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Physics Abstracts

Science Abstracts Series A
January–June 1972

Subject Index part A

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CONTENTS

Title page i
Contents list and explanation ii
Subject index S 1

Six-monthly indexes

Cumulative indexes to Science Abstracts are published twice a year covering the period January-June and July-December. They comprise Author and Subject indexes and some specialised or 'small' indexes.

Author indexes

This lists in alphabetical order all authors of papers abstracted in the abstracts journal during the six months covered by the index together with the title of the paper. Where there are co-authors of a paper the title of the paper is given only under the name of the first author. The serial number of the paper in the abstracts journal is in the form 2-12345, ie 1972—abstract no. 12345.

'Small' indexes

These are specialised indexes which allow the user to find quickly particular types of information which might be difficult to find using the subject or author indexes.

Bibliography index

In this index reference is made to articles which contain a significant list of references or bibliography on the subjects listed.

Book index

This gives details of books received and abstracted by the abstracts journal.

Patent and Report indexes

These give details of those reports or patents which have been abstracted in the abstracts journal during the past six months.

Conference index

This index lists conferences for which published proceedings have been received and abstracted. Reference is given to the individual papers and their serial numbers in the abstracts journal.

Subject index

The subject index provides an alphabetical subject key to the articles included in the abstracts journal. Some general guidance on its use is given below:

1. Look in the index for the name of the specific subject in which you are interested. In most cases this name will be a heading in the index and you will find relevant articles listed under it.

2. Occasionally you will be directed from the subject heading chosen to a different heading under which the relevant or additional articles are listed.

3. If you do not find the subject heading you first choose, try a more general heading.

4. If you have difficulty at any stage in determining the appropriate heading, consult the Classified List of Headings on the yellow pages at the end of the index. This gives for each broad subject area the headings used in the subject index. Choose the most appropriate and look them up in the index.

5. Each entry under the heading relates to an article appearing in the abstracts journal and gives the serial number of that article in the journal preceded by the last digit of the current year, eg 2—12345: ie Abstract number 12345 in the abstracts journal for 1972.

Subject Index

- **4π counters** *see Counters*
- **Abacs** *see Nomograms*
- **Aberrations, optical**
  - *see also Electron lenses; Ion optics; Optical instrument testing; Optics/geometrical; Particle optics*
  - achromatized doublet lens system, primary aberrations 2—21143
  - amplitude filter for compensation of partially space coherent diffraction of defocused systems 2—11515
  - apertured focussed Gaussian beams, parametric study 2—27587
  - aspherics testing using two wavelength holography 2—5401
  - astigmatic optical image transfer, for spectrographic system 2—14473
  - astigmatism, coma and curvature of spectral lines, elimination in plane grating spectrographs and monochromators 2—27570
  - automatic lens designing and correction, numerical method 2—27575
  - circle of confusion, graphical analysis of energy distribution 2—38043
  - coma, effect on photographic astrometric measurements, Van Vleck 20-inch refractor 2—5028
  - coma, optical design and aberrations 2—23676
  - combined cylindrical electron mirrors, dispersion and aberrations 2—30997
  - concave grating, and monochromator focusing in vac. u.v. calcs. 2—14451
  - concentric optical systems 2—27569
  - confusion patterns and spot diagrams plotting using analogue computer 2—23679
  - design, tutorial 2—23212
  - and design, tutorial 2—34438
  - and design, tutorial 2—38039
  - diverging electron beams, short double, quadrupole, sextupole and octopole lenses, aberration correctors 2—23535
  - electron, axial chromatic by e.m. objective with quadrupole symmetry 2—37910
  - electron, diverging magnetic lens, calc. 2—37905
  - electron, immersion objective, five-electrode 2—27427
  - electron axial chromatic aberration, correction, resolution improvement 2—37909
  - electron beam tubes with controllable field, correction conditions 2—5335
  - electron emission microscope, axial chromatic correction, geometric optics calc. 2—17561
  - electron emission microscope, axial chromatic correction by quadrupole electromagnetic lens 2—17560
  - electron lens systems, correction 2—2357
  - electron lenses, spherical and chromatic corrections using charges on gauze or thin foil 2—17555
  - electron microscope, image resolution loss 2—2363
  - electron microscopy of irradiated metals, defect. cluster visibility 2—9520
  - electron optical systems, correction of geometrical aberrations by octupoles 2—23533
  - electron two foil lenses corrected for spherical and chromatic aberrations 2—37904
  - electrostatic lenses, two tube, numerical calc. 2—23532
  - field curvature and distortion, tutorial 2—27572
  - first order imagery by a general optical system 2—23681
  - formula of H.H. Hopkins, comments 2—17675
  - graded-index (GRIN) rods used as image relays, aberrations and design 2—5431
  - Hartmann null test of aspherical mirrors 2—23670
  - hologram, object representation in Fresnel zone 2—2416
  - holograms, photographic volume, compensation 2—11497
  - imaging systems, meniscus corrected 2—27626
  - effects on imaging with partially coherent illumination 2—23678
  - ion beams, in mass analyser, calc. 2—18270
  - laser window materials, i.r., rel. to thermal lensing 2—31023
  - lens systems, expansion of function using Legendre polynomials 2—34447
  - lens testing and design, geometrical and instrumental optics, book 2—2421
  - lenses, design obs. 2—21142
  - lenses, thin, with variable astigmatic power 2—34453
  - lenses for spatial filtering, correction 2—34451
  - magnetic quadrupole lens, third order aberration coefficients, comparison of expressions 2—34320
  - mass spectrometers, influence of fringing fields 2—567
  - microprobe devices, cross section of deflected beams, current-density redistribution 2—23534
  - microscope objective, effect on images in quantitative microscopy 2—5406
  - mirrors, paraboloid, correction by pairs of spherical mirrors 2—7579
  - multipass optical cell, 3rd order aberrations 2—31110
  - optical 2—23215
  - optical design of lenses, astigmatism 2—27015
  - optical systems, use of aspherical surfaces, aberration theory and size/weight considerations 2—34517
  - phase, of acoustic lens, sound field in focal region 2—5219
  - pupil-scan aberration analyser and spot diagram measurement system 2—27574
  - quadrupole lenses, nonsymmetric, correction to third order 2—23522
  - quadrupole-octopole electron lens corrector system, third order geometric and first order chromatic coeffs. 2—17557
  - scan and measure devices, systematic errors in optics 2—34516
  - spectrographs with correction of Schmidt camera effected in the collimator 2—297
- **Aberrations, optical** continued
  - spherical, correction using aspherical surface rep. by polynomial approx. 2—5402
  - spherical, det. from contrast alterations in defocused image of radial grating under coherent illumination 2—23683
  - spherical, electron optical correcting system 2—14388
  - spherical, or electron microscope magnetic lens, correction by transparent foils 2—5333
  - spherically aberrated annular aperture, far field diffraction of partially coherent light 2—27597
  - spherically aberrated circular aperture diffraction of partially coherent light, calc. of irradiance distribution 2—23693
  - superachromatic glass triples and colour correction, tables 2—23682
  - theory, matrix treatment 2—34446
  - vacuum u.v. monochromator design criteria 2—14467
  - wave form, tolerance conditions 2—34441
- **Abrasion**
  - *see also Hardness; Wear*
  - composite, brittle matrix, water content effects 2—1306
  - glass, soda borosilicate, water content effects 2—1306
  - lunar soil, friction and abrasion props. 2—33726
  - sliding electrical contacts, wear testing under current 2—29365
  - steel, surface hardening by u.s. treatment in hydroabrasive medium 2—36196
  - wear, and adhesive wear quantitative study 2—29338
  - Fe-Cr base alloy, austenitic, abrasive wear resist. 2—36177
  - InSb, abrasion-induced surface damage 2—12649
  - Si lattice defects, surface layers, lapping 2—36270
- **Absorption**
  - *see also Alpha-particles; Beta-rays; Cosmic rays; Electrons; Gamma-rays; Hyperons; Mesons; Neutrons and antineutrons; Protons and antiprotons; and also Sorption; X-ray absorption*
  - atomic, using photon counting, use and limitations 2—8431
  - atomic absorption spectroscopy, significance of thermally assisted processes 2—2462
  - capillary-gravity waves in shallow water 2—3348
  - graphite, kinetic theory of surface and thermal diffusion in adsorbed Ar isotopic mixtures 2—39549
  - i.r., HF absorption cell, construction, gas handling apparatus 2—37934
  - i.r. in rhodochrosite, effects on complex refractive index 2—7040
  - living tissue, of radiation, Nimrod beam expts., quaterly report 2—20744
  - Lorentz absorption lines, new analysis procedures 2—8030
  - precipitation, effective attenuation, in submillimeter range 2—16832
  - radiation, bulk materials from which low-loss glass fibres are drawn 2—34531
  - seismic waves, P signals 2—7209
  - seismic waves in earth rel. to geophysical prospecting, patent 2—20300
  - solar radiation, by atmos., det. of total water vapour content 2—16813
  - steel, of hydrogen, tensiometric investigation 2—3948
  - thermal radiation props. of solids 2—19474
  - X-ray in crystals, temp. depend., quantum theory 2—19019
  - X-rays by interstellar matter 2—20606
  - CO_2 laser beam, atmospheric absorption at 10.6 μm 2—33470
  - Cu thin film, effects of absorbed argon, on electrical properties 2—1485
  - **acoustic waves**
    - *see also Noise abatement; Transmission/acoustic waves*
    - active absorbers, sonic tube terminated by iterative impedance 2—34110
    - alcohols, volume viscosities study 2—12553
    - alkali metal binary mixtures, liq., mol. assoc. 2—28851
    - antiferromagnet, critical phonon attenuation exponent 2—9872
    - atmosphere, temp. and humidity profile calc. from attenuation 2—7259
    - attenuation, obs. of changes with ultrasonic continuous wave spectrometer 2—23378
    - attenuation in lined rectangular ducts with flow, and aircraft engine noise reduction 2—8007
    - attenuation spectra in acoustically treated rectangular duct 2—7750
    - audiences on unupholstered seats, model auditor simulation 2—2244
    - car exhaust mufflers, effect of flow rate of gas on efficiency 2—20926
    - in caves, mines and tunnels, attenuation coeffs. and effects of temp. inversions 2—27254
    - dielectric with high dislocation density, thermal phonon scatt. 2—6662
    - ducts with sound absorbing Kapron fiber linings, frequency characteristics 2—27288
    - expansion chamber filter, attenuation props., influence of air flow 2—23357
    - ferromagnet, critical phonon attenuation exponent 2—9872
    - ferromagnetic insulator, attenuation and freq. shift 2—36338
    - ferromagnetic insulator, coupled photon-magnon-phonon modes 2—10185
    - fibrous absorbents, sound propagation analysis 2—5229
    - due to fish in shallow water 2—1805
    - gas, polyatomic 2—35684
    - Helmholtz resonator with $C_2Cl_2F_4$ gas in cavity 2—34120
    - impedance of sound absorbing systems at oblique sound incidence 2—5230
    - integrated pulse technique for meas. of absorpt. techniques 2—34143
    - Kramers-Kronig formulae applic. to dispersion relations 2—32823
    - lined ducts with mean flow, attenuation optimization 2—27255
    - liners, turbulence near 2—20925
    - liquid, rel. to suitability for acoustooptic device appl. 2—25086

Absorption continued
acoustic waves continued
liquid, rel. to suitability for acoustooptic device appl. 2—25085
liquid mixtures near critical soln. pt., anomalies 2—28845
marine muds, dependence on mud viscosity 2—37099
materials for aircraft noise control 2—14279
measurement techniques, sound reduction in jet engine nacelles 2—4045
multifield resonances, theory 2—13526
multimode propagation in liquid cylinders 2—17380
noise control systems, buyer's guide 2—14278
noise from aircraft engine by acoustic lining 2—175
nuclear reactor core components, Windscale High Intensity Noise Rig 2—38707
panel, edge effect, theory 2—34184
by periodically uneven surfaces, exact solution of diffraction equations 2—17383
polyatomic gases, computer program for extraction of bulk viscosities 2—32182
proustite, frequency dependence, use of single crystals in acousto-optic devices 2—6664
radial diffuser configuration, performance of sound absorbing materials 2—14262
relativistic gas from theory based on kinetic eqns. 2—28730
reverberation chamber, diffusion coeff. of sound attenuation 2—27238
rocks, shock wave attenuation, Q values, in granite and limestone 2—3841
rockwool/foil/perforated plate absorpt. material 2—34183
saturation waves and spin-phonon coupling 2—6663
semiconductor, piezoelec., attenuation and intensification of Lamb waves 2—1424
by vegetation and ground, transmission of random noise 2—14265
vibrational relaxation times of methane and O_2 at increased pressure 2—14258
by wind, attenuation, power profiles 2—13731
CdS, Brillouin scatt. obs. 2—26200
CdS, electronic attenuation and intensification of Lamb waves 2—1424
Gd, Curie pt. phenomena 2—1425
He, up to 5.10^4 MHz/atm., coeff. meas. 2—6159
^{4}He, superfluid, attenuation and velocity of sound, calc. 2—18868
α-HgS, cinnabar rel. to acousto-optical props. 2—19973
$LiNbO_3$, ferroelec., piezoelec. leaky surface wave propagation and amplification 2—22412
O_2 and mixtures with H_2, He_3, He_4, vibrational relaxation times determ. from sound absorption measurements 2—38932
SO_2/O_2 mixtures, meas. of sound absorption due to vibrational relaxation, existence of vib.-vib. coupling 2—15338
Si, u.s. attenuation by acceptor holes 2—13037

acoustic waves, ultrasonic
see also Nuclear acoustic resonance
tert- butyl alcohol in cyclohexane, u.r. relaxation and kinetics of association 2—6229
acetonitrile-water mixture, near critical point, short range correlation length and mol. friction const. detn. 2—28854
alcohols, struct. relax. theory 2—32259
alkali halides, elec. field effect 2—6537
alkali halides, photomech. effect 2—29529
alkali halides aqueous solutions, kinetic model of structural relaxation processes 2—39361
aniline-nitrobenzene mixtures, relax. processes 2—32260
antiferromagnet, near Neel point, theory 2—16027
antiferromagnet, nonresonant attenuation by spin waves 2—32831
antiferromagnets, cubic, nuclear acoustic reson., reson. absorpt. linewidth 2—40789
attenuation factor of ultrasonic vibrations using the echo-pulse contact method, measurement accuracy 2—27195
p-azoxyanisole liquid crystals, determ. of anisotropic shear and bulk viscosities 2—12552
p-azoxyphenetole liquid crystals, determ. of anisotropic shear and bulk viscosities 2—12552
benzene shear wave absorption near melting point 2—29536
biopolymers, mol. config. and conform. changes 2—28422
biopolymers, ultrasonic absorption spectroscopic study of conformational modifications 2—30653
bitumens, of transverse waves 2—32829
bonding layers of u.s. delay lines, acousto-optical meas. 2—40060
butyric acid, u.s. absorption at 20 to 90°C 2—18819
carboxymethylcellulose salts in aqueous solutions 2—25079
cavity in solid medium, attenuation due to longit. wave scatt. 2—9874
chain macromolecule solutions, kinetics of cooperative transformations 2—21708
in concentrated polymer solns. in toluene and methyl ethyl ketone 2—27253
critical fluctuations and elastic deformation, influence on measurements 2—36339
cyclohexane shear wave absorption near melting point 2—29536
cylindrical h.f. ultrasonic concentration in dissipative media 2—27252
dicalcium lead propionate, attenuation near phase transition 2—19415
diethyleneglycoldiethylether-water mixture, near critical point, short range correlation length and mol. friction const. detn. 2—28854
differential zero method for solutions 2—20927
dislocations, drag coeff. determ. 2—19096
dynamic critical phenomena attenuation rel. to time depend. fluctuations above order- disorder T_c 2—19818
ethanol, pressure dependence of excess absorption using structural relaxation theory 2—25075
ethanol meas. temp. dependence of adiabatic volume viscosities and mole fraction in antiparallel dipole state 2—25056
ferrite discs, magnetoacoustic reson., two-stage parametric excitation 2—30001
ferroelectric, KH_2PO_4 and KD_2PO_4, dielec. susceptibility and polarization obs. 2—4279
fibre reinforced plastics, NDT using reson. method 2—32658
gas mixtures, attenuation temp. depend. 2—28740
p- GaSb, attenuation coeffs., pule echo method, microwave freq. 2—16026
glass:La flint, attenuation as function of frequency meas. 2—6665
glass systems, low temp. anomalies 2—9885
2-halomethyl-1,3-dioxans, double ultrasonic relaxation, ring inversion and internal rotation 2—24530
heneicosane shear wave absorption near melting point 2—29536
n- hexane- nitrobenzene mixture, near critical point, short range correlation length and mol. friction const. detn. 2—28854

Absorption continued
acoustic waves, ultrasonic continued
n-hexane-o-toluidene, around critical region 2—1094
n-hexoic acid, 3 to 21 MHz and at 15 to 40°C 2—39362
h.f., in Canada, fir and cedar balsams 2—28842
liquid, and dispersion of hypersound 2—28843
liquid, viscosity and shear elasticity meas. 2—28810
liquid crystal, nematic, mag. field effects 2—32257
liquid-filled resonant systems, excitation of fractional harmonic waves 2—28846
in liquids, semiautomatic pulse technique for velocity and absorption 2—17382
macromolecular solns., intramol. pot. barrier determ. 2—28800
matched filters, surface-wave, sensor number minimization 2—5242
metal, damping of h.f. waves, theory 2—19406
methanol, pressure dependence of excess absorption using structural relaxation theory 2—25075
molecular rot. relax. meas. 2—28254
optical sensor, noncontacting 2—34528
paraxylene shear wave absorption near melting point 2—29536
phonon superradiant effects in reson., medium 2—32836
piezoelectric, piezo-e.m. interaction between u.s. and nucl. spin systems 2—32825
polyacid aqueous solns., effect of degree of neutralization 2—32262
polyacrylic acid salts in aqueous solutions 2—25079
polyelectrolyte aqueous solutions 2—25079
polymethylmethacrylate, hypersonic absorption by Brillouin scattering 2—40642
polystyrene in organic solvent, ultrasonic relaxation spectrum associated with three state conformational change 2—35761
polyvinylchloride, hypersonic absorption by Brillouin scattering 2—40642
proteins, dextran and globular, molecular weight effects 2—30658
quartz, fused, stimulated Brillouin scatt. obs. 2—16587
quartz, hypersound attenuation by collinear phonon interactions 2—4048
rare earth cryst., critical phenomena, spin diffusion coeff. 2—29530
salol shear wave absorption near melting point 2—29536
semiconductor, hypersonic attenuation due to optically excited carriers 2—9875
semiconductor, hypersonic attenuation via exciton-phonon interaction 2—9876
shouldered-specimen pulse-echo technique 2—9873
superconductor, intermediate state, resonant absorpt. by nuclei 2—25782
superconductor, peculiarities, rel. to overlapping energy bands 2—32932
superconductor, type-II, mixed state obs. 2—13138
transition metal, cubic, obs. of shear distortion interaction with nuclear spins 2—25997
n-tricosane shear wave absorption near melting point 2—29536
water, pressure dependence of excess absorption using structural relaxation theory 2—25075
YIG, hypersound in mag. field, 4.2-300K 2—6669
Al-Zn alloys, attenuation dependence on rel. concentrations 2—6661
Al, attenuation, dislocation unpinning contrib. 2—13034
Al, supercond. energy gap anisotropy obs. 2—25784
Al_2O_3, noncollinear attenuation 2—16024
As, giant quantum oscills., Fermi surface, pressure effect 2—1462
BaF_2, attenuation eval. 2—40061
$BaTiO_3$-CdSe, two-layer system, and amplification, electron-phonon interactions 2—13032
Bi, anomalous ang. variation of spin splitting factor, giant quantum attenuation obs. 2—25730
CaF_2, attenuation eval. 2—40061
$Ca(NO_3)_2.xH_2O,(x=3.2,4)$, melts, relax. rel. to mol. rearrangements 2—35762
$CaWO_4$, hypersonic attenuation, phonon-phonon interactions 2—32833
CdS, photosensitive attenuation as tool for photocond. and optical absorpt. obs. 2—16025
CdS, thermal Brillouin scatt. obs. 2—33289
Cr, attenuation near spin-flip transition 2—13035
Cu, thermal damping of dislocations attenuation obs. 2—25405
D_2O, effect of alkali halides on absorption in 30-100 MHz range studied by pulse technique 2—35758
EuTe, rel. to mag. ordering 2—25673
Ga, acoustic cyclotron resonance obs., effective masses determ. 2—16127
Ga, intermediate state superconductor 2—13158
Ga, supercond. gap determ. from attenuation meas. 2—4174
GaAs, photoconductive, illumination depend. 2—19413
$GdAlO_3$, u.s.-spin wave interaction 2—32837
Ge:Sb, 1GHz long. wave, temp. depend., donor electronic relaxation 2—9877
Ge, dislocation effects on u.s. attenuation 2—40062
Ge, hypersonic attenuation due to optically excited carriers 2—9875
Ge, hypersonic attenuation via exciton-phonon interaction 2—9876
Ge, phonon scatt. mechanism, low temp. 2—29532
H_2O-D_2O binary mixtures, 10-50°C, exptl. excess absorption compared with calc. structural absorption 2—35759
H_2O, effect of alkali halides on absorption in 30-100 MHz range studied by pulse technique 2—35758
He, liquid, attenuation meas. for pressures from 0-24.7 atm., comparison with theory 2—39407
Ho, anomalous shear attenuation between T_n and T_c 2—32834
Ho, critical effects near Neel pt. 2—29838
Ho, critical phenomena, spin diffusion coeff. 2—29530
InSb, attenuation, electron-phonon interaction 2—32838
n-InSb, attenuation in magnetothermally pinched plasma 2—36340
KD_2PO_4, Landau-Khalatnikov damping of transverse elastic waves 2—29533
KH_2PO_4, KD_2PO_4, dielec. susceptibility and polarization obs. 2—4279
LiF, attenuation, obs. of deformation defects, annealing effects, 78-350K 2—12859
LiF, deformed, dislocation loop density and length meas. 2—36033
$LiNbO_3$, piezoelec. leaky surface wave 2—29526
$Mn_{0.82}Fe_{2.18}O_4$, acoustic losses due to disaccommodation mag. relax. effects 2—29538
MnTe, longit. wave attenuation around Neel temp. 2—1426
Mo-Re alloys, supercond., attenuation energy gap anisotropy 2—16180
Mo, supercond., hypersound attenuation 2—16181
Mo crystal, dislocational internal friction 2—6497
NH_3, rel. to vibrational and rotational relaxation data 2—31811
NH_4Br, disordered cubic phase, Brillouin scatt. obs. 2—26201
NaCl, attenuation, dislocations influence 2—29534

Absorption continued
acoustic waves, ultrasonic continued
NaCl, resonant freq. and decrement 2—3780
Nb, dislocation damping by phonon viscosity 2—29183
Nb, supercond., rel. to dislocation dynamics 2—36465
O_2 and O_2-H_2O gas mixtures, attenuation temp. depend. 2—28740
Pb, thermal damping of dislocations, attenuation obs. 2—25405
Pb film, attenuation, surface sheath effect 2—29638
Pb film, superconductor, Ginzburg-Landau parameter determ. 2—19596
RbH_2PO_4, near ferroelec. phase transition temp., critical effects 2—36341
Sb, magnetoacoustic resonance rel. to Fermi surface 2—32877
SbSI, ferroelec. crysts., damping near phase transition, freq. depend., temp. depend. 2—29535
p-Si, attenuation quenching by mag. field 2—40063
Si, phonon scatt. mechanism, low temp. 2—29532
p-Si, phonon transmission, impurity effects 2—32832
Sn, giant quantum oscillations of attenuation 2—6667
Sn, intermediate state, reson. peak obs. 2—36468
Sn, intermediate state attenuation 2—36470
$SrTiO_3$, anisotropy at phase transition 2—16022
$SrTiO_3$, displacive transition obs. 2—32780
$SrTiO_3$, phase transitions, critical dynamics for $T \geqslant T_c$ 2—25932
$SrTiO_3$, sound vel., temp. depend., 105 K transition, phonon modes 2—9879
W, Doppler-shifted acoustic cyclotron resonance obs. of Fermi surface 2—22478
Xe, along critical isochore 2—31893
α-ZnS, coeffs. meas. by u.s. pulse method 2—25482
Zr-Nb alloy, $\beta \rightarrow \omega$ transform., attenuation obs. 2—40014

electromagnetic waves
see also Spectra (radiofrequency subheadings)
6.25 mm wavelength, rainfall attenuation obs. 2—16835
11 and 18 GHz, due to rainfall, meas. at higher angles of elevation 2—16866
astronomical radio sources, 15.5 and 31.6 GHz, propagation test for satellite communications 2—16864
atmosphere, at microwave 2—20354
atmosphere, in 4 to 6 mm wavelength band 2—33476
atmospheric attenuation, at 15 and 35 GHz 2—16850
atmospherics, long distance propagation in earth-ionosphere waveguide, phase velocities and attenuation coefficients 2—33478
BL Lac, in 21 cm H line, produced by local intervening cloud 2—13967
cavity-type receivers, black lacquer coated, absorptance obs. 2—2269
D-region meas. 2—33542
p-difluorobenzene in nonpolar solvents, power absorption coeff. submillimetre wave measurements 2—39367
elliptical waveguides, attenuation, calc. 2—23452
extragalactic sources, Parkes survey of 21-cm spectra 2—10964
fog at millimeter wavelength 2—33494
galactic sources, 21-cm measurements, north of declination —48° 2—10965
by inhomogeneous plasma 2—32001
ionosphere, D-region, freq. depend., N(h) profile detn. 2—1896
ionosphere, det. at 6 MHz using A3 circuit in 1F mode 2—40993
ionosphere, empirical expressions 2—40996
ionosphere, fluctuations rel. to atmospheric planetary scale waves 2—13763
ionosphere, nighttime, m.f. and h.f. waves, theory 2—7795
ionospheric, cos χ index dependence on solar and magnetic activities 2—30341
ionospheric absorption excursion, latitudinal features 2—41000
ionospheric D-region, effect of 1958/1970 sunspot cycle 2—4720
laser radiation, atmospheric transmission measurement method 2—5287
LF radiowaves of 164 KHz, calc. nocturnal absorption due to ionisation produced by X-rays from Sco X-1 and Tau X-1 2—26528
melinex, coeff. at 338μ 2—19964
metals, thin films, quantum size effects 2—40135
oblique propagation through quiet ionosphere 2—23001
permafrost soil from Arctic regions 2—30231
plasma, and transformation into rapidly damped longitudinal plasma waves 2—24712
plasma, from v.h.f. discharge 2—8961
plasma, inhomogeneous along mag. field, v.h.f. 2—8942
plasma, linear layer, in resonance region 2—215
plasma, meas. using laser with reformed emission frequencies between 460 and 700 nm 2—39135
plasma, rel. to wave transformation in upper hybrid frequency zone 2—28562
plasma, simultaneous absorption of quasitransverse and quasilongitudinal waves 2—32003
plasma, travelling ionization disturbances due to strong e.m. field 2—21832
plasma half-space, warm, homogeneous 2—31979
quartz crystal resonators, Na_2CO_3 process cultured, Q capability from i.r. absorption meas. 2—14301
radio, attenuation in rains, of different intensity, experimental study 2—16828
radio, submillimetre range, attenuation, computations 2—16852
radio, submillimetre range, attenuation in rainfalls, computations 2—16836
radiosources at 21 cm, low-latitude south of declination —46° 2—10966
radiowaves, submillimetre, fluctuations in turbulent atmosphere 2—16863
rain, at 15.3 and 35 GHz over 15.5 km path 2—37168
rain, at 18.5 to 30.9 GHz on 2.6 kilometre propagation path 2—20353
rain, at 37 GHz, anomalies 2—37165
rain, on earth-space link 2—37162
rain, weather radar meas. at 10 GHz 2—33492
rain attenuation, of visible and infrared radiation, computations 2—16837
r.f. absorption measurements in salt mines to locate brine inclusions 2—7222
Saturn's atmosphere, radio waves 2—30580
semiconductor, multiphoton intraband transitions, uniform mag. field 2—6828
solid dielectrics and magnetic materials, sub mm wavelengths 2—34237
v.h.f., by plasma, non-linear effects 2—8941
$CuCl_2.2H_2O$, polarization effect 2—7043
H_2-He collison induced, atmospheres of major planets 2—26825
ICl gas, microwave absorption and dispersion 2—38918
N_2, liquid, submillimeter wave region 2—32266

Absorption continued
electromagnetic waves continued
$Sr(ClO_3)_2$, r.f. absorpt. during n.q.r. due to piezoelec. props., 77-200K 2—40792
Te, temp. depend. of microwave absorpt., interpretation 2—25844

light
see also Atmospheric optics; Densitometry; Films, solid/optical properties; Filters, optical; Optical constants; Pleochroism; Spectra; Transmission/light
'scattering-absorption' in image formation from phase objects, wave theoretical investigation 2—23684
acenaphthene: acenaphthylene, identification of two impurity sites 2—36891
achiral molecules dissolved in cholesteric mesophase Cotton effect 2—39339
aerosols, in 0.4-2.4 μ spectral region 2—25119
by aerosols in planetary atmospheres, effect on scattering 2—1987
air, 10000 to 18000K, 10-60 mm Hg, shock tube study 2—32145
air pollution detection comparison with laser radar method 2—26481
alkali borate glass, of VO^{2+} ion 2—40763
alkali borate glass, trapped electron centre, X-irradiation induced 2—20137
alkali halide, Bi^{3+}, Hg^0, Cd^0 centres 2—3801
alkali halide, rel. to impurity precipitation, review 2—3794
alkali halides, band centre shift of OH^- and OD^- impurities 2—4455
alkali halides, colloidal Pb colour centres 2—29196
alkali halides, exciton energy levels, exciton-phonon interaction influence 2—7067
alkali halides, uniaxial stress effects on off-centre pot. of Cu^+ and Ag^+ 2—20020
alkali halides, u.v. absorpt. of heavy ions, fine struct. 2—33250
alkali iodides, excitons perturbed by self-trapped excitons 2—26156
alkali metal sulphate, Co^{2+}-doped, crystal field parameter determ. at low temps. 2—36866
alkali metals, Drude absorption at a phonon, quantum mechanical calculation 2—36315
n-alkanes, opt. absorpt., 6.5-35 eV 2—18492
alloys, calorimetric method for scanning obs. 2—4431
amino acids, γ-radiolysis study 2—7187
amorphous and cryst. material, exponential tail behaviour of fund. absorpt. edge 2—40652
anharmonicity of crysts. heated by intense i.r. radiation 2—19345
anthracene alkyl-substituted analogues, films, temp. depend. 2—13249
aromatic hydrocarbon dimers, absorpt. and emission spectra, radiative lifetimes 2—10361
asymmetry of i.r. bands, numerical description 2—8524
atmospheric, at 10.6 μm by CO_2 and H_2O, for field irradiance distrib. 2—26502
atmospheric gases, velocity laser spectroscopy determ. 2—11543
atmospheric pollutant remote detection, methods compared 2—1876
atmospheric propagation of light beam, obs. by laser-radar techniques 2—16841
atomic photoabsorpt. cross section, universal nature 2—18292
attenuation, by random gravitational wave metric 2—20825
azulene solution, nonlinear absorption of ruby laser radiation 2—28859
baffle attenuation meas. in visible 2—5429
band structure studies 2—36406
benzene, cross sections and photoionization efficiencies, 600-2200 Å 2—18491
benzene, opt. absorpt., 6.5-35 eV 2—18492
benzene, solid, higher $\pi \rightarrow \pi^*$ transitions, spectral obs. 2—20052
benzene, u.s. excited shift in u.v. absorption band spectra 2—18485
bicyanine dimer, electron- vibrational spectra, strong coupling case 2—12214
borosilicate glass, film, i.r. spectra, nondestruct. detn. of comp. and thickness 2—1174
borosilicate glass, film, on Si, B diffusion source, i.r. spectra 2—16483
bromocresol green and purple dye amplifier, by one- and two-photon processes 2—21083
t-butyl chloride, i.r. spectra rel. to solid state phase transitions 2—36352
carbon tetrachloride, i.r. absorpt. and scatt. spectra 2—32267
carbon tribromofluoride and trichlorobromide, crystal structure, i.r. absorption 2—40683
chlorides, Cl^- $L_{2,3}$ absorpt. spectra regularities 2—20032
p- chloroaniline, lowest singlet state in pure and mixed crystals 2—40684
clouds of elongated particles 2—10729
coefficient of selected compounds at 58.4 and 73.6- 74.4 nm 2—28269
colloidal solns., heating effects rel. to optical dispersion 2—28909
compressed liqs., i.r. spectra, cell for study up to 1600 bar 2—2468
contribution refraction index in nonhomogeneous media, separation from scattering component 2—34468
copper heteroorganic acetylenides, absorption and photoconduction spectra investigated by diffuse reflection spectroscopy 2—29922
crystal hydrates, far-i.r. spectra, deuteration effects, vibrs. obs. 2—22756
crystal vibration modes, i.r. spectra 2—29505
crystals, thin slabs, fluoresc., damping theory 2—10315
cyclopentanone in hexane soln., conc. depend. of absorpt. band 2—25096
cyclopropane, vibr. transitions 2—33278
diamond, impurity induced one phonon absorpt. 2—20028
diamond, rel. to e.p.r. spectra, paramagnetic centres 2—26274
diamond, two-phonon i.r. spectrum, elec. field effect 2—20029
dielectric film, optical props. rel. to interference coatings and waveguides 2—40599
dinaphtho[2,1-2′,3′]furan-8,13-dione, fluorescence spectra 2—25356
2,4-dioxydithiobenzoic acid and aqueous solution, i.r. and u.v. spectra, pH depend. 2—39371
dipeptides, γ-radiolysis study 2—7187
disordered solid, i.r. vibr. spectrum, theory 2—22388
disordered solids, rel. to filter applic. for far i.r. spectrometers 2—14481
disordered solids as filters for far infrared 2—31127
DNA, bare composition dependence of hypochromism, low energy region 2—8839
dye-detergent micelle system, absorpt. and fluorescence spectra, comp. depend. 2—18839
dye-detergent solution, excited molecules local temp., fluorescence and absorpt. spectra 2—18838
energy distribution in homogeneous absorbing particles, parallel beam illumination 2—38053
epoxy resin, struct., additive effects, i.r. obs. 2—35855
ethylene, nonlinear i.r. absorp., excited state effects 2—18501

- **Absorption** continued
  - **light** continued
    - ethylene glycol, study of rotational isomers with i.r. absorption band spectra 2—38980
    - europium chalcogenides, optical transitions, magnetic order effect, energy level scheme 2—16488
    - exciton-phonon interaction, coherent potential approx. 2—26135
    - α-Fe, absorpt. spectra, self-absorpt., theoretical forms of emission L$_{III}$ bands 2—16489
    - ferrite, nonresonant absorpt. 2—10177
    - fluids, role in stimulated light scattering 2—32178
    - fluoroberyllate laser glass, rare earth doped, spectra 2—29961
    - free polarons, at weak coupling 2—1684
    - gas, absorbing-emitting, effects on thermal cond. meas. 2—18766
    - germanate glass:Nd^{3+}, and laser props. 2—20102
    - glass, coloration by transition metal halide complexes 2—36886
    - glass, low-loss, attenuation meas., using twin-beam spectrophotometer 2—8036
    - glass, org., γ-irradiated, scavenging kinetics of electrons, long range tunnelling 2—40831
    - glasses, low loss, for optical fibres 2—38111
    - graphite, photon loss spectra, 3-40 eV region 2—19997
    - heavy rare earths, direct absorption transitions at optical frequencies 2—26151
    - high-transmission glass, total amount measured by FM-94 photometer 2—5427
    - L-histidine hydrochloride monohydrate:Cu(II), single crystal, lattice position of Cu from polarized absorption spectra 2—36978
    - hydroxyapatites, hydrothermally prepared, i.r. 2—16527
    - 2-iminothiazolidone-4, i.r. spectra 2—1696
    - impulse lamp, absorption of energy emission in Nd glasses 2—27662
    - impurity crystal, antiresonance theory 2—16447
    - indirect two-photon interband transitions, analysis 2—22754
    - inerg gas solids, density of states and excitonic effects 2—20024
    - inert gas solid extreme u.v., review 2—20023
    - integrating sphere at diffused illumination, general theory for measurement of 2—27589
    - interstellar absorption band at 4430 Å wavelength dependence of polarization 2—20595
    - ionic cryst., absorpt. bandshapes from electron traps, quadrupole coupling 2—33246
    - ionic cryst., impurity induced absorpt. and reduced thermal cond. vs. temp., correl. 2—19438
    - ionic cryst., i.r. absorpt. due to surface modes 2—19340
    - ionic cryst., KCl:Sr^{2+}, Z$_1$-band resolution, numerical analysis method 2—3805
    - ionic cryst., multiphonon impurity absorpt. bands, magneto-optical effects 2—10358
    - ionic cryst. two- and three-phonon processes in far-i.r. absorpt. 2—16000
    - ionic crystal, i.r., temp. depend. of nonlinear lattice resonance damping 2—22390
    - i.r., rel. to resonance phenomena for local oscillations at multiple and combined frequencies 2—40654
    - i.r. bands in gases, possibilities and limitations of a schematic model 2—38869
    - for i.r. fundamental absorption frequencies of MgO, LiF, TiO$_2$, KBr, TlCl and TlI 2—4430
    - i.r. in atmosphere, 0.5-3.0 mm, and line shape of a water vapour absorption line 2—37155
    - Jovian atmosphere, calc. for 6-14 micron range 2—26837
    - laser beam attenuation, temperature meas. method 2—37827
    - laser radiation, in artificial fog 2—16842
    - laser reflectors 2—34384
    - layer-type crystals, u.v. and soft X-ray absorpt. spectra 2—20033
    - lenses for producing uniform laser beams 2—27571
    - liquid, threshold excitation of photo-absorptive convection 2—6230
    - liquid, turbulent fluctuations, laser beam attenuation 2—18823
    - liquids, organic, shock compressed, opacity, absorpt. spectra 2—35770
    - Lorentzian absorption profile in an external gas cell, method for stabilizing He-Ne laser frequency 2—14418
    - low absorption medium, application of Rozenberg's theory to determ. coeffs. of deep attenuation and absorption 2—27599
    - low-loss liquids, measurement of change in refractive index caused by temp. change due to absorption 2—25083
    - luminophor, fluorescence, reabsorption correction calc. 2—10434
    - metal, CO$_2$ laser absorpt. characts. 2—25568
    - metal, nonlocal theory, specular and diffuse electron scatt. 2—16413
    - metal particle, in transparent medium, rel. to surface plasmon energy 2—40152
    - metallic colloids, influence of plasma waves 2—36864
    - metallic film thickness measurement by means of absorption of coloured complexes 2—35880
    - metallo-organic layered media, exciton mechanism of high temp. supercond. 2—1683
    - metals, calorimetric method for scanning obs. 2—4431
    - methane, deuterated, calculation of i.r. spectra of ν_3 and ν_4 modes in Kr and Xe matrices 2—40668
    - methane, harmonic spectra of dense phases 2—36892
    - methane, rot. analysis of ν_4 band 2—31862
    - mica, vacuum u.v. props. 2—40648
    - milky glass, depth attenuation and absorption coeff., calc. from two-parameter approx. theory and Rozenberg theory 2—26113
    - mixed valence semiconductor, rel. to hopping conduction 2—9997
    - molecule, linear, dipolar absorpt. theory 2—31740
    - molecules, Stepanov's relation between absorption and luminescence, realizability condition 2—8517
    - molecules, vertical excitation 2—38876
    - naphthalene, indole-doped, local exciton spectra, effect of impurity conc. 2—13505
    - naphthalene, isotopic mixed cryst., energy spectrum 2—33279
    - naphthalene, opt. absorpt., 6.5-35 eV 2—18492
    - negative, in dense ionised gas 2—35593
    - p-nitroaniline, single crystals, near i.r. spectrum, vibr. anal. 2—4461
    - nitroglycerine powders, effective depth of light absorption required for ignition 2—27300
    - nonlinear, during interaction of Ne superradiation with resonantly absorbing surface 2—11505
    - nonmagnetic crystal, i.r. activity, mag. field effects 2—40688
    - optical pulse attenuation, media with dispersion contour of absorp. line 2—31018

- **Absorption** continued
  - **light** continued
    - orientationally disordered cryst., line profiles of exciton absorpt. 2—7065
    - oxide:Bi^{3+}(Eu^{3+}), u.v. absorpt. band positions 2—20049
    - 5-oxybenzodioxane-1.4 in soln., infrared, temp. dependence 2—18516
    - n-paraffin, doped, Shpol'skii spectra, 77K, polarization of multiplet components 2—20055
    - phenanthrene in durene crystal system, absorption spectra, vibronic coupling 2—9322
    - photochemical reactions effects on laser beams transmission through absorbing medium 2—20196
    - photochromic glass, variation with depth during activation 2—11492
    - phthalocyanine, π-electron absorp., molecular orbital calc. 2—10399
    - pirimidine derivatives, absorpt. spectra 2—28877
    - plane monochromatic waves on liquid surface, nonlinear attenuation 2—39366
    - plasma, resonant laser light absorption 2—32008
    - polariton 2-photon absorption in noncentrosymmetric crystals 2—36865
    - polarons, Feynman-Hellwarth-Iddings-Platzman approx. 2—26155
    - polycrystal, free carrier absorption 2—13469
    - polyethylene terephthalate fibre, annealing, folded chains, i.r. spectra 2—15642
    - polymethylpolyarsine, determ. from refl. spectrum 2—13431
    - porphyrin, π-electron absorp., molecular orbital calc. 2—10399
    - potassium halides, extreme u.v. absorpt. spectra 2—20042
    - potassium halides, Pb-doped, crysts. and aq. solns. 2—20039
    - pseudoisocyanine, absorption spectra, highly- aggregated J-form 2—28401
    - α-quartz, impurities influence 2—10305
    - quinoxaline, vapour and mixed crystal spectra, $\pi^*\leftarrow n$ transition 2—10400
    - radiationless energy transfer between impurity atoms, cryst. with broad absorpt. and luminesc. bands 2—22451
    - rare earth garnets, dichroism due to site selectivity of ions 2—40639
    - rare earth metals, potential barrier effects in photoabsorpt. 2—22776
    - rare earth metals, potential barrier effects in photoabsorpt. 2—22775
    - rare earth metals, potential barrier effects in photoabsorpt. 2—20047
    - rare gas solid, doped, induced far-i.r. phonon spectra 2—19353
    - Renner-type systems, optical band shape for A→E transition 2—33228
    - retinal and rhodopsin solutions, capacitance before and after visible light absorp. 2—37508
    - Rhodamine 6G ethanol solution 2—35773
    - riboflavin, electronic spectra, binary solvents influence 2—28870
    - rubidium halides, extreme u.v. absorpt. spectra 2—20042
    - ruby:Cr^{3+}, area theorem of self-induced transparency, photon echo applic. 2—7031
    - ruby, conc. broadening of lines 2—1686
    - ruby, generation spectrum, three level centres, laser parameters 2—4485
    - ruby, heavily doped, optical props., review 2—36868
    - ruby, u.v. irradiated, colour stability, rel. to dopants and annealing 2—25450
    - semiconductor, amorphous, review 2—40224
    - semiconductor, amorphous, weak absorpt. tails and localized states 2—33248
    - semiconductor, amorphous thin film, review 2—10005
    - semiconductor, by impurity centre with deep level in static elec. field 2—10353
    - semiconductor, diamag. excitons in degenerate bands 2—26152
    - semiconductor, disordered, intrinsic and impurity coeffs., calc. 2—40653
    - semiconductor, electroabsorpt., excitonic effects 2—7066
    - semiconductor, excitonic absorption coefficient 2—10355
    - semiconductor, Ge, absorpt. by holes, indirect transitions role 2—1693
    - semiconductor, indirect-band-gap, two-photon transition 2—22753
    - semiconductor, magnetic, energy levels, spectra 2—4203
    - semiconductor, three-photon absorpt. rel. to energy band models 2—10356
    - semiconductor film, under size quantization conditions 2—7064
    - semiconductor glass filter, nonlinear radioscopy 2—22757
    - semiconductors in a magnetic field, absorption coeff. for two photon transitions 2—4450
    - silicate glass, u.v. absorpt. of Pb 2—16497
    - silver germanate glass, polymerization, i.r. study 2—15638
    - sodalite, cathodochromic props. 2—13590
    - solar radiation, atmospheric depletion model for building cooling load analysis by computer 2—30290
    - solid, double-exciton excitation effects 2—20014
    - solid, exciton interference with continuum absorpt., origin, lineshape calcs. 2—20013
    - spectra, i.r., determ. by multiple, attenuated total refl. method 2—34543
    - spectra of laser flashes in H 2—21541
    - spectral distribution meas. of radiant energy, comparative study of methods 2—8028
    - stars F5 to K5 spectral classes, role of collisionally broadened wings of strong lines in blanketing problem 2—13900
    - stellar atmosphere, calc. 2—13886
    - styrene, cross sections and photoionization efficiencies, 600-2200 Å 2—18491
    - tetrapyrrole pigments, triplet-triplet, dichroism 2—3120
    - thallium aluminogermanate glass, polymerization, i.r. study 2—15638
    - thallium germanate glass, polymerization, i.r. study 2—15638
    - thin crystal, electroabsorption spectra, multiple reflection effects 2—19994
    - thin inducting slabs, influence of plasma waves 2—36864
    - thiophene, liq. and cryst. phases, i.r. spectra obs. 2—36004
    - thiourea cryst., para- and ferroelec. phases, librs. and vibrs. 2—26176
    - thulium acetate tetrahydrate, over range 2500 - 9000 Å 2—1697
    - transition metal niobates, i.r. spectra, cryst. chem. 2—10396
    - transition metal oxide, i.r. optical props. rel. to charge transport, review 2—9999
    - trapped electron interacting with lattice vibrations, solution of infinite set of Green-function equations 2—36862
    - triatomic C$_{2v}$ type, mech. anharmonicity contrib. to i.r. band intensities 2—35228
    - 2,4,6-trimethylphenol, asymmetry of i.r. bands, numerical description 2—8524
    - triphenylenes, 2-substituted, excited state reson. interactions 2—35356
    - triphenylmethane dye, saturable, rel. to Q-switching 2—21061
    - triplet quenching, continuous laser action of fluorescein dyes, argon-laser pumping 2—276
    - tryptophan molecule, in solid matrix, 77K 2—35355
    - undeformable crystals, shape function of band for gaslike phase of excitons 2—13468
    - Urbach's rule, with dispersion of frequencies 2—4452
    - Urbach rule, review 2—4453

Absorption continued
light continued
Urbach rule, unified theory, exponential absorpt. edges 2—20011
water, clean, naturally occurring, irradiance-attenuation coeff. prediction as function of wavelength 2—13633
water, i.r., after passage through mag. field 2—3397
water absorbed on dispersed silica 2—29064
X-ray and U.V. induced, obs. during and after irradiation 2—36951
Ge, indirect phonon-assisted two-photon interband transitions 2—22754
Ag-Mn dil. alloys, intraband absorpt., interband transitions 2—20019
Ag, interband transitions 2—10344
Ag film, thin, modification under action of oxygen 2—1656
AgBr:Cr^{2+}, near i.r., temp. depend., Jahn-Teller effect 2—40656
AgBr:$Cr^{2+}(Fe^{2+})(Ti^{3+})$, near i.r., temp. depend., Jahn-Teller effect 2—40657
AgBr, u.v. determination of spectral peaks 2—20018
AgBr(Cl), exciton and band-to-band spectra 2—1680
AgCl:Cr^{2+}, near i.r., temp. depend., Jahn-Teller effect 2—40656
AgCl:$Cr^{2+}(Fe^{2+})(Ti^{3+})$, near i.r., temp. depend., Jahn-Teller effect 2—40657
AgCl, correl. with recomb. luminesc., hole self-trapping 2—16604
AgCl, exciton absorpt. 2—4297
AgCl, i.r., from modified shell model, comparison with expt. 2—40024
Al, surface plasmon excitation by photon energies 1000-1600Å, rughness effects 2—13102
Al, temp. effect., band struct. 2—29907
Al spectra, vac. u.v., neg. absorpt. and stimulated emission 2—18305
AlAs, const. meas., 4.2-293 K 2—19959
AlAs, enhanced indirect absorpt., direct band gap 2—33252
Al_2O_3, corundum, colour centre activation energies 2—29198
Al_2O_3, corundum, production by Czochraslki and Verneuil method, absorption spectra 2—29908
Al_2O_3, quartz, interstitial Fe^{3+} 2—3806
Al_2O_3 film, formed by electron-beam evaporation 2—35884
Ar:Cs solid, spectra, dynamical Jahn- Teller effect 2—10392
Ar-Xe solid solns., exciton effects, 8-11 eV range 2—20025
Ar, monochromatic absorption coeff. at high temps. and pressures 2—39288
Ar, solid, absorpt. spectra of Li, Na, K and Cs atoms 2—24387
Ar, solid, doped, induced far-i.r. phonon spectra 2—19353
As, amorphous, fund. absorpt. edge 2—29896
As_2S_3, amorphous, i.r. spectra, vibration modes 2—16465
As_2S_3, glassy, thermoabsorpt. spectra, forbidden band widths, at 300 K and 130 K 2—22758
$As_2S_3(Se_3)$, amorphous, photodecomp. and optical densification 2—13589
As_2Se_3, absorpt. and thermoabsorpt. near fund. edge 2—20026
As_2Se_3, amorphous, i.r. spectra, vibration modes 2—16465
As_2Se_3, glassy, thermoabsorpt. spectra, forbidden band widths, at 300 K and 130 K 2—22758
As_2Se_3 film, glassy, absorpt. coeff., electric fields effects 2—19961
Au-Mn dil. alloys, intraband absorpt., interband transitions 2—20019
Au, interband transitions 2—10344
Au black, theory at i.r. optical properties 2—26111
BCl_3, i.r. laser beam propag., self- induced transparency 2—5911
BN film, absorption edge detn. 2—26159
BaF_2:Sr, X-irrad., F_{ae} centres 2—33256
$Ba_{0.25}Mg_{2.75}Y_2Ge_3O_{12}$:$Nd^{3+}$, laser action 2—16616
BaO-SiO_2 glass, γ-irrad. 2—30015
$BaSb_2O_6$, i.r. spectra, cryst. chem. 2—26161
BeTe, BeSe, Bes, bandgap detn. 2—20027
$(BiNa)_{1/2}TiO_3$, ferroelectric, translucency and colour, flux-grown single crysts. 2—29088
c V-O system, spectra 2—26174
CN, red system, radiative opacity, absorption coeff. calc. 2—15290
CO_2-N_2 mixture, kinetic cooling by CO_2 laser radiation absorpt. 2—18757
CO, K-absorpt. structs. of O and C, 20-100 Å 2—18463
CO, vacuum u.v. Rydberg series 2—21593
CO molecule, cross sections and ionization efficiencies in 300-1000 Å region 2—21639
CO_2, induced fluoresc. and temp. jump by resonant absorpt. of laser radiation 2—38893
CO_2 91% and N_2 9% gas mixtures as simulated Venusian atmosphere 2—30584
CO_2 absorption coefficient, CO_2 content of atmosphere near ground, seasonal and diurnal variations 2—1841
CO_2 laser, cross relaxation measurement 2—23584
CS_2-3-methyl pentane glass system, γ-radiolysis study 2—7185
$C(2^1D_2)$ electronic excitation, reactions with moleclar gases, time-resolved atomic absorption 2—24343
$CaCo_3$, absorpt. spectrum, effect of electrolysis and cryst. conditions 2—33255
CaF_2:Sr, Ba, X-irrad., F_{ae} centres 2—33256
CaF_2, cathode ray coloration in Mn- and Ce:Mn doped crysts. 2—12787
CaF_2, colour centres, electron-phonon interaction 2—13472
CaF_2, F_3 centre, zero phonon line, fluorescence 2—19122
CaF_2, oscillator strengths of α- and β-bands 2—29199
CaF_2, rare earth doped, photochromic behaviour 2—10640
CaF_2 pure crystals, absorption bands meas. after neutron irradiation at low temperatures 2—33254
$Ca(NO_3)_2$-KNO_3 melt, glass transition, u.f. spectra obs. 2—18901
$Ca_4Nd_6(SiO_4)_6.F_2$, britholite, synthetic, i.r. absorption spectra, effect of replacing Ca by Mg, Sr, or Ba 2—33258
CaO, vibronic props. of F^+ absorpt. band 2—7068
$Ca(OH)_2$ microcryst., vibr. freqs. 2—16005
$CaSb_2O_6$, i.r. spectra, cryst. chem. 2—26161
$CaWO_4$:Nd^{3+}, optical pumping, birefringence dispersion, population inversion 2—20030
$CdCr_2S_4(Se_4)$, impurity level obs., Ag and In doped crysts. 2—40659
CdF_2, bandedge, spectral obs. 2—26144
$CdGa_2Se_4$, indirect transitions 2—16485
$CdGe_xAs_2$ glass, i.r., rel. to struct. 2—10374
$CdGe_xP_2$ glass, i.r., rel. to struct. 2—10374
$Cd_xHg_{1-x}Se$, mixed cryst., energy gap, composition depend. 2—10046
$CdIn_2S_4$, rel. to band struct. 2—22760
$CdIn_2Se_4$, determ. from refl. and transmission spectra 2—20031
CdS:Ga, spectra obs. of structure change dependent on impurity conc. 2—26162
CdS:Ti^{2+}, $^3A_2(^3F)\rightarrow{}^3T_1(^3F)$ absorpt. band, Jahn-Teller struct. 2—10371
CdS, dislocations influence 2—10369
CdS, photosensitive u.s. attenuation obs. 2—16025

Absorption continued
light continued
$CdSb_2O_6$, i.r. spectra, cryst. chem. 2—26161
CdSe:Cr,Fe, photoionization absorp. spectra 2—10373
CdSe, electronically active defects obs. 2—13338
$CdSiP_2$, band struct. obs. 2—13459
CdTe:Fe, impurity level obs. 2—36538
p-CdTe:S, i.r. spectra, 90-470K 2—22761
CdTe:Ti(V)(Cr), crystal field parameter determ. from spectra 2—22759
CdTe, electroabsorpt., Franz-Keldysh effect, internal microfields 2—36873
CdTe, film, light modulation by excitonic electroabsorption, absorp. coeff. modulation coeff. 2—26118
CdTe, for i.r. modulator 2—29089
$CoCl_2$, exchange splitting of excited Kramers doublet in i.r. spectra 2—40660
Cr, i.r. absorptivities at room and liquid He temperatures, derived from reflectivity measurements 2—26106
CsBr:Pb^{2+}, A-band peak position determ. using extended Mollwo-Ivey reln. 2—29197
CsBr(I), far-i.r. absorpt. due to impurities, phonon density 2—19366
CsCl:K(Rb), i.r. lattice absorpt., breathing shell model 2—36875
CsF, CsI, extreme u.v. spectra, multiplet band obs. 2—22793
CsI, CsBr, CsCl, 12-25 eV region, 300, 77 and 20K 2—20034
CsI, impurity induced i.r. spectra, lattice dynamical calc. 2—40661
Cu, interband absorption, one- electron analysis 2—29913
Cu, interband transitions 2—10344
CuBr, exciton spectrum, band struct. 2—33236
CuCl-CuBr solid solns., Zeeman effect of exciton bands 2—16486
CuCl, film, exciton spectra, line-width and phonon interactions 2—10378
CuCl, u.v. and soft X-ray absorpt. spectra 2—20033
$CuCr_2Se_{4-x}Br_x$, band edge absorpt. 2—40645
$CuGaS_2$, wavelength depend., colour changes 2—9364
Cu_2O, green series n=1 exciton line, diffr. electroabsorp. obs. 2—36876
Cu_2O, i.r., after annealing in O_2 and α-particle bombardment 2—36877
$CuPbAsS_3$ single crystals, absorption curves, 90-300K 2—22762
D, i.r. absorption of interstitials in solid Ar and Kr 2—33264
$DyAlO_3$, spectra, magnetic ordering effects 2—33259
Er^{3+}, electric-dipole intensities calc., ligand field interactions 2—20035
Eu complex, dibenzoylmethane, spectra symmetry surrounding central ion 2—40663
Eu_3As_2 film, rel. to mag. order determ. 2—36722
$EuF_2(Cl_2)$, molecule, in Ar, Kr or N_2 matrix, i.r. spectra 2—28327
$Eu(NO_3)_3$, spectra enhancement by dye laser quenching 2—25091
EuO:Fe, Gd films, charact. absorpt. bands 2—13438
EuO:Gd, magneto-optical props. 2—40662
EuO, correl. with cond. and stoichiometry 2—32786
EuO, free-carrier absorpt. below band edge 2—19639
Eu_3P_2 film, rel. to mag. order determ. 2—36722
Eu_2SiO_4, ferroelastic ferromag., spectra, Faraday rotation, cryst. struct. 2—10195
Eu_3SiO_6, residual absorpt. 2—40471
Fe, i.r. absorptivities at room and liquid He temperatures, derived from reflectivity measurements 2—26106
$FeNbO_4$ and $FeNb_2O_6$, cryst. chem. 2—13473
Ga, optical constants, interzone electron transitions 2—10297
GaAs:Al(P), implanted, i.r. localized vibr. mode absorpt. 2—13474
GaAs:Co, optical transitions from valence band to acceptor states 2—33260
GaAs:Cu, i.r. spectra, calc. 2—36316
GaAs:Cu, i.r. spectra, complex nature of Cu acceptor 2—16490
GaAs:Si, implanted, localized vibr. mode absorpt. 2—40664
GaAs, const. meas., 4.2-293 K 2—19959
GaAs, electroabsorpt. and polarization anisotropy 2—7071
GaAs, electron and neutron irrad., band edge density of states detn. 2—29916
GaAs, Franz-Keldysh effect anisotropy 2—10379
n-GaAs, i.r., carrier conc. and temp. depend. 2—29915
GaAs, i.r. absorpt. bands due to localized vibrs. of B and C 2—33263
GaAs, in an elec. field, Wannier levels obs. 2—22764
p-GaAs, interband absorpt., band splitting, electron spin optical orientation obs. 2—13475
GaAs, laser-type, refr. index peak at absorpt. edge freq. 2—36879
GaAs, two photon, photocond. obs. 2—19785
GaAs influence of sample surface state on edge 2—1689
$GaAs_{1-x}P_x$, indirect gap, no phonon and phonon assisted exciton absorp. 2—36880
GaN film, r.f. sputtered 2—18937
GaP:B, by lattice and local vibrs. 2—1690
GaP:B, radiation damage centre, local mode absorpt. 2—29167
GaP:Si, rel. to bound excitons and donor ground state 2—36530
GaP:Si,O, i.r. absorpt. spectra, localized phonon excitations, donor electron excitations 2—20037
GaP, donor-electron transitions assoc. with cond. band minima 2—6832
GaP, enhanced indirect absorpt., direct band gap 2—33252
GaP, i.r., evaluation from emitted i.r. intensity and polariton field 2—16458
GaP, indirect phonon-assisted two-photon interband transitions 2—22754
GaP, localized vibr. modes of light impurities 2—13025
GaP film, forbidden band width, refractive index 2—1691
GaP(Zn, O), impurity spectrum 2—22797
GaS, GaP, characterization and impurity det. 2—16641
GaSe, 1.8-4.2 eV, excitonic effect 2—29939
GaSe, absorpt. spectra, absorpt. near fund. edge due to two dimens. excitons, 4.2 K 2—20036
GaSe, electroabsorp. in the hyperbolic exciton region 2—33262
GaSe, layer semicond., elec. and optical props. 2—10016
GaSe, layer type semicond., exciton binding energy detn. 2—10380
Ga_2Se, indirect optical transitions, electroabsorp. obs. 2—33261
GaTe, electroabsorption spectra, band gap and exciton role detn. 2—20038
GaTe, layer type semicond., exciton bonding energy detn. 2—10380
$GdAlO_3$:Er^{3+}, spectra, rel. to energy level diagram 2—33313
$GdAlO_3$:Nd^{3+}, 77 K and 300 K 2—20097
$Gd_3Al_5O_{12}$, melt grown 2—22110
$GdScO_3$:Nd, luminescence spectra 2—26235
Ge:O, ion implanted, absorpt. spectra before and after ion beam irrad. 2—22766
Ge, amorphous, annealed 2—40291
Ge, amorphous, temp. depend. absorp. edge 2—4457
Ge, amorphous, variation in absorption edge due to impurity O 2—40665

Absorption continued
light continued
Ge, amorphous film, i.r. spectra rel. to transport and structural props. 2—13273
Ge, by free carriers, submillimetre wave modulation 2—21137
Ge, e_1 and E_1 interband transitions, thermoabsorpt. study 2—40288
Ge, electronic states of dislocations 2—40289
n-Ge, fast CO_2 laser modulation by hot carriers 2—40598
Ge, intrinsic absorpt., radiation induced increase 2—26165
Ge, polarization and i.r. absorp. of dislocations 2—10381
Ge by holes, indirect transitions role 2—1693
p-Ge films, deform. splitting of impurity absorpt. band 2—13476
Ge thin crystal, ion irrad., damage and annealing study 2—22180
$GeCl_4$, i.r. absorpt. and scatt. spectra 2—32267
H, i.r. absorption of interstitials in solid Ar and Kr 2—33264
H plasma, laser-produced, photon absorpt. coeff. calc. 2—12387
H plasma absorption coeffs. at laser frequencies 2—12390
H_2, on strong shock waves and ionisation relaxation 2—21867
H_2, solid and in solid soln., near i.r., phonon spectra 2—19371
HD molecule, Rydberg series obs., 700-1000 Å 2—18435
HO_2 radical in gas phase, absorption spectra 2—37038
H_2O vapour, atmospheric, velocity laser spectroscopy, determ. 2—11542
He-Ar gas mixture, translational absorption spectra computed 2—5791
HgI_2, i.r., rel. to phase transition 2—16543
HgS, thermomodulation of edge absorpt. 2—40666
I_2, quantum yield for unimolecular dissociation in visible absorption 2—31803
I_2, single crystal and liquid phase, lattice absorp. 2—33266
n-InAs fund. absorpt. edge, optical transitions, 300 and 100 K 2—13477
$In_xGa_{1-x}As$ solid solns., fund. absorpt. edge obs. 2—13478
InN film, r.f. sputtered 2—18937
InP, two photon excitation processes 2—19785
p-InSb, absorpt. coeff. changes due to plasma and hole current effects 2—16491
p-InSb, absorpt. spectrum, fund., temp. effect., 83-300K 2—22767
p-InSb, absorpt. spectrum, fund., absorpt. mech. 2—22768
n-InSb, laser cyclotron resonance, pulsed elec. field modulated 2—9948
InSb type cryst., diamag. excitons 2—6735
K^+-Ar, atomic collisions, rel. to transparency 2—11992
KBr:Au. coloured and uncoloured crysts. 2—40676
KBr:Li^+, lattice reson. in far i.r. h.p. obs. 2—6650
KBr:$SeO^{2-}{}_3$, $SeO^{2-}{}_4$, i.r. spectra 2—10387
KBr, annealing of X-ray induced defects at low temp. 2—3760
KBr, K′-centres, high press. ENDOR study 2—39715
KBr, X-irrad., F- and V_2-centre obs. 2—40728
KBr(Cl), colloidal Pb colour centres 2—29196
KBr(Cl), impurity-induced far-i.r. absorpt., phonon spectra 2—26168
KBr(I):M^{2+}, M=Zn, Cd, reactions, coloration, spectra 2—19125
KCl:Ag^-, C-band light irrad., absorpt. bands attributed to paired Ag^- ions 2—15784
KCl:Ag^-. C-band light irrad., absorpt. attributed to paired Ag^- cons., theory 2—19126
KCl:Au, coloured and uncoloured crysts. 2—40676
KCl:Co(Ba)(Cd), X-irrad., bleaching with F-light 2—22231
KCl:Eu^{2+}, Z_l and Z_2 centres, optical absorpt. and e.p.r. obs. at 77K 2—36066
KCl:In^+, u.v. spectra, uniaxial stress effects, molecular treatment 2—10386
KCl:NO_2-, effect of impurities 2—16492
KCl:$O^{2-}(SO_4{}^2)$, electron excess colour centres 2—25451
KCl:Pb, cryst. and aq. solns. 2—20039
KCl:Pb, spectroscopic, determination of conc. limits for isomorphic substitution 2—39711
KCl:Pb laser window, 10.6μ absorpt., impurity effects 2—16416
KCl:$SeO^{2-}{}_3$, $SeO^{2-}{}_4$, i.r. spectra 2—10387
KCl:Sr^{2+} Z_1-band resolution, numerical analysis method 2—3805
KCl-NaCl solid solns., Cl^--$L_{II.III}$ absorpt., band struct. 2—7072
KCl, absorp. band position, F_A(Li) colour centre 2—9599
KCl, additively colored, optical bleaching of M-band, quantum yield 2—9602
KCl, D_3 centre behaviour 2—36065
KCl, i.r. laser-stimulated atomic migration 2—25463
KCl, irradiated, defect annealing, absorp. band obs. 2—36011
KCl, KCl-RbCl, KCl-NaCl solid solns., $Cl^-{}_{II.III}$ absorpt. spectra 2—20041
KCl, M-centre triplet form. 2—9601
KCl, multiphoton processes, photocond. obs. 2—22637
KCl, proton bombardment, U centre, H defects, i.r. and u.v. spectra 2—22227
KCl, proton irrad., U-centre obs. 2—25453
KH_2PO_4, ferroelec. modes 2—13490
KI:Au, coloured and uncoloured crysts. 2—40676
KI:Pd, rel. to impurity state and e.s.r. obs. 2—4541
KI:Tl^+, u.v. spectra, uniaxial stress effects, molecular treatment 2—10386
KI, i.r., two-phonon processes 2—40677
KI, multiphoton processes, photocond. obs. 2—22637
KMF_3:Ni^{2+}, (M=Mg,Mn), transition temp. depend. rel. to mag. ordering effects 2—33267
$KMnF_3$:Ni(Co), exciton-magnon spectra, impurity effects 2—6993
$KZnF_3$:Mn^{2+}, Cu^{2+}, spectra, temp. depend. 2—10388
Kr:Fe, solid, linewidth temp. depend., Debye temp. obs. 2—1694
Kr, solid, absorpt. spectra of Li, Na, K and Cs atoms 2—24387
Kr, solid, doped, induced far-i.r. phonon spectra 2—19353
La, potential barrier effects in photoabsorpt. 2—22776
$LaBr_3$:Tb^{3+}, absorpt. and fluorescence. spectra, Tb^{3+} excited states determ., 77K 2—36946
Li, band struct. obs. 2—40672
Li halides, rel. to Gruneisen parameter calc. 2—36319
LiBr-NaBr solid solns., spectra 6-9.5 eV, comp. depend. 2—16493
$LiCrO_2$, electronic struct., absorpt. spectrum obs. 2—19512
LiF:OH, i.r. absorption obs., thermoluminesc. 2—29977
LiF, coloration, α- and deuteron irradiation, F-centres 2—25454
LiF, dynamics of $F_2{}^+$-centres, one phonon sideband 2—22772
LiF, $F_2{}^+$ centre evolution by α-particle and deuteron irrad. 2—29201
$LiNbO_3$, Fe group doped, Coulomb interaction, internal field 2—26094
$LiNbO_3$, nonstoichiometric, defect study 2—19083
$LiYF_4$:Nd^{3+}, ground term energy states detn. 2—20043
$MgBr_2$, in vicinity of Mg L-shell transitions 2—33268
$MgCl_2$, in vicinity of Mg L-shell transitions 2—33268
MgF_2, F-centre obs. 2—19129

Absorption continued
light continued
MgF_2, in vicinity of Mg L-shell transitions 2—33268
MgF_2, irrad., absorpt. band obs., M centre stability 2—1237
$MgNb_2O_6$, i.r. spectra, cryst. chem. 2—10396
MgO, small cryst., i.r., anharmonicity and particle density effects 2—40033
MgO, small cryst., i.r., lattice dynamical calc. 2—40034
MgO film, in 0.22-8 μm wavelength range 2—34476
$MgUO_4$, U-O lattice vibrations 2—40680
Mn (II) complex, $MnX_4(C_5H_5NH)_2$ vibr. spectra 2—25338
$MnCl_2$, $2MgCl_2$, $12H_2O$, absorption spectrum in near u.v., Zeeman splitting of 12 sharp lines 2—20044
$MnCl_2.4H_2O$ in DMF and DMA solutions 2—39391
MnF_2:Ni^{2+} transition temp. depend. rel. to mag. ordering effects 2—33267
$Mn_xFe_{3-x}O_4$ film, ferrite, optical props. 2—19907
Mn_2PO_4Cl, 200-20000nm. 2—22111
Mo-O system, spectra 2—26174
N_2, high resolution absorpt., 730-980 Å 2—18453
N_2, i.r. spectrum, elec. field induced 2—31807
N_2 molecule, cross sections and ionization efficiencies in 300-1000 Å region 2—21639
NH_3, vibr.-rot. transition, absortion saturation 2—5934
$NH_4H_2PO_4$, far-i.r. spectra in antiferroelec. and paraelec. phases 2—16494
Na, phonon aided, theory 2—20045
Na, spectra, abnormal maxima 2—16495
Na atom, extreme u.v. spectra 2—18310
NaCL, multiphoton processes, photocond. obs. 2—22637
NaCl:Au, coloured and uncoloured crysts. 2—40676
NaCl:Br, absorp. band of $(Br^-)_2$- centre 2—33316
NaCl:F, impurity pair resonant modes i.r. spectra 2—22774
NaCl:Mn^{2+}, neutral Mn centres 2—39716
NaCl:Pb, spectroscopic, determination of conc. limits for isomorphic substitution 2—39711
NaCl, colloidal Pb colour centres 2—29196
NaCl, elec. field influence 2—1695
NaCl, F- and X-centres, radiation prod., thermal destruction 2—6506
NaCl, NaCl-KCl solid soln., $Cl^-{}_{II.III}$ absorpt. spectra 2—20041
NaCl, pure and Ca-doped, room temp. first stage coloration 2—12789
NaCl thin films, between 25 and 72 eV 2—26170
NaCl X-ray irrad., F-centres isothermal decay, opt. absorpt. obs. 2—36068
NaF thin films, between 25 and 72 eV 2—26170
NaI:Pb^{2+}, C-band peak position determ. using extended Mollwo-Ivey reln. 2—29197
NaI, i.r., two-phonon processes 2—40677
Na_2O-B_2O_3-Al_2O_3-SiO_2 and Na_2O-B_2O_3-Al_2O_3-Sb_2O_3-SiO_2 glasses, i.r. structure studies 2—40679
Na_2O-Fe_2O_3-TiO_2-SiO_2 glass 2—1598
α- Na_2UO_4, U-O lattice vibrations, from i.r. absorption spectra 2—40680
Ne:Cs solid, spectra, dynamical Jahn-Teller effect 2—10392
Ne-Ar gas mixture, translational absorption spectra computed 2—5791
Ni, i.r. absorptivities at room and liquid He temperatures, derived from reflectivity measurements 2—26106
Ni, i.r. and visible absorpt., 4K, band struct. 2—16496
$Ni_xZn_yFe_2O_4$, rel. to atomic struct. and energy levels 2—36816
O_2, K-absorpt. struct., 20-100 Å 2—18463
O_2, spectra in solid O_2-N_2 mixture, 1.5K, mag. field effect 2—8694
O_2 molecule, cross sections and ionization efficiencies in 300-1000, Å region 2—21639
O_3, i.r. absorpt. bands, anharmonicity coeffs. 2—31816
Pb, far-i.r. surface resist., absolute meas. 2—36466
Pb I reson. line, press. effect, absorpt. spectrum in presence of Kr 2—24348
$PbBr_2$, film, exciton spectra, thickness effects 2—10393
$PbCl_2$ single crystals, colour centres investigated after low temp. neutron irradiation 2—29195
$PbCl_4$, i.r. absorpt. and scatt. spectra 2—32267
$PbSb_2O_6$, i.r. spectra, cryst. chem. 2—26161
n-PbTe, i.r. magnetoabsorpt., phonon-cyclotron and carrier-transfer reson. 2—40678
PbTe film, deposition parameter effects rel. to i.v. multilayer filters 2—40602
Pt, i.r. absorptivities at room and liquid He temperatures, derived from reflectivity measurements 2—26106
Rb, optical and dielec. consts., band struct. 2—26149
Rb, solid and liquid, separation of temperature dependent Drude absorption from other temperature independent mechanisms 2—16417
Rb thin films, meas. as a function of thickness for polarised monochromatic radiation in 3000-6000Å range 2—16472
RbBr:Pb^{2+}, C-band peak position determ. using extended Mollwo-Ivey reln. 2—29197
RbCl, RbCl-KCl solid soln., $Cl^-{}_{II.III}$ absorpt. spectra 2—20041
$RbMF_3$:Ni^{2+} (M=Fa,Co,Mn), transition temp. depend. rel. to mag. ordering effects 2—33267
SF_6, K-absorpt. structures of S, 20-100 Å 2—18463
SF_6 molecule, cross sections and ionization efficiencies in 300-1000 Å region 2—21639
SI spectrum in vac. u.v. 2—20691
SO_2, single vibronic level lifetimes of first excited singlet state 2—8703
Se, amorphous film 2—32989
Se, fund. absorpt. edge obs. 2—33271
Se, trigonal, temp. depend. electroabsorpt. on indirect edge 2—13480
Si:C, rel. to impurity conc. effect on thermal donor formation 2—19117
Si:O, i.r. absorpt. spectra before and after annealing and neutron irrad. 2—22223
Si-Ge alloys, i.r. absorpt. of lattice and local modes 2—13483
Si-Ge alloys, localized vibr. modes of B-Li pairs 2—13482
Si, intrinsic absorpt., radiation induced increase 2—26165
Si, neutron irradiated, divacancy associated i.r. bands 2—22777
Si, plasma, absorpt. cross section 2—29876
Si, radiation-induced absorpt. bands, piezospectroscopic obs. of group V—defect complex 2—16499
Si ion implanted, SiC, Si_3N_4, SiO_2 formation obs. 2—26173
Si thin crystal, ion irrad., damage and annealing study 2—22180
SiC:N, 6H polytype, Zeeman effect of the absorp. lines R_o and S_o 2—36885
SiC:N, i.r. spectra due to impurity level nonequiv. population 2—13481
α-SiC, 6H polytype, i.r., optical phonon energy range determ. 2—10395
n- SiC polytype, i.r. impurity spectra 2—16498

Absorption continued
  light continued
    α-SiCiN, impurity adsorpt., electron transitions 2—7073
    $SiCl_4$, i.r. absorpt. and scatt. spectra 2—32267
    SiO_2, bulk fused silica, materials testing, fibre optic communications 2—33190
    SiO_2, fused, irrad. effects, C-band annealing 2—15785
    SiO_2, SiO_xN_y 2—8021
    SiO_2 glass, H_2 impregnated, i.r. spectra 2—12630
    SiO_x, film, i.r. spectra near 9μm, rel. to preparation conditions 2—13484
    SiO_x evaporated film, rel. to deposition conditions 2—10394
    $SmF_2(Cl_2)$ molecule, in Ar, Kr or N_2 matrix, i.r. spectra 2—28327
    SmS(Se)(Te), i.r. absorpt. peaks, semicond.-metal transition 2—33274
    $SnCl_4$, i.r. absorpt. and scatt. spectra 2—32267
    $SrCl_2:Yb^{3+}$, cryst. field energies 2—36888
    $SrCl_2$, F-centres obs. 2—33336
    SrF_2:Ca, Ba, X-irrad., F_{ae} centres 2—33256
    SrF_2, F_3 centre, zero phonon line, fluorescence 2—19122
    SrO-SiO_2 glass, γ-irrad. 2—30015
    SrO powder, far-i.r. surface-activated band-mode absorpt. 2—7074
    $SrSb_2O_6$, i.r. spectra, cryst. chem. 2—26161
    $SrTiO_3$:Nb, free carrier absorpt. 2—36887
    $SrTiO_3$, wavelength-modulated absorption, reinterpretation not involving coexisting phases 2—20048
    Te, intervalence band traisition, modulation by acoustoelec. domains 2—7075
    Te spectra, 36-246 eV, conduction band obs 2—20050
    TeO_2, fund. band edge props. 2—1658
    Ti-O system, spectra 2—26174
    Ti to Co series, photoabsorption cross sections calcs. 2—22779
    $TiCl_4$, i.r. absorpt. and scatt. spectra 2—32267
    TiO_2, rutile, energy levels 2—22778
    TiO_2 evaporated film 2—8021
    Tl I, spectrum in v.u.v. 2—18320
    V complex, $[V(urea)_6]^{3+}$, ligand field analysis 2—13374
    V film, interband transitions 2—7076
    V_2O_5-P_2O_5 glass, i.r. spectra rel. to polar conduction 2—10039
    VO_2, electroabsorpt., band assignments 2—33245
    W-O system, spectra 2—26174
    WO_3, colour, non-stoichiometry, defects, X-ray diffr. 2—25246
    WOI_2, 215-320 nm. bands 2—25254
    Xe:Cs solid, spectra, dynamical Jahn- Teller effect 2—10392
    Xe:Li solid, luminescence centres, spectra obs., 4-80 K 2—29963
    Xe, atomic, collective reson. in $4d^{10}$ shell 2—11963
    Xe, flashtube discharge, saturation effects, YAG:Nd^{3+} radiation 2—18619
    Xe, solid, absorpt. spectra of Li, Na, K and Cs atoms 2—24387
    YAG-YbAG, optical centres 2—20051
    $YAlO_3:Nd^{3+}$, intensity parameters 2—4496
    $YAsO_4:Dy^{3+}$, low lying ground level doublets obs. 2—33337
    YIG:Si, spontaneous and photoinduced linear dichroism 2—22730
    YIG, excitons, spin wave sidebands and exchange interactions 2—40681
    $YbF_2(Cl_2)$, molecule, in Ar, Kr or N_2 matrix, i.r. spectra 2—28327
    YbS, YbSe, YbTe, film, energy band struct. and bond ionicity 2—16476
    Zn, band struct. obs. 2—33276
    Zn vapour, atom conc. determ. by absorpt. method 2—20212
    $Zn_xCd_{1-x}S$, $0\leqslant x\leqslant 1$, two-photon absorpt. coeff., forbidden band width 2—22780
    ZnO, far-i.r. free carrier absorpt. 2—16500
    ZnS:Ni, ion-hole complexes formed in charge exchange between impurities 2—29956
    ZnSe:Tm, Li, Zeeman effect 2—40721
    $ZnSeO_4.6H_2O:Cu^{2+}$, Ni^{2+}, Co^{2+}, and $NiSeO_4.6H_2O$, optical activity 2—16420
    $Zr(As,P)_2O_7$ solid solns., As and P distrib. obs. 2—9499
    $ZrO_2:Er^{3+}$, Y_2O_3 stabilized, oxygen ion co-ordination obs. 2—33277
    ZuTe film, stoichiometry depend. 2—25829
Abundance ratio *see Elements/relative abundances; Isotopes/relative abundances*
Acceleration *see Dynamics; Kinematics*
Acceleration measurement
    see also Velocity measurement
    accelerometers, computer controlled calibration system 2—20804
    due to gravity, obs. using two falling interferometer reflectors illuminated by a laser 2—19
    gravity, portable absolute system, hybrid electronics 2—16729
    impact accelerometers, elastic-contact calibration method 2—27030
    magnetic fluids applications in colloidal mixture form 2—24636
    seismic accelerometer, effect of large accelerations on accuracy 2—16746
    vibration testing, tolerances for acceleration values 2—27196
Accelerators *see Particle accelerators*
Accommodation coefficient *see Gases; Kinetic theory/gases; Surface phenomena*
Accumulators *see Electric cells*
Acids, inorganic *see individual compounds, and Hydrogen compounds*
Acids, organic *see Organic compounds*
Acoustic amplification in solids *see Acoustoelectric effects*
Acoustic analysis
    crack propagation up to fracture, emission of pressure vessels 2—15064
    decibel difference between log mean and mean log averaging 2—34095
    human auditory neural mechanism 2—26970
    mean energy spectrum of speech, six languages spoken in chorus 2—20745
    nonlinear array processors, degraded performance rel. to data modelling errors 2—34128
    nuclear reactor pressure vessels, non-destructive testing method for incipient failures 2—15065
    nuclear reactor pressure vessels and piping, non-destructive testing method for cracks 2—15178
    signal rate processing for transit detection 2—34140
    spectra, real time dispersive analysis using ultrasonic waveguide 2—5247
    surface generated ambient sea noise spectrum level logarithmic dependence on wind speed, effects of distant shipping 2—37111
    waveguides, mechanical, sound detection in resonant vessels 2—17389
Acoustic emission *see Acoustic waves*
Acoustic field *see Acoustic radiators; Acoustics; Intensity measurement/acoustics*
Acoustic generators
    see also Musical instruments
    axial flow fans from inflow turbulence 2—3310
Acoustic generators continued
    Gaussian, by smoothing an optimum m-sequence 2—20942
    multiple pure tone noise, generation and evolution from non-uniformities in rotor geometry 2—14277
    piezogenerator loaded through intermediate layer in pulse mode, natural frequency 2—27265
    supersonic jet, noise analysis 2—176
    turbulence interacting with acoustic liners 2—20925
    ultrasonic, 20kHz, development 2—166
    u.s., GaAs single cryst. 2—4049
    u.s., n-InSb, crossed electric and magnetic fields 2—4050
    water stream spurting from aperture and impinging on hard surface 2—7752
    Cs vapour, sound emission by front of shock wave due to ionization and electron excitation 2—31970
Acoustic impedance
    bridge performance in diagnosis of hearing disorders 2—33805
    defectoscope, amplitude-phase, for examination of multilayer structures 2—32678
    duct liners in presence of grazing mean air flow, meas. methods 2—27281
    ferrite, piezomag., magnetomech. coupling coeff. 2—29827
    flexurally oscillating rectangular plate 2—23373
    inertance of smooth-edged orifice, analytical models of potential flow 2—34131
    inner ear in cats 2—11216
    load impedance det. in ultrasonic machining of glass 2—37763
    matching system, three layer, for complex impedance boundary 2—5224
    resonance matching in thin transition layers 2—37756
    thin elastic circular plate diaphragm, analogue equivalent circuit 2—34067
    transducer, complex impedance meas. in operational conditions 2—23376
    Ni-Co-Mn-Cu ferrite, piezomag., magnetomech. coupling coeff. 2—29827
Acoustic mode, crystals *see Crystals/lattice mechanics*
Acoustic paramagnetic resonance
    see also Ferroacoustic resonance
    condensed matter, hypersonic techniques 2—36336
    dense insulator, model calc. 2—10475
    integrated absorpt. depend. on freq. and spin Hamiltonian parameters, non-Kramers doublet 2—26260
    phonon superradiant effects in reson., medium 2—32836
    saturation waves and spin- phonon coupling 2—6663
    spin-phonon consts. meas. method 2—30002
    spin-phonon interaction tensor components determ. 2—7113
    $Al_2O_3:Gd^{3+}$, ultrasonic transition probabilities 2—29852
    Al_2O_3, Jahn-Teller theory 2—10492
    Al_2O_3, of V^{4+}, spin-phonon coupling consts. 2—36983
    $MgO:V^{3+}$, dynamical Jahn-Teller effects 2—20147
Acoustic radiators
    see also Doppler effect
    acoustic, pulsed cylindrical and spherical shells, radiated pressure in unbounded acoustic medium 2—34101
    boundary layer, controlled, noise and intensity 2—28728
    cylinder unstiffened, statistical analysis of radiation efficiency 2—2245
    directivity of jet noise 2—27244
    elliptical cylinder executing harmonic vibrations, sound field 2—27237
    fan, sound power spectra similarity 2—37773
    fans, axial flow running in turbulent flow, tone radiation 2—167
    field of plates illuminated by short acoustic pulses, visualization 2—34099
    flexural vibrating free edge plates with stepped thicknesses for generating high directional ultrasonic radiation 2—34117
    focal field, flat, u.s. beam, velocity potential calc. 2—2239
    interacting elastic shells 2—37759
    line vortex motion around half plane, space-time variation of acoustic field 2—14261
    loudspeaker, dynamic type, nonlinear distortion at low freqs. 2—23366
    loudspeaker, multiway, crossover freq., optimal choice 2—23365
    loudspeaker, studio monitoring, acoustical quality problems 2—23377
    loudspeaker, transient distortion meas. 2—23371
    loudspeaker enclosures, bass-reflex design 2—23368
    loudspeaker enclosures, bass-reflex synthesis procedure 2—23367
    loudspeaker magnet assembly calculation, computer program 2—2341
    loudspeaker performance eval. in rooms, selectivity of perception 2—34157
    loudspeaker system, free field frequency response and harmonic distortion 2—169
    loudspeakers, electrodynamic horn type, for two way power speakers in theatres 2—23370
    plate T junction, effect of reaction of surrounding liquid 2—5237
    point source field in one-dimens. random medium, energy density 2—27240
    pulsed electrodynamic, for liquid media 2—23375
    sound field in liquid layer between half-space and flexurally vibrating plate 2—37751
    speaker, grid plane with interlaced needles, corona discharges 2—23369
    streamlined body moving past half- plane, diffraction of sound field 2—5236
    transducer elements, coupling in an infinite array 2—14271
    transducer elements in infinite array, radiation patterns 2—14272
    two dimensional Gaussian random array, expected value of array gain 2—27264
    u.s. field in fluid radiated by focussing piezoelectric transducer 2—27270
    vibrating flat surfaces, radiation resist. 2—27266
    vibrating prolate spheroids, local radiation impedance 2—34118
    woofer freq. response meas. method 2—30868
Acoustic receivers
    see also Microphones
    amplifier gain control for ultrasonic pulse echo meas. 2—34116
    array of acoustic sensors, degraded performance of nonlinear array processors rel. to data modelling errors 2—34128
    coherent recombination of multipath signals propagated in deep ocean 2—7755
    fish tag, transmitter-receiver 2—5248
    harmonic synthesizer, vowel perception 2—20932
    optimum directional arrays using linear programming techniques 2—14268
    particle velocity hydrophone, calibration 2—37767
    piezoceramic pickup for pressure measurement in flashlamps 2—27278
    radiodefectoscope, microwave scanning of plastic tubing 2—2250
    sensitivity det. of piezoelectric transducer 2—34129
    signal processing, first twenty years 2—34127

Acoustic receivers continued
  signal rate processing for transit detection 2—34140
  two dimensional Gaussian random array, expected value of array gain 2—27264
Acoustic resonators
  flexurally oscillating rectangular plate, analogue network 2—23373
  Helmholtz, with $C_2Cl_2F_4$ gas in cavity, sound absorpt. 2—34120
  nuclear reactor, coolant gas circuit components, acoustically induced stress 2—15145
  nuclear reactor, heat exchanger instationary hot gas flow phenomena 2—15109
  oblate, natural resonant frequencies 2—7751
  pinewood, phys. props. correl. with sound amplitude and partial overtones 2—34119
  quartz surrounded by nickel, disc shaped, u.s. resonance method study 0.8-26 MHz 2—5218
  torsional magnetostrictive vibrator for u.s. applic. 2—30874
  vibration directional convertors 2—27271
  vibration mode convertor for u.s. power applic. 2—27272
  waveguide, reson. reflectors 2—27256
  CdSe, CdS, electron-phonon resonators for producing coherent oscillations, patent 2—11357
Acoustic streaming
  nonmonotonicity of buildup, asymptotic eqn. derivation 2—5225
  wind tunnel, transonic, adjustable nozzle, flexible steel liners 2—3317
Acoustic transducers *see Transducers*
Acoustic wave amplification
  see also Acoustoelectric effects
  phonon noise reduction in long amplifiers 2—16028
  piezoelectric semiconductor, acoustoelectric domains on transverse surface wave 2—29690
  piezosemiconductor, plasmon-enhanced amplification 2—36346
  piezosemiconductor, Rayleigh wave, in transverse elec. field 2—6668
  powder-like mixture characterization 2—6670
  semiconductor, coupling between drift electrons and acoustic waves 2—22413
  semiconductor, GaAs, u.s. flux generation and amplification in single crysts. 2—4049
  semiconductor, InSb, current decay time dependence 2—4051
  semiconductor, n-InSb, u.s., crossed electric and magnetic fields 2—4050
  semiconductor, piezoelec., u.s. waves in oscillator platelets 2—19419
  semiconductor, surface wave amplification due to discontinuous periodic coupling 2—4053
  semimetal, electric field application 2—40064
  solid-state magnetoplasma, nonlinear theory 2—32839
  surface wave electron interactions in solids 2—22416
  ultrasonic parametric amplifier, theory and equivalent circuits 2—5234
  $BaTiO_3$-CdSe, two-layer system, u.s., and absorption, electron-phonon interactions 2—13032
  CdS, electron damping and amplification of Lamb waves 2—22414
  CdS, in continuous drift field 2—29546
  CdS, piezoelectric, ion implantation, monolithic device formation 2—29190
  CdS, temp. depend. 2—29545
  CdSe film on $Ba_xSr_{1-x}TiO_3$ substrate, I-V characts., supersonic carrier drift vel. 2—19416
  GaAs, piezoelectric, ion implantation, monolithic device formation 2—29190
  GaAs, u.s. flux generation and amplification in single crysts. 2—4049
  Ge, wave interaction with drifting electrons, deform. potential 2—19417
  InSb, current decay time dependence 2—4051
  InSb, in crossed elec. and mag. fields 2—32835
  n-InSb, u.s., crossed electric and magnetic fields 2—4050
  n-InSb, u.s. amplification in electron-hole plasma 2—36343
  $LiNbO_3$, acoustic correl. and convolution using nonlinear surface wave interactions 2—29548
  $LiNbO_3$, elastic and leaky surface waves 2—29527
  $LiNbO_3$, ferroelec., piezoelec. leaky surface wave 2—22412
  $Pb(Zr,Ti)O_3$ ceramic/Ge wafer layers, surface acoustoelectric amplification 2—19677
  Si, wave interaction with drifting electrons, deform. potential 2—19417
  ZnO, photon counting distrib. of Brillouin scattered light from amplified vibr. noise 2—13494
  ZnO, piezoelectric, ion implantation, monolithic device formation 2—29190
Acoustic wave propagation
  see also Absorption/acoustic waves; Acoustic wave amplification; Dispersion/acoustic; Doppler effect; Helium/liquid, sound propagation; Shock waves; Velocity/acoustic waves
  acceleration, in elastic material, propagating boundary surfaces between elastic and plastic state 2—17341
  acceleration wave in plastic materials, Prandtl-Reuss, generalized 2—17340
  arterial walls, attenuation meas. 2—5056
  atmosphere, combined radar-acoustic atmospheric sounding system for temp., and weather forecast 2—26482
  atmosphere, isothermal, acoustic- gravity waves 2—13730
  atmosphere, line-of-sight, wave front sampling technique 2—1881
  atmospheric infrasonics, launch and re- entry of Saturn V 2—37177
  binary mixture at inviscid fluids, thermomechanical behaviour 2—24588
  boundary conditions and field problems 2—30866
  coherent recombination of multipath signals propagated in deep ocean 2—7755
  conducting crystal, new type of surface sound wave 2—32818
  continuous stochastic media, asymptotic evaluation of stochastic Lagrangian integrals 2—11353
  cylindrical and spherical waves of finite amplitude 2—27249
  dielectric crystal, microscopic theory 2—16021
  directional couplers based on guided surface acoustic wave technology 2—14257
  in duct wave guide modes, incorporating wall shear layers 2—11354
  echos from schooled pelagic fish, resonance structure 2—34141
  elastic waveguide, coupling to volume waves 2—6658
  elastic waves, field reconstruction from components over single surface, transducer array 2—23350
  ferroelectric materials, acoustic surface waveguide 2—29541
  in fibrous absorbents, analysis 2—5229
  inflow, two phase, propagation speed of small pressure disturbance, critical flow 2—18568
Acoustic wave propagation continued
  frequency mixing in nonlinear orifice 2—5226
  gas, rarefied, pressure waves, generated by vibr. membrane, gas-surface interaction 2—21920
  in gases for wavelengths shorter than mean free path, generalized sound modes 2—6158
  hail-producing thunderstorms, location and investigation by infrasound 2—13717
  in half space with sperical cavities, soln. of fundamental boundary- value problems 2—5223
  h.f. in non-uniform waveguides of cylindrical symmetry 2—37747
  ion, from and to spherical or cylindrical conductor in plasma 2—28608
  ionosphere, attenuating and dispersive medium 2—30336
  lens, spherical, liquid and solid, focussing props. 2—27241
  liquid, transversal sound propag., Rayleigh line wing fine struct. 2—28844
  liquid-vapour medium, one-component, relaxation times 2—12584
  load impedance of point sound source radiating into bounded space 2—27248
  macromolecule, one-dimens., elastic props. 2—28421
  magnetoacoustic waves, propagation, reflection and transmission in magnetosphere 2—13736
  magnetosonic and ion, gradient-induced fission, application of theory for behaviour of soliton propagation in inhomogeneous media 2—12350
  marine sediments, theory 2—33443
  masking level differences in forward and backward masking 2—34105
  metal, generalized transport equations for coupled electron-phonon system 2—40059
  microsound, assessment for signal processing 2—20939
  through model cylindrical vortex, with viscous core, angular deflection and ray paths 2—17381
  in modulated RF discharge 2—18703
  multimode, in liquid cylinders, sound speed and absorption measurements 2—17380
  multipoles, characteristic and impedance matrix 2—37750
  mutual radiation impedance of pistons in convex baffle 2—27246
  natural background infrasound, from Apollo 14 and aircraft 2—37179
  ocean, and review of models 2—37109
  ocean, focussing effects 2—30257
  ocean, layered model studies 2—30256
  ocean, multipath summability in ray-theory intensity calculations 2—14260
  open-ended pipe, lateral holes influence 2—20923
  opening problem, equivalence with cylindrical pipe propag. 2—27243
  parametric end-fire arrays, near-field effect 2—23354
  phase and amplitude fluctuations, frequency correlation 2—2240
  piezoelectric, electromech. coupling to surface waves 2—29542
  piezoelectric cryst., nonlinear props. and elastic wave interactions 2—29516
  piezoelectric crystal, relations between electromechanical coupling and elastic consts. 2—32826
  piezoelectric plate with adjacent semiconsuctor, nonlinear interaction between Bleustein-Gulyaev waves 2—32824
  piezoelectric semiconductor, two-wave interaction in alternating elec. field 2—29514
  plasma, ion wave propag. in presence of large neutral background 2—24791
  in plasma production and amplification 2—18620
  in polyatomic gases, 17 moment theory 2—35684
  porous fibrous absorbents 2—34172
  quartz, surface elastic waves, surface motion obs. 2—40056
  quartz, surface waves, collinear nonlinear interaction 2—40057
  radiation by infinite plane periodic structure ruled with rectangular slots 2—27247
  rarefied, pressure waves, generated by vibr. membrane, gas-surface interaction 2—21920
  reflection and transmission from layer with space dependent velocity 2—14259
  reverberation effected, in statistical ocean 2—4657
  saturation waves and spin-phonon coupling 2—6663
  scattering by pressure release spherical surface, Kirchoff integral formulation 2—27259
  sea, sound field amplitude fluctuations 2—30249
  semiconductor, phonon transmission, impurity effects 2—32832
  in shadow zones, sound pressure levels 2—34104
  sheared flow in duct with transverse temp. gradients 2—28741
  single crystal piezoelectric materials for surface acoustic waves 2—20933
  sonic booms, conference, Acoustical Soc. America, (Houston Texas 1970) 2—34102
  sonic booms, effects of atmospheric irregularities 2—37186
  sound field in media having pathwise variable vertical sound velocity profile 2—5222
  sources at finite distance, in space formed of two or more 2—23355
  speed of propagation from theory of sound based on relativistic kinetic gas theory 2—28730
  striated frog muscle, extensional characteristics 2—37442
  surface, ridge guide, pseudo-Rayleigh mode 2—37755
  surface wave electron interactions in solids 2—22416
  surface waves on piezoelec. substrates 2—32821
  suspensions, wave equation 2—35806
  transducers, performance degradation using onionskin for decoupling 2—14273
  underwater 2—34103
  underwater sound channel, analytical study of propagation 2—2243
  underwater sound channel, qualitative study by geometrical optics and ray theory 2—2242
  vibrational relaxation times of methane and O_2 at increased pressure 2—14258
  volume modes with surface cond. gratings, excitation and detection 2—40052
  waveguide, effects of scattering by rough boundary on sound field 2—37752
  waveguides, acoustically soft, doubly connected cross-section, and using conformal mapping 2—20924
  waveguides, mechanical, sound detection in resonant vessels 2—17389
  waveguides, microsound, and components 2—5221
  $Bi_{12}GeO_{20}$, Rayleigh waves, using interdigital transducers and optical probing 2—19412
  $Bi_{12}GeO_{20}$ surface wave velocities, electromechanical coupling 2—29539
  GaAs, surface wave parameters meas., in 100 MHz region 2—14256
  p-InSb, hyperfreq. surface waves, crossed mag. and elec. fields 2—6842

Acoustic wave propagation continued
$LiNbO_3$, apodized interdigital transducer, surface waves, wavefront distortion 2—9878
$LiNbO_3$, mixing of noncollinear elastic surface waves 2—9869
in TeO_2, phase velocity surfaces and ray directions, existence of transverse mode 2—16020
ultrasonic
absorption in concentrated polymer solns. in toluene and methyl ketone 2—27253
in acousto-optical deflector 2—2436
alkali halides, dislocation charge obs. 2—29180
antiferromagnets, cubic, nuclear acoustic reson., reson. absorpt. linewidth 2—40789
Bleustein waves, nonlinear effects 2—25670
bubble chambers, dynamics of vapour bubbles in liquid H_2 2—28771
caprolactam and N-methyl derivative. solution in toluene, relaxation processes analysed 2—12560
cholesteric liquid cryst., viscosity obs. 2—12559
condensed matter, hypersonic techniques 2—36336
curved transmission lines, vibrations and wave characteristics 2—37754
cylindrical h.f. ultrasonic concentration in dissipative media 2—27252
delay lines, zero temperature coeff., synthetic quartz crystals 2—5231
electron-phonon interaction and spin-phonon interaction studies 2—40189
ferroelectric, oxygen-octahedra type, theory 2—19756
filters, u.h.f., frequency response, delay lines 2—20928
inert gases, liquefied appl. of Rao's rule 2—3387
interdigital surface wave grid response 2—32819
isopaustic glass, delay time variations and instabilities 2—16023
isotropic liquid layer, laser holography obs. of 1 MHz standing wave 2—27539
light diffraction spectrum, intensity distribution, calculation by method of successive diffraction 2—17690
liquid-filled resonant systems, excitation of fractional harmonic waves 2—28846
metal, damping of h.f. waves, theory 2—19406
multipath due to surface reflection, application to underwater telemetry 2—164
nematic liquid cryst., transverse wave propag., hydrodynamic theory 2—32239
in oil, elastic oscillation excitation by magnetic field, resonance characteristics 2—1093
organic crystal, interaction with e.m. waves 2—1427
oxide ceramic, defect obs., elastic consts. 2—12978
piezodielectric-semiconductor boundary, Rayleigh waves 2—29524
piezoelectric, optical probing of internal behaviour of surface waves 2—29517
spectra, real time dispersive analysis using ultrasonic waveguide 2—5247
superconductors, type I and type II 2—40189
surface wave nonlinearity enhancement due to charge carrier coupling 2—40051
surface waves, nonlinearities detection by light diffr. 2—29518
testing, Cagniard method for spherical elastic waves 2—20922
thin ribbon waveguide, surface acoustic waves, broadband excitation 2—40053
tourmaline, assessment as acoustic surface wave delay medium 2—40055
visualization in solids and liquids, schlieren apparatus 2—37765
water, effect of mag. field 2—18820
water stream, amplitude and phase modulation, turbulence effects 2—28849
water stream, amplitude modulation and turbulence effects 2—28848
waveguides, det. of temp. coeff. of group delay time 2—27233
Ag, cold worked, internal friction, low temp. 2—12828
Ar, solid, phonon dispersion and damping 2—19407
$Ba(Ti_{0.95}Zr_{0.05})O_3$ ceramic plates, surface wave propag. characts. 2—19408
CdS, acousto-electric oscill., Brillouin scatt. by coherent ultrasound 2—16584
CdS, nonlinear surface-wave interactions 2—4055
Ge, Ge:Sb, electronic effects, intervalley relaxation 2—40054
KH_2PO_4 and KD_2PO_4, quantum acoustics of ns. hypersound pulses 2—32822
$LiNbO_3$, acoustic correl. and convolution using nonlinear surface wave interactions 2—29548
$LiNbO_3$, quantum acoustics of ns. hypersound pulses 2—32822
in$LiNbO_3$ Y cut, piezoelectric surface wave, parameters determined by numerical analysis 2—5216
$LiTaO_3$, quantum acoustics of ns. hypersound pulses 2—32822
$Pb(Zr,Ti)O_3$ ceramic plate, surface elastic wave propagation characts. 2—29531
SbSI, second harmonic generation 2—6666
YIG:Ga, on GdGa garnet substrate, acoustic surface wave isolator 2—40065
Acoustic waves
see also Diffraction; Interference, etc.; Elastic waves; Shock waves; Ultrasonics
acoustic, filters and materials, conference (San Francisco, Oct. 1970) 2—20936
acoustic-gravity wave calc. in layer with linear temp. variation 2—37185
acoustic-gravity wave generation at 120 km by sea level detonation 2—37190
acoustic-gravity wave propagation in measured atmosphere 2—37184
acoustic-gravity waves in atmos., short period, anal. of spatial coherence 2—37182
in afterglow of weakly ionized He plasma at low pressure 2—12443
atmospheric, co-phase analysis technique for detection and parameter est. 2—37140
detection, using piezoelectric field effect transducer 2—20934
directive sources, far-field finite-amplitude radiation 2—27239
in drifting plasma, amplification, in presence of electric field 2—28629
elastic fluid, sampling statistics for cylindrical mode 2—34069
e.m. excitation in metal plates 2—5228
emission, for in-service monitoring of reactor pressure vessel 2—28158
excitation in K-seeded flame 2—39284
fixed receiving point problem in channels with constant sound speed gradient 2—34094
fluid, field coupling with infinite plate vibr. 2—30863
focusing, det. of radial mode eigenfrequencies of solid sphere and hollow sphere 2—37753
generation due to frontal collision of two pairs of vortices 2—18738
gravity, acoustic generation and detection in atmosphere 2—4672

Acoustic waves continued
holography, cholesteric liquid cryst. area detector, acoustical holograms at 5 MHz in water 2—21124
infraacoustic, generation and detection in atmosphere 2—4672
ion, dispersion in magnetized plasma 2—3233
ion acoustic waves, causing ion heating 2—3240
ionic sound stationary waves set up in anodic light of electric discharge 2—18706
Love surface waves excitation in thin film layer by line source 2—17387
materials testing, acoustic emission techniques, review 2—22314
mode conversion coeffs. for normal incidence on interface between media 2—5217
multiple frequency CW source of finite amplitude, derivation of spectrum 2—14267
near- to far-field transition region characteristics for underwater line and disk sound transducers 2—34122
plasma, nonlinear interaction with ionization waves 2—32083
plasma cylinder in uniform mag. field, ion sound oscills., acoustic waves 2—15487
in plasma sheath, amplification 2—28628
quartz, detn. by laser beam intensity modulation 2—16019
radiative relaxation in optically thin isothermal atmosphere 2—37412
ray theory, series expansions in terms of phase vel. 2—27235
ray tracing in curved medium, calc. 2—27245
solar atmosphere, emission of acoustic noise by convective turbulence, directional dependence 2—37422
solar atmosphere model, acoustic natural modes rel. to 5 minute periodicity in gas vel. in photosphere and chromosphere 2—14018
sound field excitation by transducer loaded on liquid wedge 2—5241
sound field of elliptical cylinder executing harmonic vibrations 2—27237
sound field visualisation by optical holography 2—5244
surface, electronics applications 2—23381
surface wave convolution, nonlinear material evaluation 2—19414
triglycine sulphate, ferroelec., acoustic emission on polariz. reversal and phase transition 2—13030
vibratory energy converter for redirection of rearwardly directed vibratory energy to front face of transducer 2—30871
visual displays of, book 2—27276
v.l.f., atmospheric, array data processing, real time, fast frequency-wavenumber anal. and Fisher signal detection 2—37183
v.l.f., atmospheric, correlation of winds and geographic features with production 2—37181
v.l.f., atmospheric, disturbances related to thunderstorms and severe weather 2—37124
v.l.f., discrete trains, produced by point sources in atmosphere 2—37180
v.l.f., radiated by seismic waves, obs. for det. of wave characteristics 2—37082
$Al_2O_3.TiO_2$-$MgO.2TiO_2$, microcrack monitoring by acoustic emission 2—29381
B/epoxy composite, fibre breaking, acoustic emission obs. 2—19211
B/epoxy composite, fracture surface energy rel. to acoustic emission 2—32644
$BaTiO_3$, ferroelec., acoustic emission on polariz. reversal and phase transition 2—13030
effects
see also Chemical effects of radiations/acoustic waves
alkali halides, deform. and internal stresses 2—6537
alkali metals, Knight shift 2—16655
amoeba growth, cavitation effects at 1MHz 2—11196
benzene, u.s. excited shift in u.v. absorption band spectra 2—18485
boiling of org. liquids 2—28959
chemical transport in systems saturated with Ar 2—30044
crystallization processes 2—32404
desorption of xanthate from sulphide minerals 2—29069
diffraction of Gaussian light beam by ultrasonic cylindrical standing waves 2—34502
DNA degradation in high-intensity focused fields at 1 MHz 2—11195
electrical impedance changes in guinea pig cochlea 2—23180
electrochemical reduction and oxidation processes in u.s. field 2—30071
ferroelectric matials, acoustic surface waveguide 2—29541
flame, disturbing action on turbulence characteristics of flow into combustion front 2—23402
flow stability and structure 2—6144
foetus, u.s. effects 2—5245
gas bubble growth 2—15559
glass fibre, mechanical strength, effect of vibrations 2—19195
light diffraction efficiency of acoustic surface waves on quartz 2—5423
liquid surface, rupture and fountain effect 2—28847
mammalian central nervous system, intense u.s. interaction 2—30668
metal, u.s. fatigue 2—39818
n.m.r., u.s. saturation 2—10531
nuclear polarization by u.s. 2—26097
nuclear track emulsions, acoustic treatment at 50 Hz of mounted layers, accelerated diffusion of developer 2—27918
physiological effects of infrasound 2—37443
reduction, of internally excited closed cylindrical shell 2—37749
shear layer excitation in fluids 2—905
sonic boom responses and damage to buidling structures 2—34153
standing radial wave in gas filled cylindrical cavities, alternatively divergent and convergent lenses 2—5409
steel, plastically deformed, second order residual stress, u.s. effects 2—36117
steel, surface hardening, u.s. and vibromagnetic methods 2—36196
stream form. in fluids 2—28475
subharmonic bubble oscillations in water 2—28770
surface, reflection of light, intensity distrib. and phase modulation 2—14446
two-phase flow, air through packed spheres 2—31901
ultrasonic damage, primary sites, safety in medicine 2—17107
ultrasound, red blood cell flow arrest 2—17108
velocity fluctuation and vortex shedding in shear layer behind circular cylinder in air flow 2—35648
vibrations in a water-filled cylindrical tank 2—3386
Al, u.s. fatigue 2—39818
Cu, effect of u.s. vibr. on single cryst. hardening curve 2—36195
Cu, polycrystalline sample, effect of Hg on breaking strength, under effect of u.s. vibration 2—6557
Fe powder, vacuum hot pressing, u.s. waves 2—1347
H_3AsO_4, oxidation, u.s. field effect 2—30067
He-Ne laser, environment effects on frequency 2—23596

Acoustic waves continued
- **effects** continued
  - Ni, microhardness increase under action of u.s. waves 2—9663
  - Ni powder, vacuum hot pressing, u.s. waves 2—1347

Acoustical laboratories
- anechoic and reverberant rooms at the Building Research Station 2—11359
- with anechoic chamber reverberation rooms, building in Southampton, England 2—172
- talks studios, permissible bass rise obs. 2—27232
- wedges of polyurethane ether foam for anechoic rooms, cut-off frequency 50 to 60 Hz 2—2254

Acoustical measurement
- *see also Interferometry/acoustic waves; and under separate subjects e.g. Intensity measurement/acoustics*
- absorption coeffs. at high intensities, sound reduction in jet engine nacelles 2—4045
- analogue reverberation processor design 2—30875
- architectural acoustic behaviour of thin plates, investigation using capacitance transducer 2—37768
- atmospheric infrasonic waves, detection by pipe arrays, coherent noise from turbulent boundary layers 2—37175
- atmospheric infrasound propagation characteristics and measurement systems 2—37172
- atmospheric microbarograph pipe arrays, detection of infrasound modes 2—37174
- atmospherics infrasound, microbaroms caused by interfering ocean waves 2—37176
- composite sound loudness eval., optimal method 2—34147
- in concert halls, space effect measurements 2—17403
- critical bands in meas. of loudness, threshold, two tone masking, roughness, tonal resonance 2—23384
- dimension ratios of rectangular rooms with good distribution of eigentones 2—17400
- emission monitoring, MTS modification to testing machine 2—37766
- geoacoustic data, digital acquisition and processing system 2—37078
- impedance of duct liners in presence of grazing mean air flow 2—27281
- integrated pulse technique for meas. of absorpt. techniques 2—34143
- isobar plotting of sound field by colour lights 2—23388
- loudness level, recommended procedures 2—34145
- loudness level of impulsive sounds 2—34146
- loudspeaker system, free field frequency response and harmonic distortion 2—169
- marine sediments, in-situ acoustic probe 2—40905
- natural background infrasound, from Apollo 14 and aircraft 2—37179
- numerical techniques applic. 2—27284
- optical sound spectrograph synthesis 2—20940
- power, wideband sound source techniques 2—2252
- power spectral density functions calc., digital computer programs 2—23314
- pyroelectric effect uses 2—5246
- spectral analyzer with twin-T bridge, improvements 2—27280
- traffic noise level, disturbance correlated to stat. fluctuations, apparatus 2—23387
- underground storage reservoirs, determination of shape and volume by hydroacoustic survey, errors 2—37760
- underwater sound recording analysis 2—22951
- underwater sources detection, by microwave radiation, reflected from water surface 2—14274
- underwater transducers, calibration at high u.s. frequencies 2—34124
- u.s. attenuation and velocity in solids, meas. system, 78-350K 2—12859
- u.s. leakage detection by piezoceramic tuned transducer 2—13323

Acoustics
- *see also Acoustic resonators; Architectural acoustics; Atmospheric acoustics; Hearing; Noise/acoustic; Sound reproduction; Speech; Ultrasonics; Vibrations*
- acoustical-optical sonagraph, synthesis 2—38103
- acousto-optical filter, aperture-bandwidth characteristics 2—38127
- complex tone quality, influence of phase differences 2—34106
- computer-synthesized sounds and tone quality 2—23383
- conference, Budapest, Hungary, (Aug. 1971) 2—27236
- conference, Budapest, Hungary, (Aug. 1971) 2—27234
- conference, Budapest, Hungary [Aug. 1971] 2—34098
- design principles 2—37748
- digital computer applics. in research 2—23353
- echo sounding of atmospheric temp. and velocity structure 2—1840
- focal field, flat, u.s. beam, velocity potential calc. 2—2239
- holography, Doppler effect 2—31072
- holography, present status 2—23651
- impulsive wave method for geological survey 2—30223
- infrasonic sound, mechanical and biological effects 2—23352
- microscope, laser, scanning, operating characteristics 2—283
- nonlinear, existence 2—34097
- nonlinear, theory and measuring techniques 2—23356
- plasma, gas diode microphone 2—35548
- radar, design and operation for atmospheric variables measurement 2—20312
- radiation resistance of baffled vibrating beam 2—34100
- radiation resistance of vibrating rectangular panel 2—34508
- reading device for use with differential Hg manometer, engineering characteristics 2—17176
- relaxation phenomenon, thermodynamics theory 2—11366
- reverberation chamber, 100-4000 Hz, homogeneous sound field study 2—27238
- underwater past 20 years 2—37108
- underwater velocimeter, using h.f. CW resonance technique 2—27274
- velocity of sound expts. in undergraduate phys. lab. use of computer for analysis and simulation 2—14059
- 7th International Congress proceedings, Budapest (1971) 2—23351
- **musical**
  - *see also Musical instruments*
  - bass singers, voice source props. 2—37456
  - concert auditoria, subjective acoustic experience, results of questionnaire 2—17401
  - electro-acoustics, review 2—34096
  - laboratory expts. for music majors 2—27002
  - octave interval perception 2—37493
  - optimal ratio of direct sound to reverberation energy for a musical test sequence in synthetic sound field 2—37778

Acoustics continued
- **musical** continued
  - orchestral studio, scale model and acoustic quality improvement 2—34159
  - pitch of complex tones and the octave interval 2—17378
  - pitch shifts of harmonics, octave enlargement phenomenon 2—37494
  - pitch-period extraction methods 2—34130
  - rock and roll music, effect of exposure on hearing threshold level 2—37472
  - scales, tonetical concept, Galois Field struct. 2—23380
  - spectrum amplitude distribution of orchestra music 2—170
  - string vibr. nonlinearities 2—34068
  - teaching, musical acoustics course stressing electronics and acoustical measurements 2—4

Acousto-optical effects
- anistropic cryst., diffr. by u.s waves 2—29878
- Bragg imaging with finite amplitude u.s. waves 2—33212
- critical mixture, diffr. on u.s. waves, fluctuation phenomena 2—28858
- deflection system for use with multilaser arrays in optical memories 2—1665
- deflector, high resolution 2—2436
- diffraction by parallel supersonic waves 2—27604
- diffraction by supersonic waves, Raman-Nath eqns., soln. 2—31103
- diffraction efficiency of acoustic surface waves on quartz 2—5423
- diffraction grating, noninterference sampling method, CO_2 laser 2—7919
- diffraction of Gaussian light beam by ultrasonic cylindrical standing waves 2—34502
- diffraction of light by u.s. waves in crysts., elastic nonlinearity 2—7037
- ferroelectrics applics., review of developments in Europe 2—40340
- figure of merit, from chemical composition, density 2—4440
- fluctuations of laser light diffracted on u.s. wave in inhomogeneous medium 2—27533
- glass, electrostrictive laser beam focusing and small scale track formation 2—29862
- intensity distrib. of laser light diffracted on u.s. wave 2—27534
- laser beam deflectors, resolution 2—2404
- laser beam scanners and deflectors 2—7943
- lasers, pulse modulation 2—21134
- light beam modulation, effect of progressive u.s. fields on variable width beam 2—27603
- light deflection, first order beam steering transducers, design considerations 2—5424
- light deflectors, resolution 2—14455
- liquid, rel. to suitability for device appl. 2—25085
- liquid, rel. to suitability for device appl. 2—25086
- metal surface, acoustic phonons, Brillouin scatt. 2—16453
- mode conversion and light deflection of optical guided waves due to surface acoustic waves 2—38079
- modulator for dye laser mode locking 2—17609
- opaque cryst., optically-excited elastic waves 2—6659
- optical guided wave, mode conversion by acoustic surface waves 2—5294
- piezoelectric, optical probing of internal behaviour of surface waves 2—29517
- proustite, frequency dependence of acoustic absorption and use of single crystals 2—6664
- reflection-diffraction from u.s. surface waves, nonlinearities detection 2—29518
- semiconductor, hypersonic attenuation due to optically excited carriers 2—9875
- semiconductor, hypersonic attenuation via exciton-phonon interaction 2—9876
- ultrasonic amplitude and phase visualisation and recording in liquids by double interaction with light 2—37762
- u.s. attenuation meas. in delay line bonding layers 2—40060
- u.s. wave density and press. distrib. plotting method 2—27250
- As_2Se_3, vitreous, figures of merit, applic. to i.r. modulator 2—33214
- CdS, Bragg diffr. on surface acoustoelec. domains 2—29547
- CdS, diffraction of light by acoustoelectric surface domains, power density as function of depth, frequency spectrum det. 2—32840
- CdS, light scattering by acousto-optical domains 2—16455
- CdS, optical-transmission modulation by acoustoelec. domains 2—7062
- CdS, optical modulation by acoustic phonon flux 2—22790
- CdS, photosensitive u.s. attenuation as tool for photocond. and optical absorpt. obs. 2—16025
- Ge, hypersonic attenuation due to optically excited carriers 2—9875
- Ge, hypersonic attenuation via exciton-phonon interaction 2—9876
- α-HgS, cinnabar, acousto-optic figures of merit 2—19973
- $LiNbO_3$, visualization of acoustic radiation 2—19409
- $Pb_5(GeO_4)(VO_4)_2$ crystals 2—36828
- $PbMoO_4$, suitability for Nd:YAl garnet intracavity acoustooptic modulation 2—4439
- TeO_2, characterization rel. to growth technique 2—15692

Acoustoelasticity *see Elasticity*

Acoustoelectric effects
- *see also Acoustic wave amplification*
- chains, frequency response and subjective sensation 2—23360
- degenerate electron gas, acoustic sum- frequency generation, discontinuities in nonlinear increase 2—13214
- domains on transverse surface wave in piezoelectric semiconductor 2—29690
- electron gas, interacting, coupling of acoustic and cyclotron waves 2—9944
- energy losses by hot electrons, role of coupling constants 2—13071
- ferroelectric matials, acoustic surface waveguide 2—29541
- nonlinear theory, amplitude saturation, oscillator applic. 2—25677
- oscillator, static field distrib. effect on mode behaviour 2—6672
- oscillator with arbitrary static field distrib., linear theory 2—25676
- periodic structure of interaction of conducting pseudoperiodic grating with volume acoustic modes of piezoelectric crystal 2—25679
- photoconductors, acoustoelec. aftereffect 2—36345
- piezoelectric semiconductor, acoustic amplification, associated microwave radiation power 2—36342
- piezoelectric semiconductor, parametric interactions 2—4054
- piezosemiconductor, high field domains, Fourier analysis 2—29544
- piezosemiconductor, oscillations, computer simulation 2—29540
- piezosemiconductor, surface domains 2—29543
- plasma, solid state, collision dominated, interaction of randomly phased vibrational waves 2—1428
- radiation pressure 2—25678
- reverberation suppression by electroacoustic devices 2—5243
- semiconductor, electroacoustomag. effect 2—6671
- semiconductor, nondegenerate, gain in magnetic fields 2—22415

Acoustoelectric effects continued
semiconductor, piezoelec., nonlinear theory 2—19418
semiconductor, piezoelec. oscillator platelet 2—19419
semiconductor, piezoelectric, intrinsic and impurity absorpt., calc. 2—40653
semiconductor, surface waves coupling 2—22413
semiconductor, transport theory 2—9880
semiconductor with hot electrons under a magnetic field 2—9881
semimetal, electroacoustomag. effect 2—6671
semimetal, e.m. excitation of sound, deformation mechanism 2—6673
surface domain, transverse structure in piezo-semiconducting body, linear approx. for generation threshold conditions 2—25669
surface wave electron interactions in solids 2—22416
transverse surface waves, spontaneous oscillations generator 2—25680
u.s. flowmeter, one-path 2—31925
violin freq. response meas. 2—30872
BaTiO$_3$-CdSe, two layered system, u.s. amplification and absorption, electron-phonon interactions 2—13032
Bi$_{12}$GeO$_{20}$ surface wave velocities, electromechanical coupling 2—29539
CdS, acoustic strain, Brillouin spectra and birefringence obs. 2—26114
CdS, Bragg diffr. on surface domains 2—29547
CdS, Brillouin scatt. by coherent ultrasound 2—16584
CdS, contrib. to phonon damping 2—33289
CdS, current instabilities, unified model 2—36347
CdS, diffraction of light by acoustoelectric surface domains, power density as function of depth, frequency spectrum det. 2—32840
CdS, domain form., low temp. effects 2—16029
CdS, domain propagation, elastic anisotropy effects, Brillouin scatt. obs. 2—36348
CdS, electron damping and amplification of Lamb waves 2—22414
CdS, off-axis acoustoelec. domains, Brillouin scatt. 2—4056
CdS, on Brillouin scatt. obs. 2—26200
CdS, optical-transmission modulation by acoustoelec. domains 2—7062
CdS, surface-wave interactions, nonlinear, acoustic convolution 2—4055
CdS, surface domains investigation by method of acoustoelectric detection and properties of detector 2—25681
CdS detector for h.f. electric signals using acoustoelectric surface wave field in piezo-photo-conducting crystal 2—23429
CdSe, temp.-elec. skin effect rel. to continuous sound generation 2—13223
CdSe film on Ba$_x$Sr$_{1-x}$TiO$_3$ substrate, I-V characts., supersonic carrier drift vel. 2—19416
GaAs, linear and nonlinear growth of acoustoelec. current 2—16030
GaAs, microsconic analogue to laser oscillating acoustoelec. domains 2—36349
Ge, acoustical phonon generation rel. to electron drift vel. saturation 2—6846
In films, electromagnetic generation of transverse acoustic waves at 9 GHz 2—13119
InSb, acoustic amplification in crossed elec. and mag. fields 2—32835
n-InSb, electric field dependent motion of acoustic domains 2—36350
InSb, hot electron interaction with 9.4 GHz waves 2—32841
n-InSb, magnetic field dependence 2—4057
n-InSb, mode I excitations in transverse mag. fields 2—19420
LiNbO$_3$-Si, layered struct., Rayleigh u.s. wave packets, transverse effects 2—13036
LiNbO$_3$, ferroelec., piezoelec. leaky surface wave propagation and amplification 2—22412
Pb(Zr.Ti)O$_3$ ceramic/Ge wafer layers, surface acousto-electric amplification 2—19677
Si, u.s. attenuation by acceptor holes 2—13037
Te, amplification, studied using epitaxial Se transducers 2—10035
Te, intervalence band traisition, modulation by acoustoelec. domains 2—7075
ZnO, acousto-electric oscillator, effect of uniaxial stress on modes 2—4058
ZnO, off-axis acoustoelec. domains, Brillouin scatt. 2—4056
ZnO single crystals, uniaxial pressure effects 2—1429
ZnS:I, rel. to low voltage electrolum. 2—36966

Acoustomagnetic effects *see Magnetoacoustic effects*

Actinide compounds
alloy, supercond., model obs. 2—29639
carbides, phonon spectra and electron-phonon coupling const. 2—29644
magnetic behaviour 2—40404
as nuclear fuel materials 2—18261
nuclear spin-lattice relax. in paramagnetic state, model 2—7009
oxides, crystallographic shear relations between α-UO$_3$, CaF$_2$, La$_2$O$_3$ and NaCl structure types 2—3738
platinum metal-actinide-carbon system, C-stabilized ordered phase form. 2—29493
spin fluctuations and anomalous resist. 2—40409
spin polarization and spin fluctuation interactions 2—40440

Actinides
atomic spectra, interpretation problems 2—21501
bonding, transport and electronic properties, review of research progress 2—29076
energies of electronic configurations of singly, doubly, and triply ionized 2—2942
heavy elements, electronic structure calc. 2—21498
impurity in La, effects on supercond. 2—19583
magnetic behaviour 2—40404
melting, volume contraction 2—35825
metallic, magnetic properties 2—4342
Mossbauer effect spectroscopy nuclear transitions 2—21402
neutral atoms, energy difference between f^{q}ps^2 and f^{q+1}s^2 electron configurations 2—592
spectra and metallurgical properties 2—21502
spin fluctuations and anomalous resist. 2—40409
superconductivity, model obs. 2—29639
superconductivity, review 2—13147
transplutonium elements, conf., Argonne USA (1971) 2—21346
transplutonium elements, reserach status report 2—21347

Actinium
superconductivity, review 2—13147

Actinium compounds
No entries

Actinometry *see Photometry*

Activation analysis *see Chemical analysis/by nuclear reactions*

Active nitrogen *see Nitrogen*

Active oxygen *see Oxygen*

Adhesion
bond eval. procedures, 'C' scan U.S. signal applic. 2—32670
bond strength testing by proof stressing method 2—32666
composite material, fibre-matrix adhesion rel. to mech. props. 2—9782
crystalline particles, adhesion forces distrib. during compression 2—32752
deposited films, increase using ion plating 2—9255
diamond/metal compound, rel. to heat source/heat sink contact in microelectronics 2—15950
film, to substrate, rel. to substrate surface chem. 2—39474
film-substrate interface deadherance due to tensile stresses, model 2—29018
fluorescein and halo-fluorescein dyes, dimerization, contribution of hydrophobic bonding 2—22876
in instrumentation assembly 2—19291
metal, cryst. struct. and defect effects 2—3921
metal compatibility determ. by static friction tests 2—29458
metal compatibility effects on tribological characts. 2—29343
metal film, to glass and MgO, tangential shear meas. 2—3977
metal to metal joints, testing, application of liq. crysts. 2—32238
non-destructive testing of adhesive bonded metal-to- metal joints 2—32676
normal force, real time anal., u.h.v. apparatus for obs. 2—30736
photoresist, critical surface tension determ. 2—3518
plasma process for strong bond production 2—39973
cis-polybutadiene, tack mechanism 2—39975
rubber and cord, fatigue characteristics 2—29459
secondary conditioning, chemical treatment 2—15949
sprayed coating/substrate, improvement on press-sintering 2—1339
steel bimetal structure, cohesion depend. on deformation 2—1363
steel bimetal structure, cohesion strength, influence of thermal cycling on compatibility 2—1364
thermoplastic/C-fibre reinforcement, rel. to strength 2—1336
wear, and abrasive wear quantitative study 2—29338
Ag film, dynamic obs. using mechanical vibration 2—18931
Al$_2$O$_3$-MoMn bond strengths, sintering conditions effect 2—32753
Cr film, on glass 2—39501
Cu-Al(Sn) alloys, surface segregation effects 2—22303
Cu-Al(Sn) alloys, surface segregation effects 2—22303
Cu, plating, on Fe, bonding strength 2—19292
Fe, cast, spheroidal graphite, wear mechanism in dry sliding 2—22296
Fe, clean surface, of metals, LEED and Auger spectroscopy study 2—39974
Fe, LEED, Auger spectroscopy and microcontact obs. 2—39848
Ni, electroless deposit on glass, electron microscope obs. and mechanism 2—32372
Pb, on steel plate, grain boundary impregnation 2—3978
Pt/Au thin films couples on Si substrate, and diffusion obs. 2—39745
SiO$_2$ colloidal, on glass 2—32395

Adiabatic demagnetization *see Magnetic cooling*

Adion *see Adsorption*

ADP (ammonium dihydrogen phosphate) *see Nitrogen compounds/ammonium compounds*

Adsorbed layers
acetone induced proton transfer with water 2—4573
adsorbent surface area estimation, monolayer capacity determ. from adsorpt. isotherms 2—32387
alcohols on Al, low-energy surface, adsorption of alkanes 2—22081
alkaline earth metal, on W, influence on work function 2—6916
anthraquinone molecules, on W, energy distrib. of field emitted electrons 2—29075
atoms, on W, ionization by electron impact 2—29072
benzene, on C black, chem. pot., heat of adsorpt rel. to surface coverage 2—35907
benzene induced proton transfer with water 2—4573
benzene on NaY-zeolite, proton relax., —140 to 80°C 2—26086
p-benzoquinone on TiO$_2$ surface, bonding, e.p.r., i.r. spectra 2—29058
benzoyl peroxide on synthetic faujasite, decomp., chemiluminescence 2—13573
capillary condensation, chem. pot. changes, thermodynamic treatment 2—32388
carbide on Pt(111) surface, Auger effect, LEED 2—6385
chemical redox couples on ZnO, surface state energy level obs. 2—6840
chlorophyll-a films, conductivity and photovoltaic effects 2—26942
complex formation and structure obs. on chemisorption of gases on clean Si and Ge surfaces 2—10619
copper stearate, struct., e.p.r. obs. 2—13546
cyclohexane, cyclohexene on NaY-zeolite, proton relax., —140 to 80°C 2—26086
density distrib. function in gaseous phases, WKB method applic. 2—12677
density distrib. functions 2—25218
detection, on thin self-supporting film, quartz vibr. method and ion energy loss meas. 2—39548
at electrode/electrolyte interface, specular reflection obs. 2—9301
electronic struct., field emission energy distrib. 2—18954
ethanol, on C black chem. pot., heat of adsorpt. rel. to surface coverage 2—35907
ethanol on pyrographite, surface energy, cleavage, crack development 2—28998
field ion microscopy, visibility 2—6364
rel. to film thickness measurement, errors in Tolansky method 2—25191
Hubbard's Hamiltonian, electronic struct. and binding energy 2—12680
Hubbard Hamiltonian for surface mols., ground state energy 2—32389
hydroxyl groups on solids, line shape problem of p.m.r. 2—10536
at interfaces, conf., London, England, Dec. (1970) 2—9298
at interfaces, internal reflection spectroscopy 2—9302
at interfaces, optical methods for obs. 2—9299
ionic monolayers, on metals, energy calc. for like ions 2—29067
ionic monolayers, on metals, neutral mixed layers and surface reconstruction 2—29068
ionic thermally stimulated cond. on dielec. and semicond. surfaces 2—29744
i.r. spectroscopy, sensitivity improvements 2—15673
LEED, comparison of backscattering intensities 2—29055
LEED, insight into interactions of ordered adsorbed phases 2—6300
LEED studies, struct. determ. 2—28987
lipids, bimolecular membranes, semiconductive and photoconductive properties 2—26941
localized vibr. freqs. calc. method 2—18917
localized vibr. modes, model calcs. 2—32323
on metal particles, enhancement of sintering, control by choice of impurity additive 2—22326

Adsorbed layers continued
  monolayer assemblies, chromophore interactions 2—35374
  monolayer points, determ. from isothermal plots 2—39541
  in nuclear reactors, effects, velocity of sound in CO_2 2—3328
  ordering, rel. to LEED beam splitting 2—3555
  organic molecules, on field emitter, effect on emission, model 2—29781
  oriented molecular layers, specular reflectance and ellipsometric spectroscopy 2—26110
  oxide film on Ta substrate, quantitative X-ray emission analysis 2—12670
  oxide on Pt, Au and Ni substrates, specular reflection spectra, monolayer thickness range 2—9310
  oxide surface, role in exo-emission 2—4314
  oxygen on Pt, Au and Ni substrates, specular reflection spectra, monolayer thickness range 2—9310
  polymer, mol. conformation, ellipsometry obs. 2—9303
  polymers at solid-solvents interface, layer thickness adsorption isotherm 2—15671
  polystyrene on Au films, calorimetric i.r. spectroscopy 2—18955
  polyvinylacetate, at water/air interface, monolayer collapse 2—1090
  polyvinylacetate, at water/air interface, monolayer collapse 2—1089
  reflection spectra, theory 2—9300
  solid particle contact interaction with polymer surface molecules 2—25232
  on titanate ceramics, polarized, effects on pot. distrib. 2—16300
  u.v. photoemission spectroscopy of adsorbed layers on metals 2—36625
  water, controlling effect on elec. active struct. of cryst. surfaces, informational props. 2—29062
  water molecules on zeolites, clays and micas, hydrogen bond and intermol. interactions 2—10618
  water on alkali halide films, i.r. spectra, H-bond vibration 2—9305
  water on dispersed silica, forms of adsorbed and struct. water 2—29064
  Ag on Pt, specular reflection spectra, monolayer thickness range 2—9310
  Ba, on CaO, effect on thermionic emission 2—29784
  Ba, on W electron emitter, work function calc. 2—19794
  CO, on Cu and CuO, i.r. spectrum, reflection-absorption spectroscopy 2—7070
  CO, on W, vibr. props. 2—32396
  CO on metal surfaces, i.r. spectra using multiple specular reflection 2—12679
  CO_2 and O_2 contiguous layers, prep. on W or Ru 2—30062
  Co on Ni film, calorimetric i.r. spectroscopy 2—18955
  Cs, on W electron emitter, work function calc. 2—19794
  Cs on Ni, band struct. determ. from u.v. photoelectron spectra 2—36635
  Cs on W, ellipsometry, validity of Drude relations below monolayer coverage 2—15670
  Cu, treated with benzotriazole, surface film, i.r. and u.v.-visible refl. spectra 2—18959
  D_2, on NaCl and CsI, i.r. adsorpt. spectra, 20K 2—36881
  Ge, on W, thickness depend. of field emission 2—19796
  H atom, on metal surface, field ionization 2—39559
  H atom layer on Pt, inverse electroreflectance effect 2—9310
  H_2, on NaCl and CsI, i.r. adsorpt. spectra, 20K 2—36881
  H_2, on W, RHEED obs. of superstructure 2—29073
  HD, on NaCl and CsI, i.r. absorpt. spectra, 20K 2—36881
  H_2O, in presence of paramag. impurities, mol. mobility from n.m.r. obs. 2—25221
  H_2O, on $BaTiO_3$ powder, effect on dielec. props. 2—16282
  H_2O, on GaAs, effect on surface photovoltage 2—13346
  He atoms, bound state existence 2—25219
  He submonolayer, heat capacity 2—28926
  Ir(III)-C, dependence of thermoelectric current and In^+ current on degree of C coverage 2—9297
  Li, on Ta or W, effect on temp. depend. of thermionic emission 2—19798
  N_2 on W, sticking probabilities, surface coverage, molecular beam technique 2—25234
  NO-H_2, mixtures, on W, vibr. props. 2—32396
  Nd, on W(111) face, elec. field influence on coverage 2—9314
  O_2, chemisorbed on Re mol. beam obs. 2—35919
  O_2, on Au, optical constants, u.v.-visible specular refl. spectroscopy 2—10300
  O_2, on Mo, effect on emission electron microscope image 2—18960
  O_2 and CO_2 contiguous layers, prep. on W or Ru 2—30062
  on W tip, electromigration 2—6388
  S on Ni, band struct. determ. from u.v. photoelectron spectra 2—36635
  SiO_2 colloidal, monolayer, on glass 2—32395
  Xe, on graphite, LEED obs. of two dimensional phase change 2—25224
  Y on W surface, migration, elec. field effect 2—9313
  Yb, on W(111) face, elec. field influence on coverage 2—9314
Adsorption
  see also Chemical analysis/adsorption; Chromatography; Films; Heat of adsorption; Sorption
  5th international vacuum conference, Boston, Mass., USA, Oct. (1971) 2—41374
  adatom equilibrium concentration, external elec. field effect 2—12678
  adsorbent surface area estimation, monolayer capacity determ. from adsorpt. isotherms 2—32387
  adsorptive generation of low-energy fluorocarbon substrates 2—35905
  alkali halide films, of NO, i.r. spectra 2—1195
  alkene molecules on synthetic zeolites; e.s.r. 2—21656
  anomalous water, adsorption of H_2O on hydroxylic silica surfaces as mechanism of formation 2—9074
  Auger spectra, chem. shift interpret. 2—39542
  bubbles, molecules of surface-active substances onto growing surface 2—6224
  calcium silicates, hydrated, pore struct. analysis by water vapour adsorpt. 2—35910
  capillary condensation, chem. pot. changes, thermodynamic treatment 2—32388
  capillary condensation, cylindrical pore model with zero contact angle 2—35900
  cellulose acetate, of water vapour, effect on surface cond. 2—39547
  cement, portland, hydrated, pore struct. analysis by water vapour adsorpt. 2—35910
  cement, portland, hydrated paste, pore struct. analysis by water vapour adsorpt. 2—36269
  conference, solid-state adsorption and related topics, Hannover, Germany, 1971 2—6299
  cyclopentene cation radicals on synthetic zeolites, e.s.r. 2—21656
  ellipsometry, polymer adsorpt. obs. 2—9303
  ethylene layers, prefrozen, of Ar, heats, entropies and hysteresis 2—22088
Adsorption continued
  field, of Ne and He, binding energy, adsorption and desorption rates, field desorption 2—6382
  field induced ion adsorption, results and effects 2—6360
  field ion emitter surface, field adsorption of inert gas atoms 2—13363
  filamentary crystals, obs. of specific surface 2—19282
  gas-surface interactions, electron bombardment surface ion desorption obs. 2—29053
  gases, on Ni/Cu alloy single crystal surfaces, role of interaction energies 2—15675
  glass, adsorbed water layer, of Ar, thermodynamic props. 2—35913
  glass, Vycor, porous, of O_2, e.p.r. obs., 77K 2—35912
  glass-water system, phase transition, heat effects, dimens. changes in temp. cycles, 237-278K 2—35922
  graphite, of nonpolar gases, isotherms, isosteric heat data 2—6377
  graphite, of Xe, LEED obs. of two dimensional phase change 2—25224
  graphite, physical adsorption of gases 2—18957
  graphite, rare-gas plated, of He, analysis of single particle quantum states 2—15674
  graphite surface, NO treated, adsorptive props. 2—35908
  Graphon, of CO_2, isotherms, -80°C-+29°C 2—22084
  Graphon of n-alkane mixtures, heat of immersion, calorimetry 2—35909
  halide, layer-like, of rare gases, first layer formation by 2D condensation 2—22087
  on heterogeneous surfaces, site energy distrib., application of BET eqn. 2—35903
  heterogeneous surfaces, temp. independent distribution functions and their isotherms 2—3554
  ice, of CO_2, clathrate formation 2—22085
  ion microscope field, for picturing ion adsorption 2—6375
  ion pump, H_2 backstreaming when pumping hydrocarbons 2—39545
  ionic solid, localized physical adsorption equations 2—32391
  i.r. reflectance attachment for spectrophotometer for examination of surface chemistry of powder adsorbents 2—38154
  isotherm, exponential virial expansion 2—39540
  isotherm, temp. depend., calc. 2—32386
  isotherm eqns. applicable over wide pressure range, mathematical derivation 2—6363
  Knudsen's gas, rel. to surface heating 2—18752
  LEED beam intensity, inelastic processes effect 2—25220
  binary liquid mixture and its vapour adsorption isotherm at interface 2—39350
  Lunar regolith, of rare gases 2—37347
  of macromolecules, from soln., conditions for form. of multilayers 2—35930
  magnetic surface, of H_2, ortho-para conversion, n.m.r. obs. 2—6365
  measurement method for specific surface area of solid bodies 2—27021
  metal, of alkali atoms, effect on work function 2—4313
  metal, of nonpolar gases, isotherms, isosteric heat data 2—6377
  metal, of O_2, oxidation 2—3521
  metal, quantum theory, book 2—15672
  metal, quantum theory, review 2—15676
  metal film, of gas, sticking probability measurement 2—39546
  metal film, of gases, elec. resist. changes 2—32915
  metal film, of N_2, during reactive sputtering, influence of surface adsorp. characts. 2—22068
  metal film, reactively sputtered, surface absorb. characts. effect on compound form. or gas incorp. 2—39481
  metal surface, H ion, trapping, reflection and re-emission 2—39551
  metals, of He, Ne, Ar, atom probe field ion microscope obs. 2—9427
  in micropores, thermodynamics, generalized thermal eqn. 2—35901
  molecule-surface binding energies, meas. by time-of-flight diffusion method 2—18953
  molecules, adsorbed on homogeneous surface, adsorbate-adsorbate association 2—35902
  O quartz crystal, of Ar, n-hexane, and water vapour, piezogravimetric method of obs. 2—25223
  oxide, of nonpolar gases, adsorption isotherms, isosteric heat data 2—6377
  parameters det. from rate of movement of adsorbent particles 2—29052
  physical, adsorpt. curve at high relative pressures 2—35899
  piezogravimetric method for quartz surfaces 2—32394
  polymers, at solid-solvent interace, adsorption isotherm, layer thickness 2—15671
  polymethylmethacrylate, of benzene-carbon tetrachloride and chloroform-carbon tetrachloride solvents, selective adsorption investigation using proton spin-lattice relaxation times of solvent mols. 2—39393
  polystyrene, of benzene-cyclohexane solvents, selective adsorption investigation using proton spin-lattice relaxation times of solvent mols. 2—39393
  porous adsorbents, adsorbate solidification rel. to meniscus curvature 2—35928
  positronium atom surface states, weak binding 2—9296
  on powders, obs. using automated gravimetric system 2—22079
  processes on powder substances, measuring set up for spectroscopy in diffuse i.r. transmission 2—6362
  Pyrex glass, of mixed gases at very low press. 2—39564
  quartz, of water vapour, effect on surface cond. 2—39547
  quartz crystal surfaces, adsorption of alkylchlorosilanes 2—32394
  salt, of nonpolar gases, isotherms, isosteric heat data 2—6377
  Saran charcoal, of water, methanol, or benzene vapour, vol. change 2—3559
  silica, of benzene, mobility and diffusion, n.m.r. spin echo obs. 2—35929
  silica gels, specific surface areas, pore struct., adsorpt. and i.r. spectra obs. 2—35920
  silicas, porous and nonporous, of N_2, surface area calcs. by BET and α_s methods 2—35923
  solid-liquid ^{3}He interface energy transfer by adsorption-desorption processes 2—32296
  solids of arbitrary electron delocalization with adsorbed gas molecules, three-body nonadditive free energy 2—35372
  stainless steel, of Ar, Kr, N_2 and methane, isotherm meas. at 77 to 90K and 10^{-9} to 10^{-4} torr. 2—32390
  Teflon, of water vapour, effect on surface cond. 2—39547
  tetramethylethylene cation radicals on synthetic zeolites, e.s.r. 2—21656
  topological struct. of sites, estimation using virial expansion 2—29054
  water and aqueous solutions, of cetyl alcohol, drop growth passivation 2—1061
  water on silica surfaces, phase transitions 2—25233
  zeolites, e.s.r. of adsorbed alkene molecules 2—21656
  zeolites, of benzene, ^{13}C n.m.r. investigation 2—39550

Adsorption continued
- zeolites, Y, copper exchanged, e.s.r. and i.r. studies of NO adsorption and disproportionation, effect of CO 2—25226
- Ag, polycrystalline, of S from SO_2, Auger spectra and work function obs. 2—39552
- Al/alcohol, low-energy surface, of alkanes, and contact angle meas. 2—22081
- Al film, of water, nucleation and growth model 2—39553
- Al_2O_3 adsorption of methyl pyridine studied by i.r. spectroscopy 2—6367
- As, (111) surface, of evaporating As_4 molecules, residence lifetimes 2—25157
- Au film, discontinuing, resist., rel. to substrate absorpt. of O_2 2—40170
- BPO_4, of Ar, surface homogeneity obs. 2—22083
- BiOI crystal, of O_2, attachment levels, thermo-stimulated current 2—6805
- C, activated, of Ag^+ ions from soln. 2—39556
- C, active, of CO_2, butanes and CCl_4, pore struct. determ. 2—32751
- C, amorphous, of paramagnetic O_2 and NO gases, e.s.r. obs. 2—6378
- C, experimental relation between Dubinin-Polanyi and Langmuir eqns. 2—39555
- C, pyrolytic, of p-nitrophenol, rel. to surface oxidation state 2—4588
- C fibres and membranes, of Kr, surface props. study 2—3494
- CO on silica, i.r. spectra recorded and modifications studied 2—9304
- ^{13}C n.m.r. investigation techniques, applic. to benzene adsorbed on zeolites 2—39550
- $CaCO_3$, of oxygen, influence on thermoluminesc. 2—10450
- CdS, semicond., rel. to recomb. luminesc., surface band bending 2—22795
- Co, of S, structural study using LEED 2—6359
- CoO, of C_4, C_5 and C_6 hydrocarbons, heats of adsorption, gas chromatography determ. 2—25222
- α-Cr_2O_3, of CO_2, i.r. study 2—6381
- α-Cr_2O_3, of H_2O, D_2O and CO, i.r. study 2—6379
- Cs halide films, i.r. spectra and shifts of adsorbed CO 2—5918
- Cu, distinction between adsorbed sulphur and sulphides by Auger spectroscopy 2—39557
- Cu, of CO and Xe, LEED and surface potential study 2—12682
- Cu, of K, low and high conc. states 2—29063
- Cu and Ar-plated Cu, binding of He, meas. by time-of-flight diffusion method 2—18953
- Cu film, of Xe, physical, surface pot., surface roughness effect 2—9315
- CuO_2, semicond., rel. to exciton luminesc., elec. cond. 2—22796
- Cu(100), of CO, structural influences on adsorption energy 2—25225
- Fe, of H_2S, structural study using LEED 2—6359
- Fe, reduced catalyst, of N_2/H_2 mixtures 2—30061
- Fe emitter, influence on field ionization of gases 2—10154
- Fe film, of Xe, physical, surface pot., surface roughness effect 2—9315
- Ga film, of O_2, Hg, water vapour, rel. to elec. cond. 2—39511
- GaAs, vacuum cleaved, of O_2-, LEED study 2—3561
- Ge, of Au, effect on field emission IV characts. 2—29782
- Ge, rel. to chemical etching kinetics in HF-H_2O_2-H_2O solns. 2—29084
- Ge, surface charging kinetics 2—12648
- p-Ge field emitter, of O_2 I-V characts., work function 2—25230
- GeO_2, of benzene, interactions with surface OH groups 2—35914
- Ir, (111 face) of C, film emitter with two dimensional phase transitions, characteristics obs. 2—22363
- Ir, (111) face, of C, effect on surface ionization of CsCl molecules 2—21865
- KBr surface, Cl- substitution, cooperative interactions including surface transition 2—29059
- Li halides, i.r. spectra and dimerization of adsorbed NO 2—15677
- LiF, physisorption of ethanol, ordered array establishment, He atom diffraction study 2—22080
- LiF, selective, of at. H 2—39461
- MgF_2 film, of water vapour, rel. to struct. 2—9291
- $MgSiO_3$, of Ar and pyridine rel. to hydrothermal treatment 2—3562
- Mo, of CO, on (100) face 2—29065
- Mo, of Rb, Auger electron spectroscopy 2—12684
- MoS_2, mechanisms accounting for etch pits struct. and growth 2—32341
- N atom recombination on steel surface, effect of adsorbed gases 2—5802
- N_2O on silica, i.r. spectra recorded and modifications studied 2—9304
- Na film, of Xe, physical, surface pot., surface roughness effect 2—9315
- Na on metal films, methods of determ. conc. 2—6366
- Na_3AlF_6, cryolite film, of water vapour, rel. to struct. 2—9291
- NaBr surface, Cl- substitution, cooperative interactions including surfaces transition 2—29059
- NaCl, of water vapour, effect on Au epitaxy 2—22071
- Ni, distinction between adsorbed sulphur and sulphides by Auger spectroscopy 2—39557
- Ni, of acetylene and ethan, field-emission studies 2—1196
- Ni, of CO, at 44K, i.r., spectra obs. 2—22086
- Ni, of H and deuterium, study 2—6372
- Ni, of S, on (110) face, Auger spectroscopy 2—3499
- Ni, of S, structural study using LEED 2—6359
- Ni adsorption of H, and desorption, kinetics studied 2—6371
- NiO, of Ar, effect of chemisorbed species 2—35916
- NiO, of Te from soln., rel. to defective reactor fuel location 2—12685
- $Ni(OH)_2$, of Te from soln., rel. to defective reactor fuel location 2—12685
- Ni(100) of CO, structural influences on adsorption energy 2—25227
- O adsorption and desorption on Ni by electron impact 2—6373
- Pt, of H from perchloric acid, cathodic adsorpt. obs. using modulated specular reflection spectroscopy 2—9311
- Pt electrode, of gases, determ. using polarized light reflected intensity meas. technique 2—9309
- Pt emitter, influence on field ionization of gases 2—10154
- Re, of CO and O_2, LEED structures, 293-1193 k 2—39563
- SbSi crystal, of O_2, attachment levels, thermo-stimulated current 2—6805
- Si (111) surface, of O_2, Auger electron spectroscopy 2—6386
- Si adsorbed benzol, n.m.r. spin echo investigation 2—6374
- SiC, of O_2, HBr, $H_2S(Se)$, NH_3 and PH_3, room temp. 2—29070
- SiO_2, glassy pyrogenic, of N_2, benzene and ethylene oxide 2—39565
- SiO_2, phase transitions in adsorbed water 2—25233
- Ta, of O_2, H_2, N_2, and H_2O vapour, RHEED obs. 2—12686
- ThO_2, porous, of Ar and N_2, pore struct. 2—35924
- Ti, of Cl_2, and reaction, field emission microscopy obs. 2—9307
- Ti film, of H_2 in vacuum, reaction rate detn. 2—39560
- Ti foil of N_2 at low pressure, ultrahigh vac. microbalance obs. 2—39566
- TiC, stoichiometric, of N_2, comparison with parent graphitized C 2—22347
- TiO, i.r. study of H_2O and surface OH species 2—1197
- TiO_2, e.s.r. and molecular adsorption, simultaneous investigation 2—10487
- TiO_2, rutile, i.r. spectra of adsorbed HCl 2—15678

Adsorption continued
- W, of CO and NO-H_2 mixtures 2—32396
- W, of gas, LEED and Auger electron spectra obs. 2—29011
- W, of H_2, saturated state, FEM patterns 2—25236
- W, of hydrogen, kinetic isotope effect 2—12688
- W, of methane, flash desorption and work function study 2—12687
- W, of O_2, LEED and Auger spectroscopy 2—35926
- W, of O_2, sticking coeffs., electron desorpt. 2—35925
- W, of transition metals, binding energies rel. to cryst. planes 2—29071
- W emitter, of Ne, blinking effect 2—13362
- W of N_2, kinetics, sticking probabilities, surface coverage, molecular beam technique 2—25234
- W(100), of O_2, influence on scattered electron intensity distribution rel. to surface meas. 2—25175
- Xe, of He and Ne, quantum mechanical states studies by harmonic oscillators and Morse oscillator theory 2—25228
- ZnO, physisorption of water, mechanism 2—29074
- ZnS film, of water vapour, rel. to struct. 2—9291

Aerials *see Electromagnetic waves/radiators*

Aerodynamics
- *see also Flow/gases; Jets; Shock waves; Supersonic flow; Turbulence*
- ablation phase duration of body in decelerated hypersonic flight 2—39252
- acoustic and turbulent fluctuating motions, interdependence in a moving fluid 2—3311
- aerofoil, turbulence and pure acoustic noise 2—28722
- aerofoils, two dimensional, turbulent boundary layers and surface pressure fluctuations 2—1025
- aerofoils and sweptback wings, application of prediction method and two- and three-dimensional turbulent boundary layers 2—39262
- of aerosols, nonspherical, aerodynamic diameter from settling velocity 2—12589
- afterbody in wake of 120° cone, wind tunnel investigation of Mach 3.0 2—12498
- asteroids and coments, planetary formation in solar system 2—41203
- atmospheric waves, generation and detection 2—13689
- autorotation of flat plate about spanwise axis, unsteady lift, drag, angular acceleration meas. 2—9020
- axial supersonic compressor, flow visualization 2—18739
- base flow simulation, support design for wind-tunnel tests 2—18740
- blast waves, initial phase of collision 2—6142
- boundary layer, controlled, noise and intensity 2—28728
- boundary layer separation measurement by schlieren photography 2—2258
- boundary layers, incompressible, turbulent, over infinite yawed wing 2—3304
- bow shock-wave for large angle cones, surface pressure distrib. and sonic point location 2—6148
- circular cylinder, effects of intense turbulence at subcritical Reynolds numbers 2—32161
- compressed layer in front of cylinder, Mach number distrib. 2—32164
- compressible boundary layer flow past a swept wavy wall with heat transfer and ablation 2—28708
- control-surface buzz at supersonic speeds, effect of Reynolds number and frequency parameters 2—18748
- delta wing, viscous layer interaction with external flow 2—6146
- delta wing model, leading-edge vortices, low-speed wind tunnel 2—6145
- delta wings, supersonic and hypersonic flow over lower surface, unified theory 2—3313
- delta-planform wing-body configurations, characteristics, hypersonic cruise aircraft 2—12500
- density of gas in flow by electron beam probe 2—9022
- discontinuities decay in viscous thermally conducting gas 2—18746
- disturbances caused by different parts of single hot-wire probes in circular jet of air 2—35673
- drag measurement in a low-density supersonic gas stream 2—28723
- drag on neutral and charged spherical aerosol particles 2—28918
- dynamic damping coefficient from flight test lateral rate data 2—28725
- eddy viscosity models for turbulent free shear flows 2—35672
- eddy-viscosity model for turbulent-wake calculations 2—32159
- electric wind and pressure generation, by application of high d.c. voltage fields with sharp edged electrodes 2—12495
- elliptic wing, vortex interaction 2—35662
- expanding flows, 2 dimens. unsteady, finite difference calc. 2—35644
- finite difference approach, supersonic flow over aerodynamic wing-body configurations 2—32160
- flight vehicle testing, high Reynolds number flow simulation devices 2—12490
- flow, viscous supersonic, about slender bodies, numerical computation 2—39264
- flow fields over delta wings, shock waves at high supersonic speeds 2—6147
- flow of compressible gas, cascaded blades in nonuniform subsonic stream 2—39251
- flow stability and structure, acoustic oscillations effects 2—6144
- flutter of a thin panel, effect of a rigid boundary 2—2232
- forces transmitted to vibr. cylinder, mech. model, wind tunnel obs. 2—35649
- free convection laminar boundary layer flows, asymptotic suction profiles 2—35665
- frontal collision of two pairs of vortices, sound generation 2—18738
- heat transfer in resonant cavities at subsonic and supersonic Mach numbers 2—32175
- high lift model testing, wall interference reduction using slotted test section walls 2—12499
- hypersonic boundary layer transition in presence of wind tunnel noise 2—28719
- hypersonic flow, effects of mass transfer turbulent boundary layer properties 2—35659
- hypersonic flow past wedges and cones, perturbation analysis of shock shape and velocity 2—3303
- hypersonic He tunnel, hot wire meas. of freestream and shock layer disturbances 2—28717
- hypersonic wing body, area rule 2—28716
- hypervelocity impact, viscosity influence on blast wave solns. 2—35666
- indicial, rel. to plates and shells 2—32162
- injection into supersonic stream, sweptback injection at angle of attack 2—18742
- insulated flat plate moving at hypersonic speed, time dependent shear stress and temp. distrib. 2—6141

Aerodynamics continued
- integral relations method for supersonic flow past blunt body with detached shock wave 2—35642
- isentropic transonic flow, solution 2—39258
- jet aircraft, dynamic response to turbulent air, accident prevention 2—39254
- jet engine noise, simple-source theory 2—14275
- jet-interaction-induced separation, two dimensional problem 2—35660
- laminar Prandtl boundary layer on a cone in supersonic flow 2—39253
- laminar separated flows establishment time 2—24954
- methane-air combustion gases as aerodynamic test medium 2—39257
- multiple elliptic orbit re-entry parameters, isotopic heaters 2—30396
- Newtonian lift and drag of blunt-cone cylinder bodies 2—35658
- non-equilibrium dissociative gasdynamics, singular surface of order one 2—6129
- nonlinear longitudinal characteristics, effects on power spectral response of aircraft to atmospheric turbulence 2—35678
- oscillating circular cylindrical shell, unsteady supersonic aerodynamic forces 2—28714
- oscillatory flow, nonsimilar solution of the laminar boundary layer by an integral matrix method 2—35671
- Prandtl-lifting line theory extended to low aspect ratio wings 2—1026
- radiating boundary layers at planetary entry velocities 2—35664
- radiation gas dynamics, plane phase method analysis 2—39256
- retrorocket exhaust effect on subsonic drag of 120° conc. 2—16940
- reverse flow principle 2—3320
- Reynolds number increase, simulation by roughness on aircraft models in transonic flow 2—28727
- rotating nose-body, turbulent boundary layer, soln. by converging iterative method 2—3305
- roughness effects on heat transfer in supersonic region of conical nozzle 2—18741
- sheared flow in duct with transverse temp. gradients, sound propag. 2—28741
- shock, strong, normal, influence of radiation and equilibrium reactions on flow variables in front of and behind 2—12496
- shock induced boundary layer interaction, solution of problems using integral method 2—35674
- shock layer radiation, hypersonic air flow around spherical segment 2—39250
- shock wave effects on turbulent boundary layer parameters 2—32167
- shock wave incidence on blunt body in supersonic flow 2—32165
- shock wave propagation in free space 2—6125
- shock waves, radiative cooling and nonequilibrium chemistry coupling 2—34186
- shock waves in dusty gases, theoretical-kinetic approach 2—35675
- skin friction meter system, high temp., for hypersonic ramjet engine 2—12501
- skin friction reduction by suction or injection, turbulent boundary transport modelling 2—28709
- of slender bodies and wing-body combinations at freestream Mach number one 2—28712
- slender body moving through air at supersonic and subsonic velocities 2—21903
- slender wedge-wings in hypersonic strong interaction flows, aerodynamic characteristics 2—24968
- sonic bang, characteristic overpressure as typifying parameter 2—15531
- sonic boom generation theory and prediction methods 2—35667
- sonic boom in turbulence, statistics of random overpressure peaks 2—9023
- sonic boom minimization, modification of aircraft configuration 2—35668
- sonic boom propagation through stratified atmosphere 2—35669
- sonic booms, loudness heard outdoors as function of overpressure and rise time 2—3315
- sonic flow, three-dimensional obstacles 2—3309
- sound due to source near half-plane in turbulent fluid 2—39259
- sound radiation from inflow turbulence in axial flow fans 2—3310
- spacecraft re-entry 2—35670
- spherical satellite, triple calibration sphere expt. test of Cook's (1965) theory 2—1923
- spinning body, influence of helical serrations on aerodynamic properties 2—35661
- stratified airflow over a heated island, wind tunnel experiments 2—21907
- subsonic, boundary problem in compressible flow, soln. by conversion to incompressible flow 2—9019
- subsonic flow, skin friction meas. in nonisobaric flow 2—28718
- supersonic aircraft, transonic phenomena study ysing wind tunnels 2—18745
- supersonic flow, transition and mixing in the shear layer produced by tangential injection 2—32169
- supersonic flow from slender bodies, theory of characteristics, PLK method 2—18737
- supersonic flow of nonuniform freestreams past aerodynamic decelerators 2—28724
- supersonic flowfield about inclined circular cone, pressure formula for $\gamma=1.4$ 2—35645
- supersonic gas flows, self-oscillations 2—35677
- supersonic jet, nearly ideally expanded, noise generation 2—12492
- supersonic laminar boundary layer near the plane of symmetry of a cone at incidence 2—11923
- supersonic rarefied gas flow round cylinder, struct. of perturbed region 2—32163
- swept wing design 2—3319
- thin cross shaped wing, supersonic flow around 2—39255
- torque effects on spacecraft 2—10780
- transonic flow, linearization and equivalence rule 2—3316
- transonic flow about 2-dimensional airfoils, coordinate transformation 2—24952
- transonic flow about two-dimensional airfoils, relaxation procedures 2—28720
- transonic region of a supersonic boundary layer turning a sharp corner 2—35656
- turbulent boundary layer, effects of a flexible surface on surface shear-stress fluctuations 2—24961
- turbulent boundary layers, compressible adverse pressure gradient, profile shape calc. 2—35663
- turbulent heat transfer, meas. on blunt cone at various angles of attack 2—24966
- two-phase nozzle flow effect of droplet solidification 2—32168
- velocity obs. using surface contact breaks 2—12494
- vortex chamber, with symmetric air inlet 2—18744
- vortex-flow, through three-dimensional axially symmetric channels, numerical solution 2—1024
- wake visualization of hypersonic projectiles, holography 2—3284
- wall boundary layers, effect of bleeds 2—1027
- wave drag, reduction by antisymmetric arrangement of wings and bodies 2—35657
- wind tunnel, hypersonic, graphite heated, design and development 2—12497
- wind tunnel, low speed, wall boundary layers, measurement using pitot tube 2—3318
- wind tunnel, transonic, adjustable nozzle, flexible steel liners 2—3317
- Ar-He mixtures, shock wave velocity distribution functions, electron beam fluorescence obs. 2—24962
- He jet, turbulent, meas., hot wire anemometry and digital techniques appl. 2—24971

Aeronomy *see Atmosphere; Meteorology*

Aerosols
- *see also Foams*
- in air, mobile analysis instrument 2—22890
- atmosphere, meas. from brightness of sun's aureole 2—16818
- atmosphere, particle size meas. by laser extinction and optical array spectrometers 2—16834
- atmosphere, transfer of effects of high energy solar radiation to the biosphere 2—26508
- atmospheric, asymptotic size distribs., models 2—22016
- atmospheric, decomposing vegetation as source of ice nuclei 2—30271
- atmospheric, dry and natural, and sea salt, i.r. refractive index 2—37128
- atmospheric, i.r. emission sources 2—1817
- atmospheric, large and giant particles, variation of size distribution as function of relative humidity 2—13679
- atmospheric, natural, optical constants in 2.5 to 40 μm range 2—37136
- atmospheric, optical extinction properties 2—37135
- atmospheric, optical thickness det. from polarization of scattered radiation 2—37159
- atmospheric, submicronic, distribution of natural radioactivity 2—13727
- atmospheric, vertical exchange, fine structure and control between 700 m and 300m 2—20317
- atmospheric aerosol layers rel. to degree of polarization of sky radiation at twilight 2—20335
- atmospheric particulates, attenuation of i.r. thermal radiation and application to sea brightness temp. meas. 2—16844
- atmospheric spherical polydispersions, size distribution det. using light scattered data 2—7260
- bacterial, in air, development of instruments for obs. 2—20318
- calibration of apparatus for determining particle size distributions 2—6266
- charging by unipolar diffusion of ions, minimum flux criteria for estimation of charging rate 2—28919
- chemistry, development from colloid and surface chemistry, review 2—12588
- conifuge, miniature, for particles 1-8 μm and densities to 10 g. cm^{-3} 2—18861
- corona charging for electrogasdynamic generators 2—11421
- dibutyl phthalate, Brownian coagulation 2—32290
- dibutylphthalate, influence of external electric field on deposition in fibrous filters 2—28915
- drag on neutral and charged spherical particles, viscous and diffusion effects 2—28918
- drop and bubble, motion surface active molecule adsorption, diffusion and convection 2—28920
- dusty gases, shock waves, theoretical-kinetic approach 2—35675
- electrically conducting materials, production using d.c. arc for spectrochemical analysis 2—10657
- fibrous filters, press. characts. 2—22017
- filter, model, pressure drop, Knudsen number depend. 2—1124
- filtration, by ultrathin fibres, role of Brownian motion 2—1125
- filtration, liquid layer formation on fibres 2—28910
- generator, operating characts. and theoret. analysis 2—22012
- h.f. discharge, duration of afterglow 2—35472
- light absorption in 0.4-2.4 μ spectral region 2—25119
- light scattering, comparison using three model size distributions at laser wavelengths 2—34496
- metal particles for flame, atomic emission and absorption spectroscopy 2—10658
- metals, generation direct from surface for spectrochem. anal. 2—20215
- microstructure from measurements of aureole range of scattering function, fog droplets 2—33462
- natural aerosol particle size dependence on relative air humidity 2—33463
- nonspherical particles, aerodynamic diameter from settling velocity 2—12589
- particle conversion into droplet state, glass substrate particles 2—9191
- particle diffusivities and deposition velocities over horiz. smooth surface 2—22015
- particle size, holographic technique for obs. 2—6264
- penetration through parallel plate diffusion battery, and diffusion losses from flow through rectangular duct 2—28916
- polystyrene bead, monodisperse, generation 2—12591
- power conversion, optimum ratios 2—9190
- radioactive, dispersion factor, impactor meas., rel. to biophysical dosage 2—26963
- radioactive, instruments and methods for characterizing 2—28911
- size det. in submicron range by thermophoresis 2—28917
- size distribution det. from spectral attenuation meas. 2—4682
- smokes, multiple backward-scattered radiation, luminance and polarization properties 2—4690
- spectral extinction coefficients for various size distributions 2—18860
- spray electrification process, charge separation rel. to pneumatic dispersion obs. 2—22014
- steady state, relationship between formation parameters, and characteristics, models 2—39404
- thermophoresis of volatile particles 2—22013
- time change of aerosol particle concentration in closed vessel 2—28913
- water drop, light reactive motion due to evap. by radiational heating 2—39405
- water droplet generator for controlled pairs of equal and unequal size 2—18862
- AgI-KI acetone soln., emitted smoke ice forming ability 2—22972
- AgI, and 'contaminated' Ag_2O, nucleation of water droplets in free fall by Brownian contact mechanism 2—18859

Aerosols continued
- CuI, nucleation of water droplets in free fall by Brownian contact mechanism 2—18859
- Fe_2O_3 labelled, production in submicron range 2—12590
- PbI_2-AgI solid mixture, emitted smoke ice forming ability 2—22971
- Se, influence of external electric field on deposition in fibrous filters 2—28915

Afterglow *see Discharges, electric*

Ageing
- alloy, nimonic-type, aged, elastically strained by precipitates, X-ray diffr. intensity distrib. 2—15928
- alumina, hydrous film, effect on surface area and dielec props. 2—9264
- alumina, hydrous film, in boric acid, effect on dielec. props. 2—9265
- cf Al-Mg alloy, effect of Ag on age hardening 2—12955
- dielectric, fundamental functions study 2—17511
- duralumin, deformation at 77K, resistivity decrease, effect of ageing 2—19543
- duraluminium-D16T, effect of uniform compression at 77K 2—12965
- elastic polymers, artificial climatic conditions, simulation device 2—25557
- Elinvar, Young's modulus, effect of tempering 2—12823
- Inconel 700 alloy, γ' precip. growth 2—39986
- martensite, strain ageing mechanism 2—32700
- methyl cellulose solution, effect on flow birefringence 2—35740
- mylar reflective plastic film, effects of bonding to substrate metallized side down 2—23704
- nylon, stress ageing, water content influence 2—3937
- plastics, under solar radiations, in natural and laboratory conditions 2—1156
- polyvinyl alcohol solution, effect on flow birefringence 2—35740
- rubber, chemical struct. changes during ionization ageing 2—37041
- steel, 20% Ni, influence of alloying elements 2—36214
- steel, γ' phase precip. mechanism, solid soln. hardening effects 2—36215
- steel, austenite, carbide precipitation kinetics 2—32772
- steel, Cr-Ni-Mn, effects on mech. and mag. props. 2—1318
- steel, dynamic strain-ageing embrittlement effect on press. vessel integrity 2—24294
- steel, effect of conditions on mech. props. 2—36118
- steel, effect of V and N impurities 2—6517
- steel, Fe-Cr-Ni, precip.-hardening process 2—32697
- steel, Fe-Ni type, resist. change during maraging process 2—15915
- steel, G-type, apparent sp. ht. variation 2—39900
- steel, high C, cold drawn wire 2—9757
- steel, low C Nb-structural type, electron diffr. obs. 2—32707
- steel, maraging, austenite form. during ageing, X-ray obs. 2—32708
- steel, maraging, effect on embrittlement and fracture, review 2—6558
- steel, maraging, hardening mechanism 2—36217
- steel, maraging, high-strength 2—36218
- steel, mild, forming at 50°C 2—9750
- steel, stainless, secondary defects formed on quench-ageing 2—1244
- steel, strain-ageing, dislocation model, stress-strain behaviour 2—22330
- steel, with Nb additive, precipitation kinetics 2—9738
- thermal rubber for car tyres, testing 2—1430
- Al-Ag-Zn alloy, X-ray diffr. and electron microscope obs. 2—3938
- Al-Ag alloy, quenched from liquid state, X-ray diffraction obs. 2—25577
- Al-Ag alloys, vacancy-solute interaction energies, clustering kinetics obs. 2—22190
- Al-Cu-Cd(In) alloy, elec. resist. change 2—9755
- Al-Cu alloy, after tempering, elec. resist. study 2—25571
- Al-Cu alloy, coarsening of θ'' and θ' precipitates 2—9751
- Al-Cu alloy, struct. changes during long-term natural ageing 2—36213
- Al-3wt.%Cu, precipitation structure, fatigue life3952 2—3952
- Al-Mg-Li system, precipitation hardening 2—12954
- Al-Mg-Si alloy, precip., electron microscope obs. 2—25576
- Al-Mg-Si alloy, split ageing, effect on internal friction 2—29243
- Al-Mg-Zn alloys, thermoelectric investigation of ageing kinetics 2—29400
- Al-9%Mg alloy, effects of additional elements 2—39904
- Al-(1.3wt.%)Mg_2Si, alloy, Guinier Preston zone formation, precipitation, Sn addition effect 12987 2—12987
- Al-Zn-Mg alloy, quenched, metastable miscibility gap, small angle X-ray obs. 2—3981
- Al-Zn-Mg alloy, transition phase, X-ray obs. 2—9753
- Al-Zn, Al-Zn-M alloys, M=Be, Fe, Mn, Si, clustering and solute-vacancy interactions elec. resistivity obs. 2—32693
- Al-Zn, alloy, precip., decomp. intermediate phase, X-ray diffr. obs. 2—19263
- Al-Zn alloy, ageing temp. rel. to solvus curve of Guinier-Preston zones 2—29422
- Al-Zn alloy, effect of Cu on phase transformation and ageing 2—29461
- Al-Zn alloy, pre-precipitation, X-ray and neutron scatt. obs. 2—3939
- Al-Zn based alloy, impurity-vacancy interactions and clustering kinetics 2—9754
- Al-(4.4 at.%)Zn alloy, clustering, solute-vacancy binding energies, ternary additions 2—6481
- Al, ⊙ subject to small degree deform. at 77K 2—19245
- Al alloy, duraluminium, hydrostatic pressure effects 2—15913
- Al alloy rod, extruded, hardened, mechanical anisotropy, plane stress yield loci 2—3856
- Au-(14 at.%)Cu alloy, Portevin-Le Chatelier effect22265 2—22265
- $BaSO_4$, during crystn. 2—36292
- $BaSi_2O_5$:Pb, electron beam ageing 2—26247
- $BaTiO_3$-$BaZrO_3$, ferroelec. hysteresis study 2—29401
- $BaTiO_3$, electrical, effects on conductivity 2—16286
- Co-Ni-Ti alloy, decomposition, modulated structure 2—9467
- Cu-1.8 wt.% Be, rel. to microstruct. changes, Guiner Preston zone growth 2—19247
- Cu-Be-Co alloy, ageing sequence, electron microscope obs. 2—29299
- Cu-Be alloys, characts., neutron irradiation, 100-160°C 2—39905
- Cu-(1.9wt.%)Co, Cu-(2wt.%)Co-(6wt.%)Zn, rel. to precip. and Orowan mechanism 2—3913
- Cu-Ni-1 wt.%Si alloy, ageing behaviour 2—25578
- Cu-Ni-Si-Mg(Cr) alloy, age hardening behaviour rel. to cold working 2—32706
- Cu-Ti alloy, decomposition and strengthening effects 2—39922
- Cu, alloy, age hardening, heat treatment, mech. props. rel. to cold working 2—19241
- Cu_3Au-Co alloy, precip.-hardening 2—29383
- CuAu, disordered, strain-ageing kinetics, ordered region form. 2—39906
- EuO:Fe, Eu films, chemical stability obs., application to beam-addressable memory 2—26049

Ageing continued
- Fe-Cr-Mn-Ni, steel, hot rolled, ageing response, mech. props., embrittlement, stress corrosion cracking resist. 2—19248
- Fe-Cr-Mn-Ni, steel, hot rolled, ageing response 2—19248
- Fe-Cu-C steel, sintered, precip. process during ageing 2—25580
- Fe-Cu steel, low C, stable lath substructure obs. 2—25629
- Fe-Mn-C, steel, martensite, onset temp. of C redistrib. 2—15914
- Fe-Mo-C, steel, martensite, secondary hardening during ageing, rel. to Co, Al, Mn additions 2—29398
- Fe-N, martensite, interstitial ordering, precip., microhardness, internal friction, Mossbauer obs., 293-353K 2—9543
- Fe-N solid solution, mag. field orienting of Fe_8N precipitate 2—3993
- Fe-1.1at%Nb, dynamic strain ageing effects on mechanical behaviour 2—3866
- Fe-(1.1 at.%)Nb alloy, substitutional dynamic strain ageing 2—6536
- Fe-Ni-C, steel, martensite, onset temp. of C redistrib. 2—15914
- Fe-Ni-Co-Mo alloy, martensitic, formation of metastable ω phase 2—36299
- Fe-Ni-Cr-Ti steel, austenitic, rel. to cold rolling 2—29471
- Fe-Pt-Mn martensitic alloys, age-hardening 2—3941
- Fe-Si single crystals, crack propag., effect of prestrain and ageing 2—12909
- Fe-base superalloys, overageing, review 2—29437
- Fe, cast, deformation heat treatment for dimens. stabilization of parts 2—36205
- α-Fe, quenching rate rel. to hardening and precipitate morphology 2—22328
- Fe alloy, effect on props. struct. and phase comp. 2—1353
- GaAs injection laser, degradation tests 2—7940
- Ge, amorphous film, e.p.r., resistivity rel. to ageing process 2—4551
- Ge film, amorphous, elec. resist., ageing effects 2—40286
- Mg-Zn alloy, and precip. hardening mechanism 2—6599
- MgO, precip. strengthening by $MgFe_2O_4$ 2—29402
- Mo-N, solid soln., supersaturated, effect of isochronic ageing, electron microscope obs., 200-500°C 2—25599
- Ni-2.5 wt.% Be rel. to microstruct. changes, Guiner Preston zone growth 2—19247
- Ni-Al-Nb alloy, Ni rich, rel. to precipitation characteristics 2—19302
- Ni-Al alloy, γ' precip., FIM obs. 2—39907
- Ni-Al alloy, precip. morphology and effect on mech. props. 2—29404
- Ni-Nb alloy, rel. to long range order nucleation 2—12972
- Ni-(11.1, 13.8 at.%)Al, alloy, Curie temp. change, magnetization vs temp., precip. 2—29403
- (Pb, Sr), polarization hysteresis, time effects 2—36593
- Sn alloys, residual resist. obs. 2—39940
- Ti-Al-Cr and Ti-Al-Cr-Mo alloy, effect on mech. props. 2—36142
- Ti-Al-Sn-Zr-Mo alloy, rel. to attainment of optimum tensile props. 2—39942
- Ti-Mo-Zr-Al, alloy, rel. to Al content 2—29411
- Ti-(25 at.%)Nb alloy, omega phase formation, mechanism and kinetics, small angle X-ray scatt. 2—4006
- Ti-Pd-Au film, struct. and mech. props., ageing effects 2—39534
- Ti-55 at.%Ni alloy, hardening, rel. to Ti_2Ni_3 precip.39903 2—39903
- Ti, dynamic strain ageing, rel. to impurity conc., stress strain relations, 77-1026K 2—25581
- Ti alloy, β-stabilized, ω phase formation kinetics 2—36288
- TiO_2, electrical ageing mechanism 2—36518
- U-5wt.%Nb alloy, γ-quenched, stress corrosion cracking, ageing conditions effects 2—36175
- V, precipitation of $V_{16}N$ 2—15975
- W, strain ageing rel. to dislocation interaction with C atoms 2—29184
- Zn-Mg dilute alloy, hardness, resist. and electron microscope studies 2—29405
- Zr-(2.5 wt.%)Nb alloy, hardening processes 2—12952
- α-Zr, post-deform. kinetics, rel. to oxygen diffusion 2—9747
- αZr, stressed, effect of O_2 and Fe impurities 2—12786

Air
- *see also Atmosphere*
- absorption spectrum, 10000 to 18000K, 10-60 mm Hg, shock tube study 2—32145
- a.c. arc, glow discharges on extinction 2—35641
- acoustic dispersion at frequencies to 5.10^4 MHz/atm. 2—6160
- aerosols and organic vapours, mobile analysis instrument 2—22890
- air-H_2O interfaces, point charge and dipole image potentials 2—34278
- air-water flow, forced convection heat and mass transfer from moving interface 2—21752
- air-water two-phase system, pressure wave propagation 2—39285
- atmospheric, convection flows resulting from combined buoyancy effects of thermal and mass diffusion 2—6027
- atmospheric electricity, small ion concentration, variation with solar activity 2—37161
- breakdown, 10.6 μ radiation, dependence on beam size and pulse duration 2—6118
- breakdown, due to laser beam focusing on Pb, Cu, Al, pulse holography obs. 2—12475
- breakdown, ionizing radiation effects 2—18712
- breakdown, pulsed microwave, 1 to 1000 Torr 2—12473
- breakdown, radiation induced, intracavity in TEA CO_2 laser 2—6119
- breakdown and transient heating at microwave, using fibre optic techniques 2—32133
- breakdown characteristics within TEA laser cavity 2—9004
- breakdown induced by laser pulse, plasma temperature meas. by soft X-ray continuum emission technique 2—32033
- breakdown voltage, humidity effect 2—32134
- bubbles in water, thermal effects in free oscillation 2—1064
- collection efficiencies of small droplets falling through sheared air flow 2—32212
- conductivity, effect on breakdown voltage of point-to-plane gap 2—24889
- convection, free velocity field around the periphery of horizontal torus 2—39248
- dielectric breakdown, mode locked CO_2 TEA laser 2—6121
- dielectric breakdown induced by focussed Nd^{3+} glass laser, comment on paper by Wang and Davis 2—24883
- directional electric breakdown, initiation by third harmonic of Nd laser radiation 2—35625
- directional electric breakdown, initiation by third harmonic of Nd laser radiation 2—39218
- discharge, metallic bridge formation between fixed electrodes 2—24872
- discharge, sparking voltage reduction due to mag. field parallel to electrode axis 2—9006

Air continued
discharge behaviour in inhomogeneous electric field, CCl_4 effect 2—24897
edge-tone oscillations meas. by laser anemometer 2—15526
electric breakdown, in superimposed d.c. and h.f. electric fields, formation of plasmoids 2—8998
electric field strength, influence of baffle plates 2—24893
electron attachment coefficient, height dependence 2—10740
energy straggling of ^{252}Cf fission fragments 2—8374
flow, checking consistency of velocity obs. using hot wire anemometer 2—20799
flow, features of a flat stream in a closed vessel 2—6137
flow laminar in pipe, velocity meas. by single channel optical anemometer 2—15525
gaps, photoelectron currents and fields, model 2—18700
induction discharge at atm. press. without a channel, temp. characteristics 2—12460
ionised in front of shock wave, meas. of electron density and diffusion velocity 2—28539
ionization by r.f. fields and laser beams, theoretical study 2—32112
ionization current multiplication in nonuniform elec. field 2—8989
jet, hot, turbulent, heat transfer to flat plate, normal impingement 2—3298
jet, mixing with lower-velocity air stream, in constant diameter pipe 2—1022
jet, turbulent, axisymmetric, local entrainment rate in initial region 2—24959
jet aircraft, dynamic response to turbulent air, accident prevention 2—39254
jets, horizontal penetration into a fluidised bed 2—3296
non-reacting, finite difference method for solution of turbulent tube flows 2—6128
plasma, nonisothermal, radiative heat transfer mechanism 2—18589
pollution, causes, effects and surveillance techniques, book 2—30273
pollution, meteorological problems 2—4661
pollution control, chemical engineering aspects 2—4666
pollution diagnostics, comparison of correlation spectroscopy and tunable diode laser-absorption 2—10663
premixed mixture with propane, study of burning of vortex rings 2—6017
pumping, using orbitron getter-ion pump 2—33826
radiative cooling and enthalpy profiles for shock heated air in explosively driven shock tube 2—12509
rarefied, ionized during discharge of hot cathode, determ. conductivity variation in magnetic field 2—12451
spark channel, high current, thermal reignition 2—24899
spark discharges, Ag anode ablation 2—24905
stable electrical discharges in flowing gases, high temp. heat source 2—24929
temperature distribution inside heated premises, analysis 2—5280
turbulence, holographic compensation 2—23653
turbulence velocities above simple water waves, momentum transfer 2—15553
turbulent flow, in concentric annuli, analysis, expt. obs. 2—3174
turbulent flow in pipes, vel. and temp. fluctuations 2—35647
turbulent stream under transverse flow conditions, equations for diffusion of electrically charged particles 2—32187
two-phase flow with water drops, velocity determination by Doppler effect with laser light 2—28696
ultracold neutron absorption, total cross section 2—18250
Ar, atmospheric, neutron activation analysis for ^{37}Ar contamination 2—7319
CO, half-width computation for air- broadened lines 2—12114
CO_2, plasma, obs. of electrical and thermal conductivity using stabilized electric arc 2—6071
CO_2 monitoring in air using coulometric method, photosynthesis obs. 2—4607
O ion mobility, determ. using proportional counter 2—12457

Airglow
see also Atmospheric spectra; Aurora; Sky brightness, Twilight; Zodiacal light
activity during the geomagnetic storm of 8 March 1970 2—7347
dayglow, resonance scattering of first positive system of N_2 2—40985
Fabry-Perot spectrophotometric observations 2—11537
geocoronal hydrogen Lyman alpha glow, zenith angle dependence 2—30320
night, ionizing effect of H and He u.v. glows in low and mid-latitudes in ionosphere 2—37213
night time OH rotational temp., temporal variations 2—30322
night-time F layer, 6300 A quantum efficiency of recombination mechanism 2—20417
nightglow, excitation of O_2 Herzberg Bands 2—20382
nightglow intensities and excitation rates of vibration levels of OH 2—40974
photoelectrons to thermal electrons, analytic expression for energy transfer rate 2—16884
spectrum, rel. to physical conditions and chem. processes in upper atm. 2—26525
spectrum between 3 and 4 microns meas. through morning and evening twilight, Oh intensity variation 2—37194
u.v., late twilight, sounding rocket spectra 2—16883
H, Lyman α, β and Balmer α, rel. to resonance scattering models of solar radiation 2—20380
N_2, $E^3\Sigma_g^+$ electronic state, photoelectron impact excitation 2—16880
$N(^2D)$ quenching reactions by O_2 and N_2O, temperature coefficients 2—16881
NI, 5199 angstrom doublet lines, excitation mechanism in the daytime atmosphere 2—20379
$NO+O+(M)\rightarrow NO_2^*+(M)$, reaction at low pressures, evidence for radiative recombination 2—7166
Na, Li and K twilight observations, vertical abundance characteristics 2—30321
O resonance radiation, photoelectron excitation 2—13749
O_2 and i.r. atmospheric bands, alternative to auroral exploration 2—13751
OH (8-3) band, nocturnal variations 2—7327
OH and 5577 Å O emission 2—4700
OH^-, rocket measurement of 3064 Å $A^2\Sigma$-$X^2\Pi$ electronic transition in mesosphere 2—20349
OI, 6300Å emission, intensity rel. to ionospheric scintillations 2—16882
OI 6300 Å, development during predawn enhancement 2—16879
Op_2 Herzberg I bands, covariation with OI(5577) 2—13750

Albedo *see Cosmic rays; Earth; Neutrons and antineutrons/reflection; Nuclear reactors, fission*

Alfven waves *see Magnetohydrodynamic waves*

Algebra
auxiliary, formulation of classical and quantum mechanics 2—20841
C*-algebra of canonical commutation relations, factor representations 2—7644
C*-algebras, automorphism groups rel. to algebraic quantum theory 2—7664
complex semi-simple Lie algebras concerning dynamical symmetries, structure discussed 2—23268
Dirac gamma matrix, by computer transformation 2—14146
equations, polynomial solutions 2—30
fell bundles rel. to algebraic quantum theory 2—7664
generalized Lucas polynomials, solution of difference equations 2—20812
Hilbert space sequences, applications to quantum mechanics 2—2116
hyperdifferential operators appl. to quantum mech. 2—5125
infinite systems of equations for problems on elastic wave diffraction on spherical surfaces 2—37743
Lie, low dimensional real, classification and analysis of Inonu-Wigner contractions 2—11247
Lie, noncompact semisimple real, semisimple real subalgebras 2—33874
Lie, noncompact semisimple real, semisimple real subalgebras 2—33875
Lie algebra, rel. to constants of motion in classical Hamiltonian dynamical system 2—20885
Lie algebra extension problem, general theory 2—23235
Lie algebra extensions, applic. to Euclidean, Poincare and Galilean algebras 2—23236
Lie algebra realization, properties of commuting polynomials in quantum canonical operators 2—20813
Lie algebras, simple real, isomorphisms 2—11254
Lie algebras and quantum mechanics, textbook 2—32
pure operations, theory 2—17218
Racah, application to molecular point groups 2—12065
Riemann invariants method applic. to plasticity theory 2—37705
rigged Hilbert spaces, application of criterion for generalized spectrum to one-particle Schrodinger operators 2—37614
spectrum generating Lie algebras in quantum mechanics 2—33923
spectrum generating Lie algebras in quantum mechanics 2—33922
vector prediction filtering by matrix algebra using minimum variance principle 2—37572
von Neumann, statistical independence and local commutativity 2—37571
von Neumann algebras, unitary implementation of automorphism groups 2—23234
W*-bigebras, rel. to internal symmetry description of algebraic quantum theory 2—7664

Algol *see Calculating apparatus/digital computer programmes*

Algorithms *see Calculation*

Alignment *see Mechanical measurement*

Aliphatic compounds *see Organic compounds*

Alkali metal compounds
see also the compounds of the individual metals
alkali metal-hexamethylphosphorotriamide solns., Overhauser effect 2—12583
alloy, liq., nucl. spin-lattice relax. 2—18855
alum, n.q.r., elec. field gradient determ. 2—33360
azides doped with NO_3-, u.v. irradiation, e.s.r. in NO molecule 2—12182
chloranilates, hydrated, crystal data, X-ray diffr. 2—19062
crystal structure, X-irradiation effects 2—36375
hexahaloiridates, lattice vibration obs. and force const. calc. using Raman and i.r. spectra 2—40673
iodides, diffusion of rare gas 2—3809
iodides, excitons perturbed by self-trapped excitons 2—26156
molybdates, melting point, rel. to oxygen ion effective charge 2—28945
molybdates, single cryst. struct. determ. 2—9480
molybdates and tungstates, vitreous and molten, struct., density, surface tension, viscosity 2—35844
nitrate, molten, elec. cond. at high pressure 2—3403
nitrates, vibrational spectra as functions of phase 2—35768
nitrates, vibrational spectra of monomer and dimer, cation association effects 2—8610
perchlorates and periodates, phase transitions, press. depend. 2—15956
sulphate, Co^{2+}-doped, crystal field parameter determ. at low temps. 2—36866
sulphates, thermodynamic props., ice calorimetry method, 273-1533K 2—4063
sulphur phase ternaries, $M_2 Mo_nS_{n+1}$ M=alkali metal, n=2, 5, struct., prep. 2—9478
tungstates, melting point, rel. to oxygen ion effective charge 2—28945
Li, K, Rb concs. in Luna 16 fines 2—20662

[illegible]
see also the compounds of the individual metals
absorption, band centre shift of OH^- and OD^- impurities 2—4455
alkali halide-alkaline earth halide fused systems, chem. potential, e.m.f. study 2—30074
anharmonic contribs. to diffuse X-ray scatt. 2—19330
anharmonic vibr. props. of impurities 2—25659
anomalous d.c. polarization current, due to surface effects 2—10107
aqueous solutions ultrasonic absorption, kinetic model of structural relaxation processes 2—39361
associated liquids, mol. vel. of ultrasound 2—32258
band structure, calc. using pseudopotential approach 2—29598
channelling, MeV protons and He^+ ions 2—3754
chlorides in aqueous solutions, velocity of propagation of ultrasound determ. by diffraction method 2—15585
colour centre, electron-positron type 2—3802
colour centre interaction with dislocation, u.s. studies 2—29529
colour centres, Bi^{3+}, Hg^0, Cd^0 optical absorp. 2—3801
colour centres, colloidal Pb centres 2—29196
crystal, hyperfine interaction const. rel. to external elec. field 2—26312
crystal surface structure, effect on surface cleaning 2—1157
Debye temp. rel. to cohesive energy 2—29507
Debye temperature, calc. by 4 high precision methods 2—19346
defects and admixture hardening 2—19235
dielectric breakdown, laser induced 2—13428
dielectric constants, static and high freq., strain depend., calc. 2—40035
diffusion of impurity divalent ions, investigation of eqns. 2—9591
doped, thermal cond., phonon scatt. 2—4077
elastic constant, dielectric const., thermal expansion 2—32877
elastic consts., temp. depend. 2—29231
electroluminescence at metal contact 2—40732

Alkali metal compounds continued
halides continued
electron density distribution, Lowdin approx. 2—32865
electron irrad. defects, F-centres, spatial distrib., surface polygonization 2—39714
evaporated films, i.r. spectra of adsorbed NO 2—1195
exciton energy levels, exciton-phonon interaction influence 2—7067
exciton structure, vacuum u.v. reflectivity obs. 2—16469
F center, soln. of vibronic model for relaxed excited state 2—36061
F-centres, calc. of stress parameters in point-ion-lattice approx. 2—39713
F-centres, electrolytic colouration 2—3807
F-centres, e.s.r., optical detection 2—10491
F-centres, luminesc., weak mag. field enhancement 2—26237
Faraday rot. of excitons 2—22731
films, inelastic electron scattering and secondary emission 2—29789
fluorides, photoemission spectra, 10-40 eV photon energy range, electron affinities determ. 2—19803
group IVa dihalides isolated in solid Ar, N_2 matrices, vibrational Raman spectra depolarization meas. 2—38884
Gruneisen parameters, shell model calcs. and press. derivs. 2—16066
hyperfine struct. consts. of Mn and Mn^+ centres 2—7024
impurity centre optical transitions, charge transfer effects 2—33230
impurity off-centre displacement 2—32549
impurity precipitation, review 2—3794
internal friction, charge cloud damping and phonon damping theories 2—15806
internal stresses in crysts. deformed by ultrasound, elec. field effect 2—6537
interstitial clusters giving rise to dislocation-loop contrast studied using electron microscopy 2—19092
ionic transport parameters 2—33051
ionic transport parameters 2—29745
lattice dynamics, breathing shell model 2—16001
lattice energy and thermal expansion 2—9316
luminescence, u.v. and pulse irradiated solutions and solids, heavy atoms effects on electronic processes 2—26370
luminescence kinetics, F and Tl^{2+} centre interaction 2—40711
luminescence of Au^- centres, 4-300 K 2—26212
M′-centre, weakly bound electron wave function and transtion energy 2—25449
M-, R-centers, radiative lifetimes, transition energies 2—25455
M-centre, singlet-triplet splitting 2—16410
magnetic circular dichroism of centres produced by electrolytic reduction 2—10359
metal halides, ionic, single ion transitions 2—31805
molecules, calc. of intermolecular forces 2—24367
Mollwo-Ivey type relns. for A-band of Pb^{2+} impurity 2—29197
molten, u.s. vel., temp. depend. 2—9128
multiphoton transitions, photocond. obs. 2—22637
off-centre potential of Cu^+ and Ag^+ defects, uniaxial stress effects 2—20020
phonon dispersion, long-range three-centre potential effects 2—9852
phonon impurity modes, anharmonic vibr. props. 2—19349
piezobirefringence in vac. u.v. 2—16470
plastic properties, stage I deformation, temp. depend. due to jog dragging 2—9743
positron lifetime, vacancy model 2—36372
positron trapping theory, by F- and F′-centres 2—25448
Raman spectra, two phonon scatt. 2—25658
rigidity, dislocation rosettes 2—6562
Schottky defect form. energies 2—19087
Schottky defect pair form. energies 2—32504
silicate melts, binary, diffusion of alkali metal cations 2—35751
solid, isotope effect of electromigration 2—29209
solid, lattice dynamics, anharmonic effects, analysis 2—4029
stability, fourth order anharmonic theory 2—19317
surface dislocation charge, u.s. obs. 2—29180
thermodynamic fnctions, phonon freq. moments and Blackman rule of sums 2—40067
thermoluminescence on vacuum u.v. excitation, glow peak processes 2—16629
trace variable forces from Brout sum rule 2—32798
twist grain boundaries 2—9579
two-phonon spectrum calc. using shell model theory of Raman scattering 2—26179
U-H centre interaction, 4.2-77 K, u.v. and i.r. study 2—29566
ultrasonic absorption in D_2O and H_2O, effect of presence of salts on viscous and structural absorptions 2—35758
u.v. absorpt. of heavy ions, fine struct. 2—33250
vacuum u.v. spectra, expts. using storage ring light source 2—16479
X-ray photoelectron spectroscopy, binding energy determ. 2—31685
X-ray scattering on single phonon, eigenvector influence 2—9855
Ag- and Cu- centres, electron-lattice interaction 2—6505
NO_2^-, impurity, reson. secondary radiation spectra, hot and scatt. luminesc. 2—16639
NaCl type, saddle point F-centre, excess electron role in step diffusion 2—15782

Alkali metals
see also the individual metals
adsorption on metals, effect on work function 2—4313
atom, collisions with He, elastic approx. for fine structure transition cross sections 2—5842
atom, nonrelativistic wave functions and eigenvalues 2—18317
atom, optical transitions, wave function and oscillator strength calc. 2—18313
atom, spectral line broadening due to collisions with H 2—15209
atomic orientation by optical pumping, effect on mol. form. 2—18324
atoms, depolarizing collisions with inert gases, time reversal in classical path approx. 2—5843
atoms, electron and positron scatt., polarized orbital calc. 2—626
atoms, electronically excited, total cross section for quenching at high temperatures by vibrationally excited N_2 2—31692
atoms, excited states, repulsive force const. in presence of Kr and Xe 2—18293
atoms, multi-photon and parametric coupling processes 2—2920
atoms, near resonant charge exchange with He^+ 2—738
atoms, probability of stimulated microwave emission from Zeeman levels 2—31665
atoms, Stark effect in ground state hyperfine structure 2—24333
atoms, triple collisions and formation of molecules 2—11991

Alkali metals continued
atoms $^2P_{3/2}$ excited state, collisional relaxation, influence of nuclear spin 2—35172
atoms in flames, collisional ionization 2—38823
band struct., phase-shift pseudopot., electron- phonon interaction 2—36403
band struct., phase-shift pseudopot. 2—36402
band structure, self-consistent calc. 2—1461
diffusion in binary alkali silicate melts 2—35751
Drude absorption at a phonon, quantum mechanical calculation 2—36315
electrolytic sweeping of ions in quartz 2—4598
e.m. wave propagation, non-local regime 2—16120
film, collective electron oscillations obs. by photoemission 2—16329
film, thermal cond., calc. from elec. cond. 2—29567
inert gas-alkali metal vapour discharge, high pressure, non-equilib. ioniz., exptl. comparison of theories 2—21862
ionization cross sections in $CO/O_2/N_2$ and $H_2O_2N_2$ flames 2—15497
ions, channelling in W, Mo, KCl 2—36391
ions, collisions with Rb, charge transfer cross sections 2—2981
Knight shift, ultrasound effects 2—16655
liquid, compressibility, pseudopot. formalism calc. 2—12550
liquid, resist., thermoelec. power, model pseudopot. calc. 2—39384
liquid, resistivity and thermpower, Shaw's modified Heine-Abarenkov model potential 2—3359
liquid, structural micro-defects, quasi- polycryst. model, viscosity, sp. ht. 2—28788
liquid binary mixtures, u.s. propag., mol. assoc. 2—28851
magnetic susceptibility change due to pseudopot. mag. field depend. 2—1604
melting 'ideal three phase model', thermodynamic properties 2—32306
muffin tin zero, phase shifts and logarithmic derivatives 2—16098
nuclear spin-lattice relax. times, many-electron enhancement effects 2—16660
optical absorption, phonon aided, theory 2—20045
phonon dispersion 2—22386
photoemission, spin polarization of electrons from surfaces illuminated with circularly polarized light 2—33089
plasma, complete local thermodynamic equilibrium 2—31938
plasma, spectroscopic meas. of electron density and temp. 2—15472
pseudopotentials from variable phase approach to scatt. theory 2—29592
quasiparticle damping, electron- phonon effects 2—16084
solid targets, obs. of spin polarization of emitted photoelectrons 2—10156
solvents, struct. transition of Sn impurities 2—18799
stepwise excitation cross sections of alkali metals by electron impact 2—35600
stepwise ionization cross sections and direct electron impact of alkali metals in arc discharges 2—35599
transport coeffs. and interaction potential calc. for monatomic vapours 2—28743
under uniaxial tension, elastic moduli calc. 2—9634
vapour, phase matched with inert gas, third harmonic generation 2—6161
work function, surface dipole contribution 2—16324
in $SrCl_2$, colour centres, optical absorp. and e.s.r. obs. 2—3800

Alkaline earth compounds
see also the compounds of the individual metals
alkali halide-alkaline earth halide fused systems, chem. potential, e.m.f. study 2—30074
aluminates and hydrates, cryst. struct. 2—9443
chlorates, n.q.r., temp. depend. of freq. 2—8585
chlorides, aqueous solns., X-ray diffraction, electron radial distrib. functions 2—32225
dissociation energies and heats of reactions, spectrophotometric det. 2—12197
fluorides, anharmonicity, temp. and press. depend. 2—13022
fluorides, intrinsic pt. defect obs. using e.p.r. and ENDOR 2—30006
fluorides, ionic distortions of Tm^{2+} trigonal centres 2—40589
fluorides, phonon spectroscopy through spin lattice coupling 2—9854
fluorides, photoelastic consts. 2—29870
fluorides, piezobirefringence in vac. u.v. 2—16470
fluorides, X-ray irrad., e.s.r., trigonal Gd^{e+} centres 2—13530
halide, ionic transport parameters 2—33051
hydride molecules, approximate spin distributions and bonding discussed 2—15287
oxide, vacancy pair F_c^+-centres, binding energy 2—36062
oxides, analysis of anharmonic effects in thermal properties 2—40068
oxides, phonon dispersion curves 2—19350
oxides, Schottky defect form. energies 2—19087
peroxides and ozomides, magnetically ordered, transition probability 2—10205
tungstates, flux growth forms 2—1212
Sr, Ba concs. in Luna 16 fines 2—20662

Alkaline earth metals
see also the individual metals
adsorbed on W, influence on work function 2—6916
atoms oscillator strengths and singlet triplet splittings, core polarization corrections 2—31662
film, reflectance and transmittance, optical consts. detn. 2—20017
liquid, elec. resist., pseudopots. 2—18849
oxide, cathode emission capacity mech., with emission current take off 2—40387
singly ionized, Stark shifts of isolated spectral lines 2—15206
work function, surface dipole contribution 2—16324

Allotropes *see Phase transformations; Polymorphism*

Alloys
see also Ageing; Crystal structure, atomic/alloys; Heat treatment/alloys; Solid solutions; Steel; and under alloys or compounds of the named elements. Alloys such as Au_3Cu, Au-Cu, Au-Cu-Zn are indexed under compounds of the named elements, i.e. Gold compounds, Copper alloys, Zinc compounds in these examples
AB-type infinite one-dimensional, electron energy eigenvalues derived by transfer matrix method 2—13075
antiphase domain struct., one-dimens., Fujiwara method refinement 2—22117
antiphase structures, $L1_0$ and $L1_2$, periodicity rel. to valence electron conc. 2—35976
austenitic, thermal expansion, cooperative measurement using pushrod dilatometers 2—16045
b.c.c., dispersion-strengthened, grain size during recrystn. 2—12929

Alloys continued
beta brass type, vacancy and stacking variants, two electron correlations model 2—3768
binary, arbitrary concentration, charge transfer mechanism 2—9765
binary, dilute, resist. calc. from Ashcroft model pot. 2—40166
binary, liquid-liquid equilibr., Gibbs energy of mixing 2—32241
binary, normal freezing eqns. 2—1139
binary, order-disorder transformation, lattice vibration effects 2—19309
binary, order-disorder transitions 2—15978
binary, phase stability and bond types 2—39999
binary, static displacement of atoms, determ. using anomalous scattering 2—3691
binary, undimensional, electron spectra 2—16079
binary, uniform exchange interactions and mag. props. 2—33113
binary disordered, phonon frequencies using nonlocal pseudopotential methods 2—22385
binary equiatomic, band model for order-disorder transition 2—19308
binary Ising model, av. mag. moment per spin at 0 K detn. by computer simulation 2—16351
binary liquid, critical behaviour, elec. cond. obs. 2—18790
binary liquid, electrotransport theory 2—21999
binary multiphase systems, phase growth rate in diffusion layer during interdiffusion 2—39719
binary ordering, cubic lattice, electron energy, pseudopotential calc. 2—9920
binary ordering, electrostatic and total energy calcs. 2—15713
binary ordering, impurity atom solubility, volume effects 2—22334
binary ordering, interstitial solubility, press. depend. 2—22333
binary system, metastable equilib., T_0-p-c diagram 2—13009
binary system, utility of first order Wagner interaction coeffs. in evaluation of thermodynamic data 2—29415
cermet hard alloy, with varying Co content, prep. 2—39952
creep rate, regularities in scatter of creep characteristics 2—39855
crystal growth and casting 2—25270
crystal growth from stagnant or flowing melts 2—3582
Debye temperature, calc. using Morse potential function 2—4062
defect structure, dissociated anti-phase boundary 2—3791
diffusional motion of nonspherical inclusions 2—39718
dilute, cubic, elec. field gradients 2—10539
dilute, de Haas-van Alphen effect, theory 2—9949
dilute, fluctuation-induced diamagnetism, pair propagator approach 2—19568
dilute, giant thermopower due to pair of interacting mag. impurities 2—25941
dilute, high temp. mag. susceptibility, conc. and temp. depend. 2—40400
dilute, low temp. resist., Umklapp effects 2—19539
dilute, low temp. resistivity, impurity and electron-phonon scatt. 2—16134
dilute, low temp. thermopower due to phonon-drag induced electron diffusion 2—1579
dilute, mag., Kondo effect and Anderson model 2—6712
dilute, nonmag, elec resist. temp. depend., resist. temp. coeff. rel. to impurity at. number 2—16138
dilute, nonmagnetic, cond. electron scatt., kinetic equation 2—13069
dilute, pair approx. validity limits and resist. maxima 2—22485
dilute, supercond., spin excitation effects 2—29623
dilute binary, residual resist. determ. by pseudopot. model 2—36441
dilute mag., impurity-electron binding energy, Anderson model 2—1457
dilute mag. localized moment parameters, exchange vertex corrections and Bloch eqns. 2—4335
dilute magnetic, electronic props. below Kondo temp., model Hamiltonian approach 2—36439
dilute magnetic, influence of spin-orbit scattering on Kondo effect 2—25992
dilute magnetic alloys, Kondo effect, influence of non-magnetic impurities 2—4337
dislocations, $L1_0$ superstructure, resistance to motion 2—6493
disordered, diffuse X-ray scatt. obs. 2—9375
disordered, electronic states, cluster CPA method calc. 2—36409
disordered, electronic structure, atoms as point scatterers 2—4096
disordered, electronic structure 2—6706
disordered, energy gap, muffin tin potential calc. 2—16094
disordered, Fermi level, conc. depend. 2—9924
disordered, lattice dynamics 2—36314
disordered, multi-atom interaction energies 2—15931
disordered, pair effects, rel. to configuration averaged props. 2—22453
disordered binary, effect of s-d hybridization on elec. cond. 2—13109
disordered binary, electron density of states and d.c. resist., temp. depend. 2—32873
disordered binary, electronic struct. 2—4109
disordered binary, pair effects, CPA analysis 2—9925
disordered binary, three-body potentials 2—15930
disordered binary substitutional, Debye charact. temp., X-ray diffr. obs. 2—22422
disordered system, band struct. and transport props. 2—16102
disperse phases, coalescence kinetics 2—12961
with dispersed precipitate, critical resolved shear stress 2—3861
dispersion hardened, particle size, interparticle spacing, influence on mech. behaviour 2—3963
electron valence band struct., soft X-ray band emission 2—4465
electronic shielding rel. to density of states 2—4104
electrospark alloying process, regularities in formation of hardened layer 2—6608
eutectic, coarsening by fault migration 2—9577
exploding wire binary alloy, width of absorption lines 2—38812
fatigue crack initiation detector, appl. to bolts 2—39815
fatigue failure study by resistance strain gauge 2—29350
fatigue testing apparatus, thermal and thermomechanical 2—22307
fatigue testing of 17 aerospace alloys 2—6566
fatigue-limit, accuracy of rapid testing with increasing stress amplitude 2—29357
f.c.c., cold worked, integral breadth analysis, particle size and strain detns. 2—22332
f.c.c., incoherent annealing twin boundary, elec. microscope obs. 2—9572
f.c.c., Portevin-Le Chatelier deform. bands 2—12849
f.c.c., stacking fault energy 2—9565
f.c.c. decorated stacking faults, electron microscope image 2—36039
ferromagnetic, disordered, mag. props. in CPA 2—10182
ferromagnetic and antiferromagnetic, atomic ordering, spontaneous magnetization, stress effects 2—4369
field ion microscopy 2—29130

Alloys continued
fracture toughness, rel. between standard samples and small samples 2—19199
galvanomagnetic effects in unidirectional anisotropic systems 2—9952
glass forming tendency, theory 2—9224
graphite-metal, graphite spherulite struct. 2—39633
Guinier-Preston zones, X-ray scatt. study 2—6408
heterogeneous diffusion, stable electronic configuration model 2—25459
intergranular precipitation, orientation, grain boundary structure 2—9788
intermetallic compounds, structural chemistry 2—6421
intermetallic phase formation at metal/metal, interface, kinetics 2—36074
Kondo Hamiltonian, electron correls. 2—40123
Kondo resist. suppression due to electron-impurity scatt. 2—1453
$L1_0$ superlattice. effect of twinning on particle size, calc. 2—3950
light, hot plasticity, torsion testing 2—9648
liquid, binary, containing O and S, quasichem. eqns., activity coeff., bonding 2—25584
liquid, binary, surface tension calc. 2—28816
liquid, diffusion, structural model, threshold energy 2—9119
liquid, electronic struct. using complex energy approx. 2—9078
liquid, electrotransport reversal comp. 2—39353
liquid, rapid solidification, struct. and props. of solid 2—32716
liquid monovalent, electrotransport, phase shift approach 2—21971
magnetic, left-right asymmetry in scattering of electrons by magnetic impurities and a Hall effect 2—19820
magnetic properties, ionicity effects, atomic and band models 2—16340
magnetic-after effect, defects and domains 2—19860
martensite transform. and shape memory 2—15953
mass and heat transfer in binaries with mobile phase boundaries 2—6613
metal-B-N system, equilib. state, chemical bonding. crystal and electronic struct. 2—29489
metallic, glassy, structural model 2—32713
Mischmetal-Mg, metallographic prep. 2—12974
model potentials, screened form factor changes on alloying 2—40140
molten, small angle X-ray scatt. 2—15700
molten, thermodynamic props., diffusion and viscosity 2—25071
Mossbauer spectroscopy applications 2—1666
multiphase diffusion, interdiffusion coeffs. 2—12790
neutron irradiation effects, struct. and props. of intermetallic compounds 2—9518
nimonic-type, aged, elastically strained by precipitates, line intensity distrib. X-ray diffr. intensity distrib. 2—15928
noble metal, electron-phonon interaction, rel. to rigid band model 2—32878
optical absorption, calorimetric method for scanning obs. 2—4431
ordering, f.c.c., vacancy influence on residual resist. 2—6609
ordering, h.v. electron microscopy critical voltage effect applics. 2—39611
ordering intrusion, volume effects on solubility 2—6610
ordering kinetics, model 2—9831
paramagnetic system, local moments, Hubbard model 2—36665
permanent magnet materials characterization 2—40514
phonon spectrum, short range order effects, C.P.A. calc. 2—19334
photoelectric process, effective atomic numbers in various shells 2—40388
plastic strain, allowable amount as basis for design 2—17344
precipitation, coherency-loss problem 2—19258
precipitation, volume fraction rel. to particle coarsening. modified Liftshitz-Slyozov-Wagner theory 2—6606
precipitation hardening, analogy with magnetic and superconductor hardening 2—39912
quaternary, phase transformations, X-ray small angle scatt. 2—3654
quenched-in disorder as function of quenching conditions 2—32714
quenching from the melt, cooling rate estimation 2—36198
quenching from the melt, cooling rate estimation 2—32692
quenching from the melt, cooling rate estimation 2—29386
random lattice, self-consistent average Green's function and generalized CPA 2—6720
random substitutional, CPA for nonoverlapping-muffin-tin-pot. model 2—25724
semiconducting, disorder effects on band gaps 2—32997
short-term stress relaxation, creep strain measurement 2—29360
spin fluctuation resist. 2—16132
sputtered vapours, atomic fluorescence analysis 2—10666
steel, medium carbon, effect of alloying and microalloying on resistance to cracking 2—3900
strength testing apparatus, at high temp. and ultrahigh vacuum 2—3924
stress corrosion and environmental effects in power plant 2—15116
stress-strain-temperature-time relationship, characterization in metals and alloys 2—15817
structure, algebraic model, based on Boolean functions 2—9436
substitutional, electronic states, Saxon-Hutner theorem in the relativistic domain 2—36410
substitutional, Portevin-Le Chatelier effect, dislocation locking model 2—22263
superalloy, control of microstruct. and props. using precip. phases 2—29387
superconducting, dil., critical temp. eqn. 2—40203
superconducting, localized spin fluctuations 2—16170
superconducting, upper critical field, four-term Kubic expression 2—25779
superconducting, with mag. impurities, fluctuations 2—32933
superconducting type II, discontinuity of mag. moment, study using Ginzburg Landau parameters variation 2—4162
superconductor, with high superconducting transition temps. 2—13146
superconductor with mag. impurities, impurity band obs. 2—32934
superplastic metallic, steady extrusion 2—32709
superplasticity, heat resist. 2—36110
superplasticity, origin of quasiliquid state 2—32614
surface tension, wettability, sessile drop method, with alloying of drop during experiment 2—28814
susceptibility, static, calc. using vertex function 2—4331
ternary, disordered, role of 3 body potentials 2—32715
ternary, f.c.c., ordering, Gorskii-Bragg-Williams approx. 2—25586
ternary, f.c.c. lattice, ordering phenomena, interatomic interact. influence 2—39993
ternary, order-disorder transitions 2—15978
ternary b.c.c., Snoek effect, theory 2—19170
ternary systems, phase growth kinetics 2—39910
ternary systems {Y, La, Ce}— {Al, Si}—B, X-ray analysis, isothermal sections determ. 2—39657
thermal conductivity, rel. to lattice struct. and defect distrib. 2—1439
thermal resist. due to dislocations 2—32850

Alloys continued
thermopower, Nordheim-Gorter rule validity 2—29761
transition metal, topologically close packed phases, band structure, elec. props. 2—35977
two phase system, dispersed particles, model, equilib. values, numerical solns. 2—29412
two phase systems, finely dispersed state, thermodynamic stability 2—25583
vacancy conc., atom arrangements, stat. thermodynamic eqns. 2—6480
vacancy diffusion, correl. effects 2—9604
weld metal, surface structure, effect of alloy composition 2—36222
weldability of heat-treated bainitic-martensitic steel 2—6616
welding, pulsed-arc, relationship between technical strength and solidification of creep-resisting alloys 2—15919
Al welded joints, method for investigating electrochemical heterogeneity 2—29419
Cr-W hardfacing to increase the life of rolls, hot rolling of tubes 2—6614
Cu alloys, role of Cr and Zr on rolling and annealing texture 2—3946
Fe base alloys of Mn and Cr for petrol engine exhaust valves 2—3958
U-Sn, U recovery by precipitation of UN from melt 2—8405
UAl_4, UAl_3, UAl_2, liquid solutions, thermodynamic props. obs. by e.m.f. method 2—38739
Alnico alloys *see Nickel alloys*
Alpha decay *see Nuclear decay theory; Radioactivity/decay periods; Radio-activity/decay schemes*
Alpha-particle model *see Nucleus/models*
Alpha-particle spectra
see also Nuclear decay theory
^{225}Ac, splitting of 5793 keV doublet 2—38554
^{11}B(d,3α)n four body break up studied by simultaneous detection of α-α and α-n coincidences at 10.425 and 12.0 MeV 2—18230
^{209}Bi α-decay, theoretical and exptl. investigation of half-life 2—38553
^{6}Li(p,α), 45.0 MeV, search for broad resonances 2—18084
^{24}Mg measurement of alpha particles emitted following β-decay of ^{24}Al 2—18156
^{16}O, parity measuring α decay from 3^+ T=0 0.06 state calc. in Cabbibo model of weak interactions 2—24179
Rn(A=206 to 212), exptl. investigation 2—11807
^{229}Th, $^{240-244}$Cm, ^{249}Bk and $^{249-252}$Cf, energy determ. of most intense groups 2—5677
^{155}Tm, new isotopes, α decay investigated, mass assignments made 2—11801
^{156}Tm, new isotopes, α decay investigated, mass assignments made 2—11801
Alpha-particle spectrometers
cylindrical gridded ionization chamber, alpha background reduction by cathode pulse method 2—31354
Ge radiation counter application 2—34819
Alpha-particles
see also Cosmic rays/alpha-particles and helium nuclei; Radioactivity
acceleration in bevatron 2—38415
nuclear matter, infinite, of interacting alpha- particles, excitation spectrum 2—38444
stopping cross section, Z-depend. 2—40115
Ar gas, atomic stopping cross section determ. for 0.5 to 2 MeV alpha particles 2—21534
D_2 gas, atomic stopping cross section determ. for 0.5 to 2 MeV alpha particles 2—21534
H_2 gas, atomic stopping cross section determ. for 0.5 to 2 Mev alpha particles 2—21534
He gas, atomic stopping cross section determ. for 0.5 to 2 MeV alpha particles 2—21534
He ionizing particle per ion pair energy meas., Penning ionization, non-metastable excited states 2—28234
^{4}He, total muon capture rate calc. 2—18179
N_2 gas, atomic stopping cross section determ. for 0.5 to 2 MeV alpha particles 2—21534
Si, ion implanted, effects of Al film, backscatt. obs. of recrystallization and interfacial migration 2—19120
absorption
No entries
angular distribution
^{27}Al(p,α,γ)^{24}Mg, 6.40 MeV, α-γ angular correlation 2—38594
^{27}Al(p,α)^{24}Mg, E_p=7.40 MeV, plastic detector study 2—14777
^{241}Am, α-γ directional correl. in polyeryst. source 2—34916
^{12}C(α,2α), dependence on quasi-free α-α scattering 2—31576
^{12}C(α,α)^{12}C, phase shift anal. 2—2806
^{12}C(α,α) in 2^+ excited state, inelastic scattering, meas. of relative correlation function of α-γ angular correlations at 32.5 MeV 2—38630
^{40}Ca(d,$\alpha\gamma$)^{48}K, 4.42, 5.08 MeV, levels of ^{48}K determ. from α-γ angular correlations 2—35075
C(α,α), A=12, 13, study at 26.6 MeV 2—38631
^{6}Li(α,α_0), elastic scattering, 12.0-18.5 MeV, optical model analysis of angular distribution meas. 2—2793
^{7}Li(α,α_0) elastic scattering, 12.0-18.5 MeV, optical model analysis of angular distribution 2—2793
^{14}N(α,α), study at 26.6 MeV 2—38631
Ni, 14 MeV neutron interactions, statistical emission of α-particles 2—35055
^{16}O(α,2α), dependence on quasi-free α-α scattering 2—31576
^{16}O(α,α), study at 26.6 MeV 2—38631
detection, measurement
see also Alpha-particle spectrometers; Dosimetry; Particle detectors; Radioactivity measurement
cellulose nitrate, use as detector film in α-autoradiography 2—36191
cellulose nitrate film, exposure, development and perforation counting under microscope 2—11679
cellulose nitrate for track visualization, use in undergraduate laboratory 2—33840
nitrocellulose and acetylcellulose, solid track recording 2—18030
plastic detector, for angular distrib. determ. 2—14777
pulse shape discrimination circuit 2—31379
pulse shape discrimination circuit 2—21332
GaAs surface barrier detectors 2—11677
effects
see also Nuclear reactions and scattering due to/alpha-particles
air ionization, application to flowmeter, multi-range 2—18736
chromosome rupture 2—2021

Alpha-particles continued
effects continued
excitation of He-like ions in solar corona 2—20708
metal, b.c.c. and f.c.c., point defect prod. and recovery 2—15745
mica, optical radiation emission 2—36956
shock waves alteration by radioisotope emissions 2—35676
Al, microhardness 2—39847
Al, optical radiation emission 2—36956
$CmAlO_3$, self-radiation damage, ^{244}Cm decay 2—12993
CmO_x, self-radiation damage, ^{244}Cm decay 2—12993
Co_3O_4:Eu, irrad., colour centres 2—36064
Cu, microhardness 2—39847
Cu_2O, i.r. absorp. spectra obs. 2—36877
LiF, F_2^+ centre evolution, absorp. and emission obs. 2—29201
LiF, room temp. coloration, F-centres, absorpt. spectra 2—25454
N_2-O_2 mixtures, decay of luminescence, irradiated by alpha particles, emission spectra 2—35274
Ni, microhardness 2—39847
Re, irrad., low temp. recovery spectrum 2—15744
SiC, irrad., e.p.r., defects obs. 2—1729
interactions
No entries
scattering
No entries
Altimeters *see Length measurement*
Aluminium
adhesively bonded, strength testing 2—32666
adsorption of alkanes on alcohol-modified surfaces 2—22081
anelastic behaviour, plastic deform., dislocation-point defect interaction, internal friction meas. 80-500K 2—12830
atom, electron impact L-shell ionization calc., occurrence of delayed maxima 2—8467
atom, emission line obs., vac. u.v., stimulated emission 2—18305
atom, Stark effect constant meas. 2—2653
atomic collision with Ar ions, radiative transitions between quasimolecular levels 2—28215
atomic scattering factors determ. from thermal diffuse scattering meas. 2—29509
Auger spectra 2—6325
band structure, Green's function method calc. 2—36411
band structure, model pseudopotential approach 2—36412
band structure, quasielastic electron knock-out study 2—25721
bicrystal, electromigration of grain boundaries, surface effects 2—39734
bicrystal, grain boundary electromigration as function of temp. obs. 2—6500
binding energy and lattice constants, pseudopotential calc. 2—40139
burning in flame torch with NH_4ClO_4-organic fuel mixtures 2—7171
cantilever beams, vibration attenuation, theory and recpirocal experiment 2—14237
cast, 99.5%, coarse grained, orientation detn. by anodic etching and optical obs. 2—19264
coated flat glass samples, small angle scatter 2—38075
coating, containing additions of various elements, on Nb alloy, oxidation protection 2—9267
coating, porosity, microscopy 2—25612
cold rolled, hardness anisotropy, Knoop obs. 2—12912
cold worked and annealed, small angle X-ray scatt. obs. 2—25592
commercially pure, rapidly solidified structures, effect of deposited metals on mechanical properties 2—3888
composite, B-filament-reinforced, thermal expansion control 2—32745
composites, control of thermal expansion coefficients 2—16046
Compton profile, electron momentum distrib. 2—16592
Compton profiles, core contribs. 2—4114
contact, on Ge, injection and blocking props. 2—40296
core annihilation rates, calc. 2—36431
corrosion of bicrystals by pressurized water, intergranular struct. effect 2—12777
cracking, flow, fracture, macroscopic simulation 2—3905
creep, low stress, near melting point, oxidation and substruct. changes effects 2—39798
creep, rel. to inclusion of recovery in plastic flow theory 2—39794
creep and low cycle fatigue, anomalies 2—39797
creep mechanism, stress and temp. depend. 2—9671
creep rate, steady-state, model calcs. 2—39796
creep resistance, interstitial loop formation effects 2—3878
crystal growth, striation formation, initial temp. and crucible material depend. 2—3586
crystal growth from melt, vacancy condensation and dislocation form. 2—9534
crystals, growth by strain-anneal method, random orientation 2—22102
Debye-Waller factor, temp. dependence, theory 2—6649
defect indications detection before, during and after load applic. 2—32664
defects due to Al^+ bombardment 2—39668
deformation, intermittent, at low temp., specimen size effect 2—36111
deformation characteristics related to u.s. bonding mechanism 2—15830
deformation microstructure, fine subgrain struct. adjacent to fatigue cracks 2—32543
deformed surface, exo-emission testing 2—29778
determination in pyrographite by neutron activation using alternating irradiation regimes method 2—40861
diffused coatings protection of steel from corrosion by liq. Li 2—4592
diffusion, intergranular of Zn, struct. effect 2—12799
diffusion in α-Fe, 800-1300°C, conc. depend. 2—12805
diffusion of Au and Cu, temp. depend. 2—12798
diffusion of Zn in bicrystals bent about <001> axis 2—25462
dislocation density, variation during high temp. creep, etch pit obs. 2—32518
dislocation distrib. difference for crysts. prepared by hardening-annealing and recrystn. 2—25402
dislocation loop annealing, effect of In 2—12769
divacancy migration, pseudopot. theory 2—15748
dynamic fracture strength, shock precompression effect 2—12889
elastic consts., second- and third-order lattice theory 2—9632
electrolysis, new aspccts 2—40829
electron diffraction, estimates of contributions from electronic excitation, thermal diffuse and disorder scattering to optical potential 2—29116
electron irradiated, point defect prod. and disappearance 2—9519
electron irradiated, recovery, stage III 2—6473

Aluminium continued
electron irradiation damage, in h.v. elec. microscope, defect cluster growth 2—32491
electron-phonon interaction, mixed plane wave effects 2—19489
electron-phonon interactions, influence on phonons damping 2—1454
electronic stopping power of 45.5 keV Ne ions 2—9913
electronic structure, melting effects, n.m.r. obs. 2—7136
electronic structure in solid and liquid states, pulsed n.m.r. study 2—4112
energy band determ. via model-pseudopotential approach 2—29616
epitaxy, on KCl, Brownian motion of crystallites on substrate surface 2—32359
exoelectron energy and intensity meas. rel. to low temp. working 2—29779
exoemission, spontaneous regeneration at metal-oxide interface 2—36622
exoemission and photoemission in ultrahigh vacuum 2—4315
explosion welded, interface structure, electron microscopy obs. 2—3945
failure, rupture, influence of surface lubrication and u.s. sound 2—39807
fatigue, h.f. meas., point defects role 2—9643
fatigue crack propagation, mode II 2—36148
fatigue cycled, surface layer dislocation substruct. 2—12887
fatigue ductility, under cyclic stressing 2—12905
fatigued, network pattern, electron microscope exam. 2—1251
Fermi surface press. depend., oscillatory magnetostriction obs. 2—16103
Fermi surface stress depend., oscillatory magnetostriction 2—25729
film, adsorpt. of water, nucleation and growth model 2—39553
film, anodization, to inhibit hillock growth during semicond. device processing 2—3523
film, anomalous paracond. 2—16164
film, chemisorption of O monolayer, sticking probability 2—3558
film, containing Si, electromigration induced failure 2—6510
film, deposition from electron beam source 2—39491
film, diffusivity and solubility of Si, rel. to integrated circuit metallization 2—19142
film, disordered, resistive transitions and critical fields 2—13149
film, distrib. and diffusion of Ti atoms 2—12653
film, field ion microscope study 2—35885
film, Ginzburg-Landau parameter, mag. transitions and supercooling meas. discrepancy 2—9968
film, granular, momentum depairing in paracond. regime 2—13148
film, granular, supercond. enhancement mechanism 2—13154
film, initial oxidation, chemisorpt., incorporation-chemisorpt. transition 2—40810
film, ion impression onto GaAs wafers 2—32358
film, Knight shift, supercond. T$_c$ phenomena 2—16174
film, laser beam irrad., rupture threshold 2—9263
film, on ion implanted Si, recrystalliz. and interfacial migration 2—19120
film, on Si:In, Sb ion implanted, enhanced migration 2—19121
film, on Si substrate, low-temp. Si migration, ion backscatt. obs. 2—39468
film, optical and elec. props. variation on annealing 2—1659
film, paracond., elec. field depend. 2—13152
film, piezoresist. props. 2—16139
film, radiative decay of surface plasmons, photon emission 2—33251
film, re-emission and transmission of secondary electrons, angular distrib. 2—40395
film, reflectance drops and surface oscillations, roughness spectra 2—4130
film, supercond., quasiparticle recomb. time, thickness depend. 2—13153
film, supercond., thickness depend. of transition temp. 2—13150
film, supercond. parameters and size effects 2—36464
film, surface contamination analysis using vacuum u.v. reflectometer 2—18929
film, surface plasmon oscillations, photoemission obs. 2—4131
film, vacuum deposited, hillock growth 2—39492
film, vacuum deposited, internal friction, 4.2-77 K 2—29245
film, with enhanced supercond. T$_c$, localized state effects 2—22504
film adhesion to glass and MgO, tangential shear meas. 2—3977
film and small particles, supercond. 2—9969
film conductor, encapsulated, mech. constraints and pressure effects on electromigration 2—22238
film growth, on Mo substrate, Auger spectroscopy and LEED obs. 2—12655
film on LiNbO$_3$ substrate, nondestructive testing technique 2—9724
film with alternating Ni, deposition apparatus 2—18932
films, freshly evaporated, glow-discharge oxidation at 14°C 2—37042
films on Au and Pt diffraction gratings, deterioration of reflection coating by intermetallic diffusion 2—1661
foil, plasma production by laser irrad. 2—21828
grain boundaries, relaxation on neutron irradiation 2—22218
grain boundary internal friction peak rel. to neutron irradiation 2—22217
grain boundary migration, and solute redistrib. 2—36229
grain boundary surface obs. by liquid Ga embrittlement 2—9253
granular, density of states and resistive transitions in fluctuation regime 2—13151
hardening, neutron irradiation, vacancy precipitation 2—19072
hardening, vacancies, resist. obs. 2—15749
high velocity impact, investigation of temperature increases 2—9645
hot working, secondary recrystallization kinetics 2—15903
impact loaded, deform. bands, secondary slip system 2—32621
impurity in steel, rel. to secondary hardening during ageing 2—29398
inclusion in explosive detonation parameters calc. 2—7173
in Inco 718, content change effect on precip. hardening9820 2—9820
influence on friction and wear of dry and lubricated Fe-Al alloys 2—12916
intergranular embrittlement by liquid Ga, vacancy diffusion, surface struct. 2—12800
intergranular energy of joints of inflection, effect of relative orientation of crystal 2—3563
intergranular entropy calc. for bicrystal 2—39707
internal friction of cold-worked metal 2—32586
ion implanted GaAs, i.r. localized vibr. mode absorpt. 2—13474
ionic spectra in cathode torch discharge 2—3265
irradiation swelling, expt. test of quasi-chemical model 2—32489
laser radiation focusing effects in He and air, pulse holography obs. 2—12475
lattice imperfections in welded joints, methods of det. 2—6488
lattice parameters and thermal expansion coeff. determ., 30-180K, X-ray method 2—3694
lattice vibrations, model potential calcs. 2—32804
LEED, expt. confirmation of modified inelastic collision model 2—32325
LEED and Auger spectroscopy studies of {110} surface 2—32333
LEED intensity profiles from (100), (110) and (111) faces 2—9245
LEED pattern, intensity anal. using s-wave approx. 2—12641
LEED rotation diagram, (001) surface, theory and expt. 2—3492

Aluminium continued
liquid, compressibility, pseudopot. formalism calc. 2—12550
liquid, density of electronic states 2—3361
liquid, partial free energies, 957 and 987K 2—28836
liquid, specific resist., short range order, pseudopotential calc. 2—1116
liquid, structure factor and atomic distrib., X-ray diffr. obs. 2—18792
liquid-solid transition temp., γ-irrad. effect 2—6281
magnetoresistance temp. depend., correl. with Matthiessen's rule deviations 2—1482
mechanical behaviour of coarse grained specimens in terms of microstructure 2—9682
mechanical behaviour under compressive loading 2—29230
metal, fast neutron irradiation, resistivity, recombination volumes 2—25763
metallization, on Si, enhanced diffusion and migration due to ion implantation 2—25472
metallization on integrated circuit, Si precipitation 2—25876
microhardness, rel. to proton and α-particle irrad. 2—39847
mirrors with MgF$_2$ and LiF overcoating, effect of deposition rate, substrate temp. and aging on v.u.v. reflectance 2—34434
monocrystal, polygonization under elongation stress and crystal orientation 2—39570
mosaic struct. in creep. 2—29187
neutron irradiated, anharmonicity, elastic behaviour u.s. velocity obs. 2—40025
one-dimensional superconductor, meas. of excess fluctuation conductivity 2—13118
optical absorpt., temp. effect., band struct. 2—29907
optical constants, 10^{-2} to 10^{5} eV 2—19957
oriented tricrystals, bending joints, intergranular energy 2—12848
oxidation, oxide layer form., characteriz. by ellipsometry 2—22070
oxidation, reversible transform., electron microscope obs. 2—40811
oxidised, anodically, deformed in tension, electron emission 2—10157
photoemission obs. of bulk states, u.v. region 2—22657
photoemission props., rel. to use as satellite surface material 2—33566
photoionization cross-sections for all levels belonging to 1s^{2}2s^{2}2p^{6}3s^{2}3p^q configurations 2—24337
plasma, prod. by laser heating, refl. rad. spectra 2—39156
plasma anodization, by O discharge 2—3199
plastic deformation, effect of anodic oxide coating 2—1286
plastically deformed, at 77K, ageing 2—19245
plastically deformed, neutron irrad., anelastic behaviour, internal friction meas., at 80K 2—12829
plastically deformed, recovery and stacking fault energy, 77-500K 2—36112
polycrystalline layer, on NaCl, transmission of struct. information 2—6333
positron-vacancy interaction, trapping and nontrapping models 2—29610
powder, friction and slip resist. 2—12920
powder in two- and three-phase mixtures, determ. thermal conductivity by line source method 2—22432
proton energy straggling as a function of foil thickness 2—36382
pseudopotential calc. of form factor, cohesive energy, liq. resist., monovacancy resist. 2—40120
pure, neutron irradiation at 20 K, electron microscope examination of defects 2—29164
in Pyromet 860, effect on precip. 2—29394
quenched, annealing behaviour of three- and four-layer dislocation loops 2—39693
quenched, dislocation density 2—15822
quenched-in vacancies, dilatometric obs. 2—15750
recrystallization and grain growth, rolling temp. depend. 2—12926
reduction cells, decomposition voltage, influence of alumina content in bath 2—13584
reflectance, effects of roughness of dielectrics, obs. in surface plasmon excitation spectral range 2—16464
relaxation time determ. from standing helicon wave resonance spectra 2—13103
roll bonding, interface morphology 2—19251
rolled metal, from grains, processing effects on props. 2—15922
rupture surface microstructure, electron microscope examination 2—39812
selective neutron activation impresence of Si using Pu-Be source for chemical anal. 2—22902
self diffusion, tracer and n.m.r. obs. 2—9615
shear modulus, effect of neutron irradiation at 4K on polycryst. sample 2—22278
sheet, centre cracked, fracture toughness values 2—2199
sheet, prep. by direct rolling of molten metal 2—29409
shock melting and vaporization 2—39420
shock wave incidence onto wedge shaped cavity, processes 2—29250
single cryst., extruded rod, deform. band form. along flow directions in plastic zone 2—19110
single crystal, strain free prep. of thinned specimens 2—22126
slip band formation around indentation figures on single crystal, Schmid factors 2—1297
solar corona abundance, det. from e.u.v. spectra 2—20692
solid, angular distribution of backscattered inelastic electrons in X-ray spectral microanalysis 3-30 keV 2—26384
solidification by continuous casting, feathery crystallization mechanism 2—6644
spark source parameters and excitation process 2—28673
spin-flip scatt. of cond. electrons from transition metal impurities 2—40753
stacking fault, twin and point defect energies, pair pot. calcs. 2—15747
stacking fault energy, twin boundary energy temp. coeff. 2—32533
in steel, austenitic stainless, effect on stress corrosion cracking 2—29326
steel, quenched, aged, alloy addition, effect on mech. props., weldability 2—19239
steel impurity, effect on strength to brittle fracture relation 2—6517
stopping powers for fission fragment transmission 2—1446
structural changes during primary recrystallization 2—12932
superconducting, critical mag. fields under press. 2—16173
superconducting, penetration depth, mag. field and temp. depend. 2—16172
superconducting base electrodes, tunneling into both sides of weakly coupled Pb-Cu proximity sandwiches 2—19558
superconducting energy gap anisotropy 2—25784
superconducting strips, collective excitations 2—13156
superconducting transiion temperature, pressure depend., pseudopot. approach 2—36454

Aluminium continued
- supercooling and superheating, Ginzburg-Landau parameter 2—13155
- surface, (100) and (110) LEED, inelastic collision model 2—6324
- surface, oxygen covered and Cu covered, secondary electron spectra 2—12643
- surface electron structure, positron annihilation obs. 2—36419
- surface flawed, fracture toughness improvement by exposure to NaCl solution 2—1302
- surface plasmon dispersion relation 2—32891
- surface plasmon excitation by photons, effect of different roughnesses 2—13102
- surface reactions, O_2-H_2 radicals, low pressure discharges 2—35620
- surface state energies and density of states 2—32890
- tensile deformation, effect of grain boundaries 2—12847
- thermal conductivity, temp. depend. at low temp., graphical determ. 2—13057
- thermal diffuse scatt. at Bragg refls., Mossbauer obs. 2—19402
- thermal diffusion, rel. to vacancy conc. 2—9616
- thermal diffusion of vacancies, steady state concs. rel. to rate of entropy prod. 2—22244
- thermal expansion, at high temps., anharmonic contribs. 2—40081
- thermal expansivity data, rel. to thermal vacancies 2—16042
- thermal vibration freqs. 2—1421
- thermomodulation spectra 2—36855
- thin film interconnections, crossing Si-SiO_2 steps temperature cycling effects 2—1538
- thin foils, ^{4}He ion multiple scattering and energy losses, <300 keV 2—4090
- third order elastic constants, pulse interference technique 2—36092
- tilt boundary, interfacial energy determ. 2—12776
- torsional deformation, effect of hydrostatic pressure 2—3826
- triboluminescence, sand blasting technique 2—4526
- tunnel junction, Ta-insulator-Al, zero-bias-conductance anomaly 2—19611
- twisted wires, mean shear strain, Kovacs-Nagy eqn. validity 2—9641
- ultracold neutron absorption, total cross section 2—18250
- ultrapure, boundary segregation during grain growth annealing 2—6598
- u.s. attenuation, dislocation unpinning contrib. 2—13034
- u.s. fatigue 2—39818
- vacancies, dilatometric study using electrical transducer techinques 2—19228
- vacancies, positron trapping, angular correlation data analysis 2—25386
- vacancy simulation, pair potentials, atom displacements 2—6482
- vacancy-Mn interactions, quenching obs. 2—12755
- viscosity under high velocity impact 2—6544
- Wiedemann-Franz ratio, low temp. 2—40087
- wire, texture, obs. using Debye-Scherrer photography 2—22322
- wire, tinning as preparation for soldering, NaOH-KOH-ZnO mixture as flux 2—41357
- work function and surface structure, calc. 2—39455
- work hardened, annealed, recrystallization, orientation and struct. 2—15904
- X-ray Debye temp. 2—9856
- X-ray scatt. from phonons 2—16002
- X-ray spectra, absorpt. in X-u.v. range 2—1702
- X-ray spectra, high-energy satellites of $L_{2,3}$ emission bands 2—33299
- X-ray spectra, $L_{2,3}$ edge energy 2—36912
- yield point, temp. depend., after high press. treatment 2—19182
- yield surface, loading path effect at temp. from 70 to 305°F 2—25502
- Young's modulus and Poissons ratio calc. from stress analysis 2—15860
- Al:I, oxidation rate, effect of I traces 2—37044
- Al/Al-Zn diffusion couple, solid-liq. diffusion 2—6513
- Al/B composite, fibre reinforced, plastic stress-strain, fatigue 2—22282
- Al/C fibre composite, production and tensile strength 2—29282
- Al/Si abundance ratio in quasar PKS 0237-23 det. from absorption spectrum 2—4909
- Al-Al_3N, metal matrix fibre composite, elevated temperate morphological stability, coarsening behaviour 2—1383
- Al-Al_2O_3-Al junctions, tunnel thickness 2—40309
- Al-Al_2O_3-Al structures, source of voltage and large resistance at high temp. 2—1546
- Al-Al_2O_3-Al tunnelling structure, energy-momentum relation 2—19724
- Al-Al_2O_3-Si system, internal photoemission, energy band diagram 2—13358
- Al-Cu thin films, electromigration damage 2—6344
- Al-Pb junctions, superconducting, 9.3 GHz phonon electron interactions 2—4164
- Al-SiO_x-Ag thin film cathode, elec. props. 2—19723
- Al-Zn(Cu)(Sn)(Cd) multilayer, internal friction, yield point, thickness and defect depend 2—1287
- Al-stainless steel, thermal contact resistance by reflection of heat diffusion waves 2—1438
- Al, surface state energies, band struct. matching method determ., Forstmann-Heine method 2—6732
- Al I spectrum general relations of nf series with Ga-I, In-I, Tl-I 2—8438
- Al II perturbed series, mean-lives of excited electronic states, beam-foil technique 2—15231
- Al IV, extreme u.v., Hartree-Fock theoretical wavelengths, accuracy 2—24336
- Al IX, Al XI emission spectra, five new lines in the region 35 to 50 Angstroms 2—18283
- Al ix, x, xi, spectra obs. 2—8439
- Al superconducting, calc. of temp. variation in nuclear spin-lattice relaxation rate including anisotropy in energy gap 2—36450
- Al^+, collisions with N_2, total cross section for charge exchange 2—6011
- Al^+, normal config., non-orthogonal radial orbitals applic. 2—28175
- Al^+ ions, 50 keV, range distributions of mean ranges in C, Cu, Mo and Ta targets 2—19479
- Al^{3+} ion spectrum of laser-produced plasma, autoionizing series 2—18298
- Al_2O_3 film, 30 to 600Å, work function, saturation photocurrent and contact potential obs. 2—6913
- ^{26}Al nucleosynthesis in the early solar system and in cosmic rays 2—20470
- ^{27}Al, n.m.r., in GdAl and ErAl garnets 2—10542
- Al+Ti complex additions to Ni-20 wt.%Cr, effect on recrystallization 2—25573
- BeO:Al, phosphor, thermolum. props. 2—29970
- CdS:Ag, Al, i.r. detection, by high field domain reconfiguration 2—29714
- Fe-Cr-Mn-Ni, steel, hot rolled, effect on ageing response 2—19248
- Film, distrib. and diffusion of Ti atoms during Al deposition on Ti 2—12654

Aluminium continued
- LiF thickness monitoring by reflectance measurements 2—1172
- MgF_2 film thickness monitoring by reflectance measurements 2—1172
- Nb/Al, composite electrode in Josephson junc. 2—36476
- inNi-Cr alloy, effect of grain size and precip. on creep 2—12872
- shock waves and effects of elastic limit 2—6569
- Si:Al, core correction to ground state energy 2—40294
- Si:Al, solid solubility, electron microprobe analysis 2—3795
- ZnTe:Al, defect levels assignment, elec. transport and photoelectronic props. 2—13244

Aluminium alloys
- *see also Aluminium compounds*
- 2024, thermomechanical treatment, yield strength, microstructure 2—32701
- aerospace alloy, Al 7039, thermal conductivity, elec. resistivity and thermopower, 4-300K 2—25692
- age hardened extruded rod, mechanical anisotropy rel. to texture 2—3856
- Alnico, domain struct. change during partial hysteresis cycle 2—13388
- Alnico, ferromagnetic phases, indirect evaluation of individual props. using electrochem. means 2—26031
- Alnico crystal, mag. struct., remagnetization 2—1621
- Alnico-V alloy, 0.5%Ti, metallurgical and mag. props. 2—4368
- alumel-chromel, thermocouple, reactor rad. influence on thermo-e.m.f. 2—16305
- continuously cast, influence of metal flow on grain morphology 2—15896
- corrosion behaviour obs., for motors and compressors applications 2—1752
- creep rupture props. 2—19187
- creep surface, shape 2—36127
- Cu-Al, microalloying, research survey 2—12924
- Cu-(10 at.%)Al alloy, computer simulated dislocation image comparison22207 2—22207
- dilute, elec. field gradients 2—1732
- dilute, temp. depend. impurity resist. 2—36442
- ductile fracture equation 2—15878
- duralumin, deformation at 77K, resistivity decrease, effect of ageing 2—19543
- duralumin, effect of H_2SO_4 anodizing on fatigue and corrosion fatigue resistance 2—6567
- duralumin, treated at 77K, temp. dependence of thermal conductivity coeff. 2—40086
- duraluminium, hydrostatic pressure effects on ageing 2—15913
- duraluminium-D16T, effect of uniform compression at 77K, on ageing 2—12965
- elastic moduli, tensile, compressive 2—19155
- erosion rate, rel. to mech. props. 2—29339
- fatigue and fracture characts. of cylinders under internal press. 2—39837
- fatigue crack growth, effect of mean stress 2—36165
- fatigue crack growth, effect of mean stress 2—36165
- fatigue failure, complicated stress-strain history, theory and expt. 2—39817
- fatigue fracture surface, micropores, electron microscopy 2—3904
- fatigue life prediction under wide band random loadings 2—1312
- fatigue striations form. 2—29298
- fatigue testing, shape of endurance curves 2—29420
- fracture, single-edge notch tension specimens, effect of crack angle 2—3906
- fracture extension resistance determination 2—29323
- fracture toughness, plane strain, effects of specimen size 2—36166
- high strength, stress-corrosion-fatigue performance tests 2—4595
- high-strength, 7075 T6, influence of thickness on fracture toughness parameter 2—15861
- Incramet, elec. and thermal cond. 2—19456
- permanent magnet materials characterization 2—40514
- plastic deformation of 2024 Al, effect of anodic oxide coating 2—1286
- for pressure vessel, fatigue endurance, effect of overstressing 2—9695
- shock structure analysis 2—3848
- spectrochemical analysis using Q-switched Nd laser source 2—20214
- strength behaviour, static and dynamic, obs. 2—29417
- structural damages effects on fracture toughness 2—15837
- T6061, thermal cond., 100 to 600 K 2—19442
- Ticonal, conjugation of metastable phases 2—12976
- transition metal, dilute, localized spin fluctuations 2—19822
- transition metal-aluminium films, electron energy losses 2—6704
- welded joints, method for investigating electrochemical heterogeneity 2—29419
- Ag-Al, liq., config. transition of Ho impurities 2—39390
- Ag_5MnAl, remanent magnetiz., coercivity 2—10207
- Al/Al-Zn diffusion couple, solid-liq. diffusion 2—6513
- Al-Ag-Zn, precipitation sequence 2—3938
- Al-Ag, dil., vacancy form. energy rel. to solute-solute interaction 2—9537
- Al-Ag, particle size distrib., Guiner Preston zone shape distrib., X-ray scatt. profile analysis 2—19042
- Al-Ag, quenched, GP zones, Peroud's law, X-ray Laue scatt. 2—32441
- Al-Ag, quenched from liq. state, ageing, X-ray diffraction obs. 2—25577
- Al-Ag, vacancy-solute interaction energies, clustering kinetics obs. 2—22190
- Al-Ag, X-ray scatt., Laue intensity 2—9444
- Al-Ag (Sn) metastable solid solutions, supercond. transition temp. 2—16171
- Al-Al_2Cu, dendrite form., size determ. 2—39918
- Al-Al_2Cu eutectic, rapidly solidified, cellular struct. 2—29421
- Al-Al_3Ni eutectic, rapidly solidified, cellular struct. 2—29421
- Al-Al_2O_3 alloy, ball milled, mach. props. rel. to particle size 2—6622
- Al-Au, at. intermixing at Au/Al interface, x-ray photoemission obs. 2—19805
- Al-Au, Guinier-Preston zones, size effect on large angle X-ray scatt. 2—9449
- Al-Au, isothermal phase transformations, rel. to supercond. props. 2—9790
- Al-Au, thermodynamic props. 2—25591
- Al-Be, fibre reinforced, directional solidification 2—19286
- Al-(17.3 at.%)Cu, amorphous phase formation by splat quenching 2—32687
- Al-Ce, n.m.r. obs., temp. regulation devices, 95-475 K 2—14351
- Al-Co-Mn, saturation magnetisation, Mn content effects 2—40465
- Al-Co system, intermetallic phases, peritectic transformations 2—4014
- Al-Cr, dil., impurity resist., temp. depend. 2—40169
- Al-Cr, dil., supercond. transition temp., conc. depend. 2—16175

Aluminium alloys continued
Al-Cr(Mn), dil., supersaturated, resist. due to localized spin fluctuations 2—16140
Al-Cu-Cd(In), ageing, elec. resist. change 2—9755
γ'-Al-Cu-Ni, martensitic, elastic twinning, stress effects 2—15769
Al-Cu-Ni, single crysts., internal friction temp. depend., 173-373 K 2—32589
Al-(4 wt.%)Cu, fibrous struct. of precipitates produced at scratch 2—39917
α-Al-Cu, anomalous behaviour, stat. thermodynamic eqns., vacancy conc., atom arrangements 2—6480
Al-Cu, as-cast struct., time-temp.-dissociation diagram 2—36297
Al-Cu, coarsening of θ and θ' precipitates 2—9751
Al-Cu, crystal growth from stagnant or flowing melt 2—3582
Al-Cu, decomposition, Guinier-Preston zone, X-ray diffr. 2—9445
Al-Cu, dil., impurity resist., temp. depend. 2—40169
Al-Cu, dil., optical props. and band struct., impurity effects 2—16463
Al-Cu, directionally solidified eutectic composite, electron microscopy 2—9779
Al-Cu, G.P.(1) zone size determination by X-ray small-angle scattering 2 3940
Al-Cu, isothermal tempering, elec. resist. study 2—25571
Al-Cu, loss of coherency of θ' precipitates 2—12966
γ'-Al-Cu, martensitic, elastic twinning, stress effects 2—15769
Al-Cu, plane strain fracture toughness 2—29322
Al-Cu, precipitation, internal friction obs. 2—9791
Al-Cu, quenched, pre-precipitate formation and reversion 2—25590
Al-Cu, recovery after tempering, cold working and reversion 2—9756
Al-Cu, resist. peaks, rel. to precip. 2—9955
Al-Cu, specific resist., second phase formation and solution kinetics 2—29428
Al-Cu, struct. changes during long-term natural ageing 2—36213
Al-Cu conductors, electromigration life depend. on grain size distrib. 2—32560
Al-Cu film, activation energy for electromigration 2—12797
Al-Cu films, electromigration failure activation energy 2—39736
Al-Cu solid solution, anelasticity, stacking fault energy effect 2—9636
Al-Cu thin film conductors, electromigration life, microstructure effects 2—39735
Al-3wt.%Cu, fatigue life, ageing, precipitation structure, entangled dislocations3952 2—3952
Al-4%Cu film, resistance changes due to precipitation during power annealing 32759 2—32759
Al-4%Cu reversion phenomena due to dissolution of G.P. zones 2—39885
Al-$CuAl_2$, eutectic system, morphological obs. of eutectic-dendrite breakdown 2—3439
Al-$CuAl_2$ eutectic, diffusion of Zn, dislocation and boundary effects 2—3818
Al-$CuAl_2$ lamellar eutectic, fracture energy 2—39838
Al-Cu(Ge) eutectics, splat cooling on diamond substrate 2—18926
Al-Fe-Ni:(Mg,Cr,Mn) nuclear reactor material, resistance to water corrosion, 220°-315°C, comp. depend. 2—13581
Al-Fe-Si, cast, segregation of Fe and Si 2—15957
Al-Fe, dil., supercond. transition temp., conc. depend. 2—16175
Al-0.05%Fe, grain boundary sliding in presence of second phase particles 32605 2—32605
Al-Ga, dil., n.q.r. elec. field gradient, conc. depend. 2—10585
Al-Ga, quadrupolar interaction, electric field gradient, n.m.r. obs., 1.4K 2—22839
Al-Ga work hardening curves, solid soln. hardening, Ga influence 2—32702
Al-Ga(Ge)(Mg), dil., elec. field gradients 2—1732
Al-Ge film, normal and supercond. props. 2—32926
Al-Ge system, metastable phases, obtained by rapid solidification 2—36296
Al-Ge vacancy-Ge binding energy determ. 2—32505
Al-H(D) solid solution, thermodynamic function, calc. 2—3961
Al-In, dil., vacancy annealing on quenching 2—9535
Al-In, quenched, resist. transient, divacancy migration 2—9536
Al-Ir-Mn, cryst. struct., mag. props. 2—22160
Al-Li, binary ordering, electrostatic and total energy calcs. 2—15713
Al-Li, liquid, partial free energies, 957 and 987K 2—28836
Al-M, M=Ag, Zn, Mg, thermopower, Nielsen-Taylor effect 2—22632
Al-M, M=Cu, Au, mg, Zn, Ge deviations from Matthiesen's rule 2—16141
Al-M dil. alloys, (M=Ti, V, Mn, Ni), virtual bound state obs. from Al $L_{2,3}$ absorption spectra 2—20022
Al-Mg-An, thermoelectric investigation of ageing kinetics 2—29400
Al-Mg-Cu, enthalpies of form., Laves phases binding conditions 2—29475
Al-Mg-Li system, age hardening, precipitation 2—12954
Al-Mg-Si, inverse Portevin-Le Chatelier effect 2—32595
Al-Mg-Si, precip., electron microscope obs. 2—25576
Al-Mg-Si, split aged, internal friction obs. 2—29243
Al-Mg-Zn, fatigue fracture, electron microscope obs. 2—9707
Al-Mg, band structure, model pseudopotential approach 2—36412
Al-Mg, binary ordering, electrostatic and total energy calcs. 2—15713
Al-Mg, containing 0.5wt% Ag, ageing and α-phase solubility 2—12955
Al-Mg, convective mixing during solidification 2—28947
Al-Mg, Guinier-Preston zones 2—9752
Al-Mg, influence of alloying additions on fracture and mech. props. 2—12846
Al-Mg, liquid, partial structure factors 2—6200
Al-Mg, plastically deform., elastic limit discontinuities 2—36104
Al-Mg, plastically deformed, recovery and stacking fault energy, 77-500K 2—36112
Al-Mg, Portevin-Le-Chatelier effect, rel. to Ag conc. at high temps. 2—25493
Al-Mg, Portevin-LeChatelier effect, grain size influence 2—39774
Al-Mg, quenched, pre-precipitate formation and reversion 2—25590
Al-Mg, rapidly solidified structures, effect of deposited metals on mechanical properties 2—3888
Al-Mg, soft X-ray emission spectra, electronic struct. 2—26207
Al-Mg Si, quenched, pre-precipitate formation and reversion 2—25590
Al-9%Mg, effects of additional elements, on ageing characts. 2—39904
Al-(1.3wt.%)Mg_2Si Guinier Preston zone formation, precipitation, age hardening, Sn addition effect 2—12987
Al-Mn-Er(Tb) systems, struct. and mag. props. 2—40553
Al-Mn, dil., impurity resist., temp. depend. 2—40169
Al-Mn, dil., localized spin fluctuation effects on high temp. resist. 2—32916
Al-Mn, dil., optical props. and band struct., impurity effects 2—16463

Aluminium alloys continued
Al-Mn, dil., supercond. and localized spin fluctuations 2—1494
Al-Mn, dilute, quenched, solute dispersion, X-ray diffr. obs. 2—25587
Al-Mn, phase transform., phase diagram, transform. equilib., homogeneity range 2—4013
Al-Mn, sheet, prep. by direct rolling of molten metal 2—29409
Al-Mo system, phase equilibria 2—4015
Al-Ni-Cu film, martensitic transform, growth of γ'-phase 2—29464
Al-Ni, dilute, quenched, solute dispersion, X-ray diffr. obs. 2—25587
Al-Ni, light cond., interband transitions 2—26171
Al-Si, eutectic, directional solidification, convection influence 2—25146
Al-Si, eutectic, directional solidification, convection influence 2—25145
Al-Si, flake/fibre morphology transition rel. to directional freezing rate 2—22337
Al-Si eutectic, melt refinement 2—18875
Al-Si eutectic, unidirectional solidification, convection effects 2—12614
Al-Si Na effects on Si growth vel. and morphology 2—32720
Al-Si vacancy enhanced nucleation of Si atoms, precipitation 2—3953
Al-Te, liquid, thermodynamic props. determ. using improved dew pt. method 2—39359
Al-Ti-Mo-Zr, forming process behaviour, corrosion and oxidation resist. rel. to Al content 2—29411
Al-Ti, microsegregation of Al, rel. to cooling rate, comp., electron-probe analysis 2—29440
Al-V-Ti, alloy, creep, tensile and torsional loading effects 2—19188
Al-V, dil., supercond. transition temp., conc. depend. 2—16175
Al-V, ordering, X-ray and neutron diffr. obs. 2—39994
Al-W, rapidly quenched from the melt, phase transformations 2—25617
Al-Zn-Mg, ageing, transition phase, X-ray obs. 2—9753
Al-Zn-Mg, extruded, rel. between grain struct. and quench sensitivity 2—25589
Al-Zn-Mg, precipitation, effect of Ag, correl. with stress corrosion behaviour 2—3951
Al-Zn-Mg, quenched, aged, metastable miscibility gap, small angle X-ray obs. 2—3981
Al-Zn-Mg, rapidly solidified structures, effect of deposited metals on mechanical properties 2—3888
Al-Zn-Mg, stress corrosion resistance, tensile props. microstruct. rel. to quenching conditions 2—12931
Al-Zn-Mg alloy, notch toughness, Fe, Si content effect 2—12903
Al-Zn-Mg alloy weld, notch toughness, Fe and Si content effect 2—12904
Al-Zn-Mg crack initiation and growth subject to fatigue loading 2—32628
Al-(15 at.%)Zn, quenched, coherent phase separation kinetics, small angle X-ray scatt. 2—3980
Al-Zn, Al-Zn-M, M=Be, Fe, Mn, Si, clustering and solute-vacancy interactions, elec. resistivity obs. 2—32693
Al-Zn, decomp., second stage, diffuse effects, X-ray scatt. obs. 2—25588
Al-Zn, dilute, quenched, solute dispersion, X-ray diffr. obs. 2—25587
Al-Zn, eutectoid, growth rates, interlamellar spacings, isothermal transform 2—12964
Al-Zn, eutectoid, superplastic, extrusion speed and temp. rel. to extrusion stress and mech. props. 2—19255
Al-Zn, evaporation rate vs. temp. curve 2—28952
Al-Zn, Guinier Preston zone formation, X-ray scatt. obs. 2—9448
Al-Zn, influence of Zn on stacking fault energy, plastic deformation, phase transformation 2—29186
Al-Zn, liquid, thermodynamic props. determ. using improved dew pt. method 2—39359
Al-Zn, pre-precipitation, X-ray and neutron scatt. obs. 2—3939
Al-Zn, precip., decomp., intermediate phase, ageing, X-ray diffr. obs. 2—19263
Al-Zn, precip. of stable β-phase, Mg additive effects 2—39919
Al-Zn, quenched, pre-precipitate formation and reversion 2—25590
Al-Zn, solvus curve of Guinier-Preston zones 2—29422
Al-Zn, stacking fault energy, rel. to dislocation interactions 2—9566
Al-Zn, vacancy-Zn atom pair binding energy 2—36017
Al-Zn alloy, critical composition small angle X-ray scatt. near critical temp. of demixture 2—9447
Al-Zn based, solute-vacancy interactions and clustering kinetics 2—9754
Al-Zn binary ordering, electrostatic and total energy calcs. 2—15713
Al-Zn effect of Cu on phase transformation and ageing 2—29461
Al-Zn solid solution, activity coeffs., e.m.f. meas., thermodynamic props. 2—4059
Al-Zn ultrasonic velocity and attenuation dependence on rel. concentrations 2—6661
Al-(4.4 at.%)Zn, ageing, clustering, solute-vacancy binding energies, ternary additions 2—6481
Al-Zr, precipitation of cubic Al_3Zr phase 2—36273
Al-Zr, recovery and recrystallization after cold working at liq. N_2 temp. 2—15912
Al-Zr solid soln., supersatured, fan-shaped precip. form. during decomposition 2—32719
Al-0.12-1.86 at.%Mg, single cryst., Portevin-Le Chatelier effect, influence of strain rate, modified Cottrell theory 6535 2—6535
Al-transition metal, supersaturated, residual resistivity 2—25764
Al-transition metal solid solns., dil., mag. susceptibility 2—13373
Al-5.0 at%Ag-5.0 at%Zn, neutron irrad. rel. to precip. and G.P.zones 2—29418
Al-2.8 at%Zn-1.4 at%Mg, neutron irrad. rel. to precip. and G.P.zones 2—29418
Al transition metals, X-ray emission spectrum study of band structure 2—36911
AlCu, AlMgSi, temper vacancy elimination, correl. with precipitation stages 2—15897
$AlCu_3$, true colour and martensitic transform. 2—1657
$Al_xIn_{1-x}P$, thermodynamic props. of In-Al-P system appl. to manufacture 2—6788
$AlIr_2Mn$, cryst. struct., mag. props. 2—22160
AlMg, AlSi, hardening, vacancy-solute atom interaction 2—15749
AlMg, crystallization, migrating plane phase interface, conc. distrib. 2—18877
AlMg, work hardening, Portevin Le Chatelier effect, vacancies 2—15818
AlMg, zone melting, crystallization, interface vel. 2—18882
Al_3Ni-Al eutectic rod, thermal stability rel. to growth 2—22336
β-AlNi, stacking fault broadening and separation of strain and fault effects 2—32535
AlNiCo 5 cylindrical magnets, external axial field graph 2—238
$AlRh_2Mn$, cryst. struct., mag. props. 2—22160
AlZn, zinc vacancy formation by evaporation, Kirkendall effect 2—19088

- **Aluminium alloys** continued
  - ^{26}Al, self-diffusion measurements in intermetallic phases FeAl$_3$, Fe$_2$Al$_5$, FeAl, Fe$_3$Al, FeAl$_2$ formed during welding 2—9603
  - Co-Al, coercivity rel. to cryst. anisotropy of Co precipitate 2—22686
  - CoAl, Kondo effect and ferromagnetism, conc. variation in near-stoichiometry region 2—22489
  - CrNi-Al film. struct. and elec. props. 2—39505
  - Cu-(14.3 wt.%)Al equilib. surface segregation, Auger electron spectroscopy meas. 2—25625
  - Cu-Al-Fe, superplastic, high temp. tensile testing 2—15832
  - Cu-Al-Fe, superplasticity, rel. to microstructure 2—32606
  - Cu-Al-Ni, γ'-phase morphology, electron microscope obs. 2—36042
  - Cu-Al-Ni, martensitic transformation, internal friction obs. 2—3842
  - Cu-Al-Zn, stacking fault energy, electron microscope determ. 2—12773
  - Cu-Al, aluminium bronze, superplastic, tensile props. 2—15833
  - Cu-Al, α-phase, elastic consts. 2—3833
  - Cu-Al, cold worked and annealed, small angle X-ray scatt. obs. 2—25592
  - Cu-Al, effect of stacking fault energy on solid state creep rate 2—15850
  - Cu-Al, equilib. surface segregation, Auger electron spectroscopy meas. 2—25627
  - Cu-Al, Fermi surface, positron annihilation obs. 2—13087
  - Cu-Al, internally oxidized, mech. props., influence of recrystn. 2—39887
  - Cu-Al, liquid metal embrittlement, role of plastic deformation 2—3898
  - Cu-Al, martensite transform., shape memory effect 2—9789
  - Cu-Al, microstruct. and mech. props., effect of thermomechanical treatment 2—36202
  - Cu-Al, microstruct. following explosive shock deform. 2—9650
  - Cu-Al, quasi-elastic force coeff. and anharmonic coeff., X-ray diffr. study 2—13024
  - Cu-Al, single cryst., internally oxidized, particle size and distrib., SEM obs. 2—15716
  - Cu-Al, struct. and props., effect of deform. and annealing temp. 2—12888
  - Cu-Al, surface segregation, adhesion and friction 2—22303
  - Cu-Al ($\alpha+\beta$)-two-phase region boundaries, metallography 2—22374
  - β_1'-Cu-Al martensite, shape memory effect rel. to stress induced phase transformations 2—25626
  - Cu-2at.%(10at.%Al, work hardened, stage II, dislocation arrangements, electron microscope obs. 2—3788
  - Cu-Mn-Al, Heusler alloy, precipitation and phase transformations 2—9801
  - Cu(14.3 wt.%)Al, precipitation, interphase boundary diffusion 2—22248
  - CuAl$_2$, plastic deform. behaviour 2—19180
  - CuAlFe system, Kondo temp., thermoelec. power, temp. and comp. depend. 2—25946
  - CuAlZn, work hardened, extended dislocation clusters, energy obs. 2—15762
  - Fe-Al-Cr, oxidation resist. and mech. props., effect of Ti and Mo 2—29430
  - Fe-Al-Cr, permeability of H$_2$, 300-700°C, oxide film effect 2—29216
  - Fe-Al-Si, fine structure, X-ray obs. 2—9470
  - Fe-Al, av. magnetiz., and Fe moment 2—4343
  - Fe-Al, β-phase, mag. props. 2—1629
  - Fe-Al, disordered, induced uniaxial mag. anisotropy 2—4373
  - Fe-Al, dry and lubricated, influence of Al on friction and wear 2—12916
  - Fe-Al, high-field depend. of magnetization 2—40480
  - Fe-Al, hyperfine field at Fe atoms, temp. depend. 2—16437
  - Fe-Al, influence of mech. and thermal processing on mag. props. 2—6980
  - Fe-Al, mag. loss vs. temp. curves 2—19878
  - Fe-Al, ordered, vacancy elimination due to linear defect form. 2—39695
  - Fe-Al, quenching in of disorder by laser pulse heating, limitations 2—19310
  - Fe-Al, reacting with various gases to form layer on steel 2—39927
  - Fe-Al, surface segregation, adhesion, friction 2—22303
  - Fe-Al, system in Al vapour, interdiffusion in α-solid solution 2—3810
  - Fe-Al, temp. depend. of hyperfine field at Fe atom, Mossbauer obs. 2—33222
  - Fe-Al disloc. and antiphase boundaries, elec. microscope obs. 2—25406
  - Fe-Al solid solution, tempering, short range order 2—22324
  - Fe-Cr-Al, defects rel. to heat treatment 2—32499
  - Fe-Ni-Al-Co, thermomag. treatment quality, mag. texture study 2—36239
  - Fe-Ni, stress corrosion cracking mechanism 2—6574
  - α-Fe, Al-Fe layers formed by surface metal interaction with AlCl$_3$, HCl and H$_2$ gases 2—26320
  - FeAl, CoAl, NiAl, elec. resist., thermo-emf, Hall effect 2—6760
  - Fe$_3$Al, mag. hyperfine fields for impurity Sn atoms, Mossbauer obs. 2—7058
  - Fe$_3$Al, ordered and disordered, lattice dynamics 2—16016
  - GdAl$_2$, magnetization, Curie temp., e.p.r. obs. 2—26040
  - KO-1 alloy, diffusivity of Cu, from secondary phase and dendrite arm obs. 2—32529
  - LaAl$_2$, Laves phase compound, low temp. specific heat, supercond. transition 2—19425
  - Mg-(8.6wt.%)Al, transgranular stress corrosion cracking, deformation twinning1309 2—1309
  - Mn-Al vacuum codeposited film, disordered struct. 2—18940
  - Nb-Al-Ce(La)(Y)(Pr) alloy, hardness rel. to comp. and annealing 2—4021
  - Nb-Al-Ge film, high vac. annealed, supercond. props. 2—40200
  - Nb-Al-Ge films, supercond., critical parameters 2—32942
  - Nb-Ge-Al, low temp. cubic-tetragonal transform. 2—9817
  - Nb$_3$(Al, Ge) films, vacuum deposited, supercond. props. 2—40208
  - Nb$_3$Al supercond., high mag. field props. 2—19586
  - Ni-Al-Cr, electrochemical seperation of intermetallic γ'-phase 2—30078
  - Ni-Al-Nb, precipitation characteristics 2—19302
  - Ni-Al-W-Mo-Co, dispersion- hardened, thermomechanical treatment 2—9733
  - Ni-Al, γ' phase precip., FIM obs. 2—39907
  - Ni-Al, precip. morphology and effect on mech. props. 2—29404
  - Ni-Cr-Al, oxidation, 1000-1200°C 2—10624
  - Ni-(11.1, 13.8 at.%)Al, precip. reactions at 425°C, Curie temp. change, magnetization vs. temp., ageing 2—29403
  - βNiAl, dislocation reactions in high temp. creep 2—9677
  - Ni$_3$Al, band model of ferromag. 2—40442
  - Ni$_3$Al, low temp. elec. and thermal resist. 2—40095
  - Ni$_3$Al, mech. props., anomalous temp. depend. 2—6547
  - Ni$_3$Al, mech. props., anomalous temp. depend. 2—6548
  - Ni$_3$Al, yield point and flow stress, temp. and strain depend. 2—12861
  - Ni$_3$(Fe$_{0.76}$Al$_{0.24}$), ordered domain formation, anti-phase walls 2—9581
  - Pd-Al, dil., n.m.r. 2—40782
  - Ta-Al film, compositional control by d.c. biased a.c. sputtering 2—39478
  - Ta-Al films, anodic oxide form. 2—3548
- **Aluminium alloys** continued
  - Ti-(8 wt.%)Al-(1 wt.%)Mo-(1 wt.%)V alloy, sustained loud environmental crack growth 2—29330
  - Ti-Al-Cr and Ti-Al-Cr-Mo, strength and plasticity 2—36142
  - Ti-Al-Ga, ordered phase formation, elec. microscope obs. 2—9774
  - Ti-Al-Sn-Zr-Mo, tensile props. rel. to microstruct. 2—39942
  - Ti-Al-Sn, diffusion of H$_2$, rel. to stress corrosion cracking 2—19147
  - Ti-Al-Sn, thermal cond., 90 to 600 K 2—19442
  - Ti-Al-V, etching, O$_2$ effect, metallography 2—32735
  - Ti-Al-V alloy, fracture toughness 2—22287
  - Ti-Al, effect of grain structure on fatigue strength 2—6565
  - Ti-Al, mag. susceptibility, temp. depend. 2—4348
  - Ti-V-Al-O, effect of O content on mech. props. 2—36144
  - Ti-V-Al, struct. and props., comp. depend. 2—36141
  - Ti-(6wt%)Al-(4wt%)V, texture analysis, colour metallography, colour anodizing technique 2—12735
  - YAl$_2$, Laves phase compound, low temp. specific heat 2—19425
  - Zn-Al, eutectoid, superplasticity, effect of processing history 2—29265
  - Zn-Mg-Al system, constitution, metallography, magnetothermal and X-ray obs. 2—4025
  - Zn-Mn-Al, solid and liq., Curie-Weiss law behaviour 2—19887
  - Zr-(3 wt.%)Mo-(1 wt.%)Al thermal decomposition, Al effect 2—25640
  - Zr—(3 wt.%)Mo-(1 wt.%)Al, tempering of strain induced martensitic phase, struct. and morphology 2—25639
- **Aluminium compounds**
  - *see also Aluminium alloys; Ruby*
  - Al$_2$O$_3$, film, current transport mechanisms, and charge storage in m.a.o.s. struct. 2—13293
  - α-Al$_2$O$_3$ concentration profiles of coloured transition metal ions, meas. 2—17741
  - K-alumina, heat capacity obs. 2—16033
  - alumina, high density, i.r. transmittance rel. to mat. characts. 2—33204
  - alumina, hydrous film, dielec. props., effect of H$_3$BO$_3$ 2—9265
  - alumina, hydrous film, phys. and dielec. props. 2—9264
  - alumina ceramics, strengthened by crystalline surface layers 2—1331
  - alumina spherical pile, meas. of neutron spectra by time-of-flight method 2—28102
  - alumina-cryolite mixtures, alumina diffusion, temp. and comp. depend. 2—28825
  - alumina-cryolite mixtures, viscosity obs., 980, 1000, 1020, 1050°C 2—28812
  - alumina-phosphate coating, electrical insulating and other properties 2—13300
  - aluminides, L-emission bands, electronic struct. 2—20087
  - beryl, i.r. refl. spectrum, anharmonicity 2—26143
  - complexes, vibrational assignment of i.r. and Raman spectra 2—15283
  - corundum, i.r. reflection spectra effect of impurity ions 2—33235
  - duralumin tempered at 77 K, temperature dependence of electrical and thermal conductivity in 60-100 K range 2—39667
  - emerald, spin Hamiltonian for Cr^{3+} ions in trigonal field 2—10494
  - intermetallic compounds, Eu$_x$La$_{1-x}$Al$_2$ ternaries, reversal of coupling, RKKY analysis 2—4412
  - kaolinite, dielectric constant and loss during dehydration 2—33045
  - leonhardite, crystal structure determ. by X-ray diffractometry 2—6426
  - metahalloysite, dielectric constant and loss during dehydration 2—33045
  - mordenite (alumino-silicate), sorption of N$_2$, O$_2$, and Ar 2—22082
  - mullite decomp. under h.p. 2—33821
  - oxide films, thermochemical props. at 2270 K 2—7161
  - sapphire, 0° filament tensile behaviour, 25-1325°C 2—39806
  - sapphire, absorption spectra, origin of colours, rel. to impurity ion interactions 2—10364
  - sapphire, electron induced luminesc. meas. 2—33325
  - sapphire, Fe, Ti doubly doped, redox reaction, e.s.r. and optical spectra, biparticle formation, valency states 2—25241
  - sapphire, laser damage tracks, time evolution, scattering and luminesc. obs. 2—29861
  - sapphire crysts., thermolum., glow peaks, storing carries, electron transfer, excitation 2—16628
  - sapphire rods in superconducting helical resonator, losses from 130 to 450 MHz at low temp. 2—36577
  - sapphire single cryst., thermal conductivity obs. below 1K 2—36364
  - silicate glazes for vitroceramic fuel, irrad. effects on vol. and viscosity 2—11901
  - synthetic sapphire alumina, heat capacity obs. 2—16033
  - tohdite, heat capacity and heat of dehydration obs. 2—16033
  - zeolites, adsorption of benzene, ^{13}C n.m.r. investigation 2—39550
  - zeolites, e.s.r. of adsorbed alkenes 2—21656
  - α-Al$_2$O$_3$:Fe^{3+}, optical absorption spectrum, assignment based on d^5 crystal field calc. 2—26157
  - 2Al$_2$O$_3$.SiO$_2$, mullite, decomposition 2—36252
  - 3Al$_2$O$_3$. 2SiO$_2$, i.r. freq. calc. 2—36867
  - AIN, polycrystalline, Kramers-Kronig analysis, spectra, 0.1-25μ 2—40658
  - Al-Al$_3$N, metal matrix fibre composite, elevated temperate morphological stability, coarsening behaviour 2—1383
  - Al-Al$_2$O$_3$-Si system, internal photoemission, energy band diagram 2—13358
  - Al-4%Cu alloy, Guinier Preston zones, subject to tempering, interaction with Kikuchi 200 band 2—6489
  - Al-GaAs double-heterostructure, electroluminescent diode source for optical fibre transmission lines 2—29991
  - Al-O film, vapour codeposited, struct. and props. 2—29026
  - AlAs-GaAs mixed crystals, solution growth technique 2—18939
  - AlAs, AlP, semiempirical calculation of electronic zones 2—29686
  - AlAs, anisotropic electron effective mass, Faraday rotation study 2—22547
  - AlAs, enhanced indirect optical absorpt., direct band gap 2—33252
  - AlAs, optical absorption constant, 4.2-293 K 2—19959
  - AlB$_2$, valence bonding 2—9328
  - AlBr$_4$^{2}-, intramol. force field, force consts., Coriolis coupling consts., vibr. amplitudes and potential energy distrib. 2—31774
  - AlCl$_3$-ZnCl$_2$, molten system, Raman spectral study 2—28863
  - AlCl, AlBr, AlI, millimetre wave rotational spectra, determination of rotation-vibration interactions 2—21588
  - AlCl$_3$, Al$_2$Cl$_6$, matrix isolated, i.r. spectrum rel. to structure investigations 2—31775
  - AlCl$_3$, critical temp., orthoboric densities, vol. change on fusion 2—18873
  - AlCl$_3$, hydrated and anhydrous, permittivity rel. to dielectric behaviour of water of hydration 2—36578
  - AlCl$_3$, matrix isolated spectrum 2—12101

Aluminium compounds continued
AlF_6Na_3, melted, dissociation 2—4566
$Al_{1-x}Ga_xAs$, photoluminesc., liquid N_2 temp. 2—4489
$Al_xGa_{1-x}As$ lasers, double- heterostructure, highly uniform characteristics at room temperature 2—7938
$Al_xGa_{1-x}As$, light emitting diode, partial dissolution during LPE 2—1541
$Al_xGe_{1-x}As$, solubility of Zn, anomalies obs. using different diffusion sources 2—9592
AlMgSi and AlMgSr, photoelectric emission in spectral region 500 to 1700 A 2—40391
$Al_2(MoO_4)_3$, struct. and phase relns. 2—9340
AlN, particle size in low-C steel, at austenitic grain coarsening temp. 2—29433
AlN film, prep. from trimethylaluminium 2—12659
Al_xN_y film form. and insulator props. 2—39493
AlNa silicate glasses, Nd-doped, Al coordination effect on spectroscopic properties of activator 2—26211
Al_xNbSe_2, cryst. struct. and mag. props. 2—25643
Al_2O_3: Cr absorption spectra 2—33253
Al_2O_3: Mn: Mg absorption spectra 2—33253
β-Al_2O_3:Ag, lattice plane and Ag migration obs. using electron microscope 2—9446
Al_2O_3:CaF_2, partial molar volume, mixture based on melted cryolite 2—4566
α-Al_2O_3:Cr^{3+}, $^4T_2$ state, stress study of Jahn-Teller effect 2—36787
Al_2O_3:Cr^{3+}, fluorescence resonant phonon trapping detected 2—19351
Al_2O_3:Cr^{3+}, spin-phonon interaction, ang. depend. 2—10286
Al_2O_3:MgO, alumina, densification and grain size control 2—29444
Al_2O_3:MgO, initial sintering, effect of green density 2—36257
Al_2O_3:TiO_2, MgO, point of zero of charge, doping effects 2—40828
Al_2O_3-Al alloy, oxidation reversible transform., electron microscope obs. 2—40811
Al_2O_3-CdSe thin-film transistor, effects of ionzing radiation 2—22595
Al_2O_3-Cr_2O_3, containing 0.01-4.98% Cr, e.p.r. spectra, optical fluorescence spectra, obs. 2—4549
Al_2O_3-Cr_2O_3 and Al_2O_3-Cr_2O_3-Fe_2O_3 systems, spinodal decomp. 2—29423
Al_2O_3-Cr_2O_3 and Al_2O_3-Cr_2O_3-Fe_2O_3 systems, spinodal decomp. 2—29424
Al_2O_3-Fe-Fe_2O_3-CaO, sub-solidus phase relations 2—1136
Al_2O_3-Li_2O-SiO_2 glass, metastable phase separation and crystn. 2—25161
Al_2O_3-MgO spinel, reaction with CaO 2—37030
Al_2O_3-MoMn bond strengths, sintering conditions effect 2—32753
Al_2O_3-Ni, solid soln., electrolytically deposited, dispersion hardening, tensile tests 2—19236
Al_2O_3-Si and Al_2O_3-SiO_2-Si structures. effect of heat treatment 2—29736
AlO, ab initio calc of $B^2\Sigma^+$-$X^2\Sigma^+$ oscillator strengths 2—8581
AlO, laser excited fluorescence and radiative lifetimes of levels of $B^2\Sigma$ state 2—8580
AlO emitted from H flame at atmospheric pressure, 2300-2700 K, second-law calc. of bond association energy 2—10617
Al_2O_3, a.p.r. Jahn-Teller theory 2—10492
Al_2O_3, a.p.r. of V^{4+}, spin-phonon coupling consts. 2—36983
Al_2O_3, activated, foreline trap for suppressing contamination from vacuum pumps 2—17137
Al_2O_3, alumina, fracture at surface flaws, thermal expansion anisotropy effect 2—12886
Al_2O_3, alumina, triboluminesc., sand blasting technique 2—4526
κ-Al_2O_3, alumina, unit cell obs. 2—25325
α-Al_2O_3, alumina ceramic, interatomic spacings, X-ray obs. 2—29135
Al_2O_3, anodic barrier film, amorphous and crystalline phases, microstructure 2—9266
Al_2O_3, anodic film, photoluminesc. 2—13500
Al_2O_3, anodic films, mechanical properties 2—3857
Al_2O_3, bicryst. tensile specimens, stress distrib. across grain boundary 2—32598
Al_2O_3, ceramic, porosity reduction, by impregnation with salt soln. 2—29442
Al_2O_3, ceramic strate, thermal analysis of laser drilling process 2—11495
Al_2O_3, chem. vapour deposition by hydrolysis of $AlCl_3$ 2—39490
Al_2O_3, corundum, anharmonicity of crysts. heated by intense i.r. radiation 2—19345
Al_2O_3, corundum, colour centre activation energies 2—29198
Al_2O_3, corundum, diffusion creep 2—9670
Al_2O_3, corundum, growth, passive faces and imperfection surfaces 2—18970
α-Al_2O_3, corundum, in lunar dust 2—13996
Al_2O_3, corundum, production by Czochraslki and Verneuil method, absorption spectra 2—29908
Al_2O_3, corundum, spin-lattice relax. of Fe^{3+}, temp. and conc. depend. 2—26079
Al_2O_3, corundum, thermal stability parameters 2—36251
Al_2O_3, corundum, with abnormal phonon distrib., i.r. refl. spectra 2—26142
Al_2O_3, corundum whiskers, plastic deform. mechanism 2—6545
Al_2O_3, cryst. growth and oxygen diffusion 2—36250
Al_2O_3, crystal growth, gradient furnace method 2—18975
α-Al_2O_3, double refraction, temp. dependence, spectrographic meas. over 20 to 65°C and λ=400 to 650 nm 2—7046
Al_2O_3, e.p.r. of $3d^2$ ion, elec. field effect 2—13532
Al_2O_3, e.p.r. of Fe^{3+}, linewidth temp. depend., spin-phonon interaction 2—10493
Al_2O_3, exoemission, correlation to γ-α phase transition 2—4316
Al_2O_3, filament-reinforced plasma-sprayed, mech. props. 2—36264
Al_2O_3, film, for gate insulation and passivation 2—1556
Al_2O_3, film, for gate insulation and passivation 2—1557
Al_2O_3, fracture energy determ. 2—29317
Al_2O_3, grain boundary grooving 2—19287
Al_2O_3, H_2O, colloidal boehmite, creep and shrinkage during dehydroxylation 2—12867
Al_2O_3, impact strength determ., drop weight test method 2—29443
Al_2O_3, in Al-Al_2O_3-Au film sandwiches, ionic conduction and time dependent polarization 2—36584
Al_2O_3, in Al-Al_2O_3-Au diode, negative resistance and energetic electron processes 2—19725
Al_2O_3, in H_2 atmosphere, thermal etch figure 2—28997
Al_2O_3, in m.a.o.s. diode, two carrier charge transport and storage model 2—36571
Al_2O_3, in m.a.o.s. structure., charge injection 2—1548
Al_2O_3, in m.i.m. struct., photoemissive detn. of barrier profile 2—4257

Aluminium compounds continued
Al_2O_3, in m.i.m. tunnelling struct., energy-momentum relation 2—19724
Al_2O_3, in m.i.s. struct., flat band shift, controlled charge injection 2—4260
Al_2O_3, initial sintering, effect of TiO_2 addition 2—36194
β-Al_2O_3, ionic cond., electrode polariz. effects 2—22611
Al_2O_3, γ-irradiated sample, e.s.r. study of holes trapped at Mg^{2+}, Li^+ and cation vacancies 2—4538
Al_2O_3, lattice thermal conductivity 2—19447
Al_2O_3, loss factor, water sorption effect 2—16263
Al_2O_3, mechanical and insulatory behaviour of films evaporated onto a steel substrate by electron bombardment heating 2—35886
Al_2O_3, metallographic polishing powder, scanning electron microscope evaluation 2—36192
Al_2O_3, Mo-dispersed, compressive strength, grain size depend. 2—15863
Al_2O_3, Mo-dispersed, compresive strength, grain size depend. 2—15862
α-Al_2O_3, NBS standard for heat capacity and enthalpy, relative enthalpy meas. 273-1173 K 2—29555
Al_2O_3, noncollinear attenuation of u.s. waves 2—16024
Al_2O_3, phase transitions 2—1388
Al_2O_3, plasma arc sprayed, electron microscope obs. 2—15663
Al_2O_3, pulverized, active centres, e.p.r., thermolum. 2—10522
Al_2O_3, quartz, interstitial Fe^{3+}, optical absorpt. 2—3806
Al_2O_3, quenched, residual stress computation 2—36107
Al_2O_3, refractive index of defects in synthetic corundum crystals grown by the Czochralski method 2—29872
Al_2O_3, ruby, microwave and optical spectroscopy of Cr^{3+} 2—33249
Al_2O_3, sapphire, Burgers vectors of basal dislocations 2—9557
Al_2O_3, sapphire, chemical polishing 2—1201
Al_2O_3, sapphire, dislocation struct., etch pit study 2—9244
Al_2O_3, sapphire, high power laser beam scatt., nonlinear effects 2—16450
Al_2O_3, sapphire, press forging, deformation, recrystallization, strength, fracture 2—36249
Al_2O_3, sapphire, prismatic slip, 1150°-1750°C 2—36130
α-Al_2O_3, sapphire, transition metal doped, H incorporation by H_2, high temp., i.r. study 2—9584
Al_2O_3, sapphire bearings, operational behaviour, structure effects 2—32653
Al_2O_3, sapphire jewel bearings; tribological props. 2—9721
Al_2O_3, single crystal, pure and doped, elec. cond., interpretation of expt. data 2—1562
Al_2O_3, sintered, polycryst. props. rel. to monocryst. props. 2—22254
Al_2O_3, sodium borosilicate glass, dispersed composite system, fracture energy, strength 2—32624
Al_2O_3, spin-lattice relax. of Cr^{3+}, impurities influence 2—10264
Al_2O_3, substrate, surface chem. rel. to film adhesion 2—39474
Al_2O_3, synergetic press. sintering, densification 2—39875
Al_2O_3, thermoluminesc. dosimetry, fading, trap model 2—29972
Al_2O_3, with additives, sintering, mech. and dielec props. 2—36199
Al_2O_3, work of fracture determ. 2—39951
Al_2O_3 additive for $BaTiO_3$, effects on dielec. props. and densification 2—16284
Al_2O_3 adsorption of methyl pyridine studied by i.r. spectroscopy 2—6367
Al_2O_3 anodic coating on Al, plastic deform. 2—1286
Al_2O_3 ceramic, thermoluminescence emission spectra, continuous determ. 2—29982
Al_2O_3 ceramics, production, electrical parameters and applications 2—1552
Al_2O_3 corundum, Fe^{2+} effect on electron spin relax. for Fe^{3+} 2—13423
Al_2O_3 dispersion reinforced Cu, mech. props., prod. technique depend. 2—1341
Al_2O_3 filaments, strength, surface damage effect 2—19192
Al_2O_3 film, electron beam evap., effect of substrate potential on elec. and optical props. 2—40310
Al_2O_3 film, field ion microscope study 2—35885
Al_2O_3 film, form. by electron-beam evaporation, optical and dielec. props. 2—35884
Al_2O_3 film, phase transformations 2—1389
Al_2O_3 film, porous anodic, light scatt., polariz. effects 2—19949
Al_2O_3 film, prep. by pyrolytic decomp. of aluminium isopropoxide 2—29025
Al_2O_3 film in m.i.m. structure, space charge effect on elec. strength depend. on insulator thickness 2—29734
Al_2O_3 films, photo- and electroluminescence 2—20119
Al_2O_3 films on Al, 30 to 600Å, work function, saturation photocurrent and contact potential obs. 2—6913
Al_2O_3 films on Si, heat treatment influence on struct. 2—32357
Al_2O_3 in m.i.m. sandwich struct., electron emission, elec. cond., electroluminescence 2—13290
Al_2O_3 inclusion in steel, scanning electron microscope obs. 2—29432
Al_2O_3 irradiated, impurity effects on swelling 2—12745
Al_2O_3 layers on Al, characteriz. by ellipsometry 2—22070
Al_2O_3 m.o.s. devices, radiation-induced trapped charge, relaxation phenomena 2—19739
Al_2O_3 particles, coarsening in Ni-Al_2O_3-Mg alloy 2—32743
Al_2O_3 plate, wetting by molten Fe 2—3496
Al_2O_3 porous anodic film, light scatt., coloration 2—13454
Al_2O_3 powder, electroluminesc. 2—7103
Al_2O_3 powder, spectral normal emittance determ. using heated metal substrates 2—40088
Al_2O_3 reinforced composite, grain boundary grooving 2—19288
Al_2O_3 rods in superconducting helical resonator, losses from 130 to 450 MHz at low temp. 2—36577
Al_2O_3 thermal expansion, cooperative measurements using pushrod dilatometers 2—16045
Al_2O_3 whisker, growth kinetics 2—39537
Al_xO_y film, ion implanted, cond. mechanisms 2—13111
$Al(OH)_3$, growth from seeded caustic aluminate soln. 2—18990
$Al(OH)_3$, thermal decomp., kinetic study 2—37024
β-$11Al_2O_3.Na_2O$, ceramic, impurity doped, ionic cond. 2—19753
$xAl_2O_3.SrO.(6-x)Fe_2O_3$, cryst. growth and bubble domain props. 2—22103
$Al_2O_3.TiO_2$-$MgO.2TiO_2$, microcrack monitoring by acoustic emission 2—29381
$AlPO_4$, phonon-phonon and proton-phonon interactions 2—19352
$AlPO_4.2H_2O$, high temp. phase transform. X-ray obs. 2—39979
AlSb, band struct., interband transitions and excitonic effects 2—10044
$Al_2SiO_4(F,OH)_2$, topaz n.m.r. determ. of ^{27}Al quadrupolar coupling constant and asymmetry parameter 2—10541
Al_2TiO_5, cryst. struct., room temp. and 600°C 2—39630
Al_2O_3:Gd^{3+}, energy levels, wavefunctions, dipole and quadrupole transitions of Gd^{3+}ions 2—29852

Aluminium compounds continued
- Au-Al_2O_3 cermets, secondary electron emission 2—10163
- BN-TiB_2-Al powder, hot pressing, evaporating element prep. 2—39956
- BaO-TiO_2-Al_2O_3 system, ternary cpd. identification, X-ray anal. 2—29462
- CaO-Al_2O_3-CaF_2 system phase equilib. diagram 2—15982
- CaO-MgO-Al_2O_3-SiO_2 system, phase equilibria at akermanite-anorthite-forsterite join 2—39416
- $CeAl_x$, mag. susceptibility and n.m.r. obs., electronic contribs. 2—7134
- Cu_9Al_4—X, X=Mn, Fe, Ni, ternary mixed powder compacts, sintering behavior, expansion, Kirkendall diffusion 2—19279
- Fe-Al_2O_3, dispersion hardened, plastic deformation at elevated temp. 2—9658
- Fe_2O_3-Al_2O_3, spin relax. time of Fe^{3+}, impurity ions effects, Mossbauer obs. 2—40574
- (1-x)Fe_2O_3-x Al_2O_3, hematite, mag. dilution effects on Morin phase transition, Mossbauer obs. 2—19915
- GaAs/$Al_xGa_{1-x}As$, periodic band gap structures, molecular beam epitaxy 2—6404
- GaAs-AlAs heterojunction injection laser, internal parameters at 300K 2—37992
- GaAs-AlAs injection laser, stimulated emission threshold dependence on duration of pumping current 2—37997
- GaAs-AlAs solid solution, optical spin orientation of non-equilib. electrons 2—26218
- $LiAlF_4$ and $NaAlF_4$, i.r. spectra of matrix isolated vapours 2—797
- $LiAl_5O_8$+Cr^{3+}, absorption, fluorescence, e.p.r. and n.m.r. for low symmetry crystal field 2—4492
- Li_2O-BaO-Al_2O_3-SiO_2 system, phase equilib., permittivity, dielec. losses, specific vol. resist. 2—16266
- $LuAl_2$, Laves phase compound, low temp. specific heat 2—19425
- Nb:Al_2O_3, sintered, cold worked, supercond. props 2—32945
- $Pr_{0.333}Cu_{0.1}Al_{0.566}$, magnetic and neutron diffraction studies 2—10216
- Pt/Al_2O_3 disperse catalyst, metal particle size distrib., small angle scatt. 2—3973
- $Si_{1-x}Al_x$ ion implanted, elec. props. 2—25873
- SrO.4.1Fe_2O_3.1.9 Al_2O_3, reversal processes in hysteresis loops of single particle domains 2—33128
- $Y_3Al_5O_{12}$ garnet, nuclear magnetic resonance investigation of temperature dependence of crystal field gradient 2—1735

Americium
- atom, core electron binding energies determ. 2—35165
- metallic state, metallurgical properties and electron structure 2—22323
- superconductivity, review 2—13147
- ^{241}Am, ion source for mass spectrometry 2—11930
- in Cm_2O_3, emission spectrographic det. 2—30109

Americium compounds
- chemical characterisation, by ^{243}Am Mossbauer spectroscopy 2—22734
- AmO_x, oxygen dissoc. press. and phase behaviour 2—9217

Ammonia *see Nitrogen compounds/ammonia*

Ammonium compounds *see Nitrogen compounds/ammonium compounds*

Amorphous state
- *see also Vitreous state*
- amorphous solid, lateral spread of implanted ions, analysis 2—19082
- cellulose, paracryst. lattice disorder 2—25165
- chalcogenide, glass transition 2—9225
- chalcogenides, a.c. cond. 2—16205
- chalcogenides, photocond. analysis 2—36609
- characteristic parameters, repeatability no., Deborah no. and critical cooling rates 2—18893
- o-cresol, deposited at low temperatures 2—28970
- deposits formed by condensation at low temperatures 2—28970
- deposits formed by condensation at low temperatures 2—32314
- disordered solid, i.r. vibr. spectrum, theory 2—22388
- disordered system, spectral limits, tight binding model 2—19496
- electron penetration and retardation 2—9910
- electronic states of one-dimensional amorphous substances with γ-junction atomic potentials 2—13065
- elemental semiconductor, struct. and transport props. 2—19646
- ferromagnet, spin wave theory 2—33120
- ferromagnetic dil. alloys, magnetiz. 2—26004
- film, cond., negative resist., electron emission, electrolum., filamentary model 2—40272
- film, effect of deposition conditions on profile and props. 2—32353
- finite system, reduced Green function 2—13078
- ice, deposited at low temperatures 2—28970
- lactone polymers, glass transition temp. of monomeric lactones and polymers 2—32321
- metal, phonon enhanced cyclotron mass and electronic sp. ht. 2—16101
- metallic glassy alloy, structural model 2—32713
- n.m.r. enhancement due to dynamic polarization produced by e.s.r. centre 2—40771
- nylon, stress ageing, water content influence 2—3937
- one-dimensional aperiodic solid, elec. cond. calc. 2—22448
- optical absorpt., fund. edge behaviour, rel. to cryst. materials 2—40652
- partial struct. factors separation using anomalous scatt. 2—12536
- phenol crystallization of amorphous deposits 2—32314
- polyethylene, amorphous surface layers, thickness, with rel. to supercooling, loops, cilia 2—18949
- polyethylene terephthalate, amorphous and cryst., fracture behaviour 2—39845
- polyhexane-1, sp. ht., abnormal behaviour in region of γ and δ relax. peaks 2—25686
- polymer, glass transition, hole theory applic. 2—3460
- polymer, glassy, crack growth 2—9712
- polymer, glassy, yielding behaviour 2—3872
- polymer, PVT props. and transitions 2—3478
- polymer, tensile strength, internal friction 2—36145
- polymers, rot. and progressive diffusion, local conc. of radicals, e.p.r. obs. 2—30018
- polymethyl methacrylate, thermodynamic props., press. depend. 2—13048
- Poole-Frenkel conduction, screening effects 2—22452
- Raman scattering, density of states and thermodynamic props. 2—20061
- semiconductor, band struct., cycle-free approx. 2—25840
- semiconductor, charge carrier mobility at mobility edge 2—40237
- semiconductor, chemical bonding, theory 2—19613
- semiconductor, covalent network model, electronic struct. 2—19658
- semiconductor, elec. props. rel. to struct. 2—32967
- semiconductor, electronic states and elec. transport, review of current theories 2—40233

Amorphous state continued
- semiconductor, energy gaps and ordering 2—13254
- semiconductor, forbidden optical and elec. bands, Fritzsche model 2—16223
- semiconductor, III-V, complex dielec. const. from refl. meas. 2—26104
- semiconductor, III-V and elemental, complex dielec. const. calc. 2—26105
- semiconductor, localized states in band gaps, perturbed atomic orbitals 2—16222
- semiconductor, non-ohmic behaviour and switching 2—19632
- semiconductor, one-phonon spectra 2—19332
- semiconductor, percolation on continuum and localization-delocalization transition 2—6791
- semiconductor, phys. props., review 2—40224
- semiconductor, produced by heavy ion bombardment 2—25367
- semiconductor, produced by ion bombardment, Raman spectra obs. 2—26186
- semiconductor, thin film, review 2—10005
- semiconductor, trial wavefunctions for valence band 2—13253
- semiconductor, weak absorpt. tails and localized states 2—33248
- semiconductor diode, a.c. voltage amplification 2—10089
- semiconductor film, electro-thermal switching, model 2—9994
- semiconductor film, negative differential cond. due to electrothermal instabilities 2—6802
- semiconductors, elec. props., band models, review 2—13203
- semiconductors, electronic processes and phase transition effects 2—22515
- small angle X-ray scattering, density fluctuations 2—3466
- solid, ion beam scatt., Monte Carlo simulations 2—17567
- sputtered, topography, computer simulation 2—39449
- superconductor, phonon spectra 2—13157
- transition metal films, resist., annealing 2—15667
- transitions at low temps., detection by Rayleigh scatt. 2—9229
- water, solid, preparation, demonstration of absence of crystalline ice 2—28971
- wool, thermal conductivity and heat flow in region interlaced with cylinders 2—7776
- X-ray scattering, FORTRAN IV computer program 2—19041
- X-ray secondary scatt. intensity calc. method 2—22052
- X-ray small angle scattering in radial distribution function calculation 2—3648
- Al-(17.3 at.%)Cu alloy, splat quenching 2—32687
- As-Se layers, effective lifetime of charge carriers 2—29673
- As, optical props., band struct. 2—29896
- As_2S_3-Sb_2S_3, cond., hopping mechanism 2—36493
- As_2S_3 films, a.c. and d.c. cond. 2—10006
- $As_2S_3(Se_3)$, photodecomp. and optical densification 2—13589
- As_2Se_3, thermopower, 120 to 200 C 2—16303
- As_2Se_3, thin film, optical consts. determ. from i.r. refl. spectra 2—33200
- As_2Te_3, struct. and transport props. 2—19646
- Au-Ge-Si alloy, viscosity and glass formation 2—32721
- Au-SiO films, elec. cond. and substruct. 2—12656
- $BaSiO_3$-Nd_2SiO_5 system, apatite struct., comp. depend., i.r. spectra obs. 2—18894
- Bi, supercond., phonon spectra 2—13157
- C, dissolved in Ni foil, precip. as graphite film 2—32694
- C, glasslike, isothermal dissolution and re-precipitation of graphite 2—3985
- C, opt. constants, 1-4 eV, band struct. 2—26160
- C, switching phenomena 2—32969
- $CaSiO_3$-Nd_2SiO_5 system, apatite struct., comp. depend., i.r. spectra obs. 2—18894
- CdS single-crystal/amorphous-semiconductor heterojunction pickup tube 2—10147
- CdTe, amorphization on ion implantation 2—36047
- CdTe, lattice disorder on Bi and Tl ion implantation, annealing obs. 2—36048
- Co-Pd-Si alloy, ferromag. reson. 2—7110
- Co film, magnetoresist. 2—33151
- $FeCl_2$ frozen soln., glass transition 2—9220
- Ga, supercond., phonon spectra 2—13157
- GaAs, density of vibr. states, Raman spectra obs. 2—16541
- $Ga_{0.12}As_2Se_{3-x}Te_x$, glassy, I-V characts., chem. comp. influence, switching 2—13229
- GaSb film, tunnelling, effect of temp. and doping 2—19647
- Ge:B,P, ion implanted, path length distrib., 25- 150 keV 2—25710
- Ge-Te alloy, struct. and transport props. 2—19646
- Ge, crystn. rel. to switching 2—33014
- Ge, density of vibr. states, Raman spectra obs. 2—16541
- Ge, film, elec. props., electrode effects 2—10066
- Ge, X-ray absorpt. fine struct. obs. 2—3640
- Ge film, elec. and optical props. 2—40291
- Ge film, elec. resist., struct., band gap, crystn. 2—40286
- Ge films, photoemission, electronic struct. 2—4324
- Ge in m.o.s. struct., tunnel conductance 2—13298
- GeO_2, photocond., fluctuation levels 2—10137
- GeO_2, X-ray absorpt. fine struct. obs. 2—3640
- GeS, long range order and bonding rel. to spectra, 0.5-21 eV 2—20015
- GeTe film, recording of optical information 2—40225
- InSb film, recording of optical information 2—40225
- InSb film, tunnelling, effect of temp. and doping 2—19647
- Mn-P-C alloy, atomic and radial distrib. functions 2—15933
- Ni-Pt-P-Cr alloys, elec. resist. and mag. susceptibility 2—6761
- Ni film, spin wave reson. and stress effects 2—20129
- $Ni_{35}P_{15}$, temp. depend. of magnetization, amorphous ferrimagnetic model 2—22694
- Pb-Bi alloys, supercond., electron tunnelling 2—13172
- Pb, phonon enhanced cyclotron mass and electronic sp. ht. 2—16101
- Pb, supercond., phonon spectra 2—13157
- $Pb_{55}Bi_{45}$, supercond. surface resist. 2—13177
- Pd-20 at.%Si cryst. transform., qualitative model, deform. obs. 2—29264
- Pd-Ni-P alloy, elec. resist., temp. coeff., rel. to P content, 4.2-300 K 2—40182
- β-Pu, length change due to self- irradiation damage, 4K 2—19080
- Sb film on W(100) face, struct. and work function 2—9281
- Sb_xSe_y, Mossbauer effect obs. 2—13451
- Se-As glass, powder, sintering 2—19281
- Se-Te alloy, microhardness, density, X-ray scatt. and heat capacity relax. effects 2—39772
- Se, atomic distribution curves 2—22049
- Se, attenuation length of excited electrons 2—32987

Amorphous state continued
  Se, crystallization behaviour 2—39434
  Se, memory switching effect shown to be crystal amorphous phase transformation 2—4184
  Se, phase transformations at high-pressure 2—25636
  Se film, elec. cond., temp. depend. and mechanism 2—25826
  Se film, exponential hole trap distrib. in forbidden band, photoresponse obs. 2—25957
  Se film, photocond. and optical props. 2—32989
  Se film, space charge I-V characts. 2—13259
  Se layers, effective lifetime of charge carriers 2—29673
  Se thin film, optical consts. determ. from i.r. refl. spectra 2—33200
  Si, amorphization, ion bombardment induced 2—1242
  Si, amorphization by 30 keV P ion implantation 2—25381
  Si, crystalline-amorphous transition due to ion bombardment 2—25159
  Si, crystn. rel. to switching 2—33014
  Si, density of vibr. states, Raman spectra obs. 2—16541
  Si, photoemission and optical obs. of electronic struct. 2—33017
  Si, random spectrum of backscattered ^{4}He ions 2—25715
  Si continuous layer form. by ion bombardment 2—25425
  Si in m.o.s. struct., tunnel conductance 2—13298
  Si ion implanted, elastic and anelastic behaviour 2—19166
  Si ion implanted, recrystallization, effects of Al film 2—19120
  SiO$_2$, photocond. and photoinjection obs. of band edge 2—16316
  SiO$_2$, structure, pair distrib. function detn. 2—22050
  SiO$_2$, total small angle slow neutron scatt. cross-section 2—22051
  SiO$_2$ polymorphs, irrad.-induced changes in density and molar fraction 2—18904
  Si$_2$Te$_3$ film, band struct. and elec. props. 2—19671
  SrSiO$_3$-Nd$_2$SiO$_5$ system, apatite struct., comp. depend., i.r. spectra obs. 2—18894
  Ta$_2$O$_5$ film, complex dielec. const., thickness effects 2—40326
  Te-Ge-Se system, semiconducting, equilibrium diagram and glass transition temp. 2—29675
  Te$_{81}$Ge$_{15}$Sb$_2$S$_2$ film, light induced crystallization, memory effects 2—19653
  TiO$_2$ film, dielec. const. freq. depend., Cole- Cole diagrams 2—40327
  WO$_3$, amorphization, ion bombardment induced 2—1242

Amplifiers
  biased, operation and circuit diagram 2—23490
  biased, operation and circuit diagram 2—30972
  broadband current preamplifier for high resolution energy and time information from nuclear radiation detectors 2—27841
  charge sensitive, low noise ceramic encapsulated j.f.e.t. 2—29726
  d.c. transistorized photomultiplier, output stage 2—30976
  diffusion molecular laser amplification coeff. 2—21064
  digital dosemeter, IC amplifier as integrator 2—26964
  electrometric, for electron spectrometer, schematic and characteristics 2—18002
  electroretinography, a.c. amplifier artefact 2—26974
  flashlamp-pumped organic laser dyes, properties, optimization for practical use 2—31044
  gain control for ultrasonic pulse echo meas. 2—34116
  h.f., spectrometry with semiconductor detectors under large loads 2—24066
  Josephson junction, positive feedback, current amplification 2—9976
  Josephson parametric amplifier, at 30 MHz, self-pumped 2—19604
  laser, high gain amplification, active synthesis of inverse optical filters using negative feedback 2—8014
  laser, POCl$_3$:Nd^{3+}, performance 2—23605
  laser, Q-switched, superregenerative 2—23572
  laser, regenerative, homogeneously saturable, gain, bandwidth and phase characteristics 2—34386
  laser, stability of steady-state π pulse 2—11453
  laser, time-resolved gain meas. analysis of pulsed two-level laser system 2—5344
  maser systems, application to deep space communications 2—37942
  m.o.s.f.e.t.s. in nuclear instrumentation amplifiers 2—31377
  multipass with low power master laser oscillator for generation of picosecond high irradiance light pulses 2—37943
  negative-mobility, in emitter-current limited injection mode, space charge effects 2—6809
  one-photon, quantum mechanical treatment of output radiation 2—2376
  optical, parametric review 2—5345
  parametric, in optical information systems 2—7906
  for particle spectrometer, electron, pulse counting applic. 2—34241
  of photoelectric effect and Plancks constant experiment 2—2325
  phototube, 8 channel for multidetector systems 2—31378
  preamplifier, IC, variable threshold for magnetostrictive signals 2—14359
  preamplifiers, high rate, direct coupled for Ge(Li) coaxial gamma detector 2—27888
  proportional slow-neutron counters, amplifier- discriminator system 2—17521
  Raman photon amplifier, quantum statistics 2—31020
  reacting gas, high press., i.r. amplification 2—21041
  r.f. using labile negative ions of O$_2$ excited by high frequency current 2—37840
  rhodamine 6G, multistage dye amplifier, absolute gain meas. 2—11473
  spectrometric, field-effect transistors for semiconductor detectors 2—19715
  two-photon, quantum statistics 2—21038
  two-photon (different modes), quantum statistics 2—21039
  two-photon amplification, quantum correlations 2—34374
  ultrasonic, parametric, theory and equivalent circuits 2—5234
  CO$_2$, effect of resonance exchange between 10^00 and 02^00 levels on weak signal amplification coefficient 2—37962
  CO$_2$ laser, spatially resolved gain meas. 2—37955
  CO$_2$ regenerative ring lasers, effect of saturation on gain-bandwidth 2—5360
  He-Xe laser, amplitude characteristics 2—23599
  N$_2$, pumped dye-laser, oscillator-amplifier system 2—11475
  Nd- doped lasers, numerical evaluation of amplifying media 2—7935
  PbZrTiO$_3$ pyroultrasonic parametric amplifier, responsivity enhancement of pyroelectric detector 2—20952

Analogue computer applications *see Computer applications*

Analogue computers *see Calculating apparatus/analogue apparatus*

Analysis *see Chemical analysis; Statistical analysis*

Anechoic rooms *see Acoustical laboratories*

Anelasticity *see Internal friction*

Anemometers
  acoustic comparison in atmospheric turbulent flow over water 2—26490
  Antarctica, extreme winds, measurements and recordings 2—40951
  calibration of constant temp. hot-wire anemometers at low velocities in H_2O with variable fluid temp. 2—39302
  hot wire, constant temperature, feedback control theory 2—40915
  hot wire, filament vibration in turbulent flow fields and errors in meas. of velocicty fluctuations 2—12487
  hot wire, obs. in variable density flow, checking of consistency 2—20799
  hot wire, temperature effects on calibration 2—18728
  hot wire for gas speed meas., calibration 2—3287
  hot wire for turbulence meas., using drag force 2—25012
  hot-wire, appl. to turbulent helium jet meas. 2—24971
  hot-wire, applicability to turbulent flow meas. 2—3297
  hot-wire, improved response equation 2—24948
  hot-wire anemometry in low density flows 2—21730
  ionization, multi-range 2—18736
  laser, for edge-tone oscillations meas. in air 2—15526
  laser, for meas. of spatial and temporal correlations of turbulence in water 2—15549
  laser, for Reynolds shear stress meas. 2—15550
  laser, statistical ambiguity 2—15429
  laser Doppler, frequency tracker design 2—35440
  laser-Doppler, applic. to migration meas. in laminar suspension boundary layer 2—25120
  lasers, review of mode of operation and applications 2—3283
  multiunit system for airflow obs. in large ducts 2—3300
  optical single channel, for velocity meas. in laminar pipe flow 2—15525
  rotated hot wire for turbulence obs. in wake of flat plate 2—3295
  split-film probe, det. of azimuthal convective heat transfer coeff. 2—21756
  thermoconductimeter applic. for low vel. meas. in liqs. 2—25009
  wind measurement over ocean, sampling scheme 2—1857

Angle measurement
  calibration of goniometric scales and instruments, certification of reference standards 2—23216
  oscillation amplitudes in inaccessible places, optical method 2—23218
  parallelism of transparent sample surfaces using two beam nonlocalised fringes produced by laser 2—5114
  small angles, down to 6′, apparatus 2—27025

Angular distribution *see Gamma-rays/angular distribution; Neutrons and anti-neutrons/angular distribution; Protons and anti-protons/angular distribution*

Angular momentum theory *see Quantum theory*

Angular velocity measurement
  see also Stroboscopes
  apparatus for measuring small variations 2—20803

Anisotropy, magnetic *see Magnetic anisotropy*

Annealing
  alloy, Ag-Zn, ordering and radiation enhanced diffusion 2—3817
  alloy, dispersion-strengthened, grain size during recrystn. 2—12929
  alloy, f.c.c. ordering, influence on residual resist. 2—6609
  amorphous semiconductor, influence on elec. props., review 2—13215
  brass, annealing twins, form. mechanism 2—39889
  β-brass, high temp. deformation, discontinuous yielding, superdislocation climb 2—39781
  brass, vacancy form. during recrystn. 2—39888
  continuously ON devices, prediction of transistor annealing factors from electrical obs. 2—17519
  crystal growth by strain annealing 2—25270
  defect solid, computer simulation 2—15737
  graphite, pyrolytic, compression annealed, preferred orientation and degree of graphitization 2—22327
  graphitizable substances, low temp. carbonization, mesophase formation, e.p.r. 2—9784
  graphitization, film formation by precip. of C from Ni foils 2—32694
  graphitization, prep. of support film for electron microscopy 2—25311
  graphitization kinetics, activation energy determ. 2—29388
  Inconel 600, explosive shock deformation, thermal recovery 2—9656
  magnetic, and magnetostrictive ferrites for increasing coupling constant of transducers 2—6979
  magnetoplumbite powders, mag. spectra before and after annealing, 30-52 GHz meas. range 2—16643
  metal, vacancy condensation pits, on quench annealing 2—6320
  plated wire memories, annealing effects 2—1349
  plated wire memories, interdiffusion of copper and Permalloy 2—1348
  polyethylene, cold-drawn, struct. changes 2—39897
  polyethylene, drawn, morphology and molecular motion, stress effects, n.m.r. obs. 2—15641
  polyethylene terephthalate fibre, texture rel. to tension and temp. 2—15642
  polyoxymethylene cryst., morphological changes 2—3476
  polyvinyl chloride, crystallization 80-260°C 2—18906
  rare earth orthoferrites, annealing induced domain wall mobility changes 2—10199
  reactor fuel, fission product release performance, post-irrad. exam. techniques 2—38761
  reactor fuel elements, fission gas annealing test in post-irrad. exam. 2—38757
  semiconductors, charge-state effects 2—19660
  p-Si, neutron damaged, calc. of reverse annealing 2—19690
  stainless steel, shock loading, recovery and recrystallization 2—9657
  steel, austenite, diffusion of C, effect of annealing struct. defects 2—32561
  steel, deformed, microcrack heating, density meas. obs. 2—32584
  steel, low C, texture control 2—39892
  steel, metastable austenitic, primary recrystn. texture development 2—25596
  steel, rolled, recrystallization, u.s. attenuation obs. 2—25572
  steel, stainless, neutron irradiation, void formation, thermo-mechanical treatment effect 2—6469
  transistors, by neutrons in biased off mode 2—19711
  transition metal films, amorphous, resist. obs. 2—15667
  Ag-Zn alloy, ordering and radiation enhanced diffusion 2—3817
  Ag, film, surface diffusion, hillock formation 2—25193
  Ag film, proton bombardment, radiation defects, 93-263K 2—22174
  Ag$_2$O, lattice expansion, annealing temp. effects 2—29560
  Al-4%Cu film, resistance changes due to precipitation during power annealing 32759 2—32759
  Al-In alloy, quenched, resist. transient 2—9536
  Al-In dil. alloys, vacancy annealing on quenching 2—9535

Annealing continued
Al-W alloy, rapidly quenched from the melt, phase transformations 2—25617
Al-Zn, Al-Zn-M alloys, M=Be, Fe, Mn, Si, clustering and solute-vacancy interactions elec. resistivity obs. 2—32693
Al-Zn based alloy, impurity-vacancy interactions and clustering kinetics 2—9754
Al, effect of In on dislocation-loop annealing 2—12769
Al, neutron irradiation, grain boundary internal friction peak 2—22217
Al, quenched, annealing behaviour of three- and four-layer dislocation loops 2—39693
Al, rolling, recrystallization, grain growth 2—12926
Al, small angle X-ray scatt. obs. of size distrib. variation 2—25592
Al, ultrapure, grain growth, boundary segregation 2—6598
Al, work hardened, recrystallization, orientation and struct. 2—15904
Al film, vacuum deposited, hillock growth 2—39492
Al films, optical and elec. props. variation 2—1659
Al ingot casting process 2—15902
Al_2O_3, sapphire, rel. to chemical polishing 2—1201
$As_2(Se,Te)_3$, vitreous, semicond., Hall coeff., cond., annealing effects 2—40243
Au-Ag alloy, short-range order formation, vacancy influence, elec. resistivity obs. 2—32596
Au-15 at.%Ag alloy, rel. to ordering props., rad. damage interpretation 2—36009
Au, electrodeposited, rel. to gas filled void growth 2—12746
Au, quenched, of vacancy defects 2—9567
Au surface, self-diffusion, contaminants effect, Auger spectra 2—32334
AuCu alloy, hardened, Frank loops 2—15760
C, amorphous film, rel. to structure and elec. conduction mechanisms 2—13221
C, pyrolitic, neutron irrad., phys. props. 2—3757
Cd, quenched, recovery spectrum and formation of vacancies 2—36201
Cd, splat cooled, microstructure 2—6427
CdSe film, in air, Cd crystallite growth 2—18935
CdSe film, in Se vapour, effect on elec. cond. 2—10011
CdTe:Cd, film, annealed in Cd vapour, elec. cond. rel. to annealing temp. 2—29663
CdTe, Bi implantation, damage and annealing obs. 2—36049
CdTe, effects on donor-Cd vacancy complexes 2—36535
n-CdTe, electron-irrad., defect level obs. from photoconductivity spectra 2—36537
n-CdTe, electron irrad. defects 2—15739
CdTe, lattice disorder on Bi and Tl ion implantation 2—36048
CdTe, outdiffusion of implanted ions obs. 2—25370
Co-Fe-Nb alloy, cold drawn, coercive force, magnetization, hardness, thermal expansion 2—1625
Co-Fe-Ni-Nb alloys, semihard mag., for remanent reed switch applics. 2—40463
Co-W, supersaturated solid solution, decomposition, thermomagnetic obs. 2—3986
Co alloy, WC grain growth kinetics 2—12933
Co_2O_3, low-spin high-spin transition 2—9468
Cu-Al alloy, deformed, effect of annealing temp. on struct. and props. 2—12888
Cu-Al alloys, small angle X-ray scatt. obs., of size distrib. variation 2—25592
Cu-Cr dil. alloy, cold-drawn, effects on dislocations and vacancies 2—36197
Cu-Mn, solid solution, coherent ordered precipitates 2—3990
α-cu-Mn solid soln., struct. ordered., Hall resist., mag. field and temp. depend., annealing effects, 4.2-100K 2—32918
Cu-Ni alloys, cyclic deformation, effects on resistivity microstruct. 2—15905
59wt.%Cu-12wt.%Ni29wt.%Zn alloy, superposition of strengthening mech. by thermomech. treatment 2—32688
Cu, electrolytic, effect on Young's modulus 2—39758
Cu, in vacuum or air, effect on temp. depend. of ductility 2—12882
Cu, neutron irradiation, elastoresistivity, thermal recovery 2—25371
Cu, rolling, 77K, secondary recrystallization 2—12934
Cu, small angle X-ray scatt. obs. of size distrib. variation 2—25592
Cu, spiral elongation test; impurities, heat treatment, quality factors 2—3932
Cu alloys, role of Cr and Zr on rolling and annealing texture 2—3946
Cu film, proton bombardment, radiation defects, 93-263K 2—22174
$CuFe_2O_4$-$MnFe_2O_4$-Mn_2O_3, effect on struct. and mag. props. 2—1627
Cu_2O, in O_2, i.r. absorp. spectra 2—36877
Fe-Al alloy, influence on permeability and magnetomech. coupling 2—6980
Fe-C alloy, rel. to cracking, temp. and H_2 partial press. effects 2—36173
α-Fe-Co alloy, elec. resist. vs quenching temp. 2—1346
Fe-(1.4at.%)Cu alloy, clustering, precipitation atom probe field ion microscopy 2—3960
Fe-Mn, alloy, cold rolled mag. props., residual conduction, coercive force, squareness ratio 2—19876
Fe-Nb-C, steel, segregation mech., phase struct., annealing tests, electron refr. obs. 2—32729
Fe-Ni alloy, diffusion of C, effect of annealing struct. defects 2—32561
Fe-Si, grain growth texture, magnetostriction effects, 800°C 2—9805
Fe-Si, texture variations during recovery stage 2—12935
Fe-Si alloy, recrystallization texture, effect of S 2—12937
Fe-Ti, steel, work hardened, annealed, recrystn., recovery, segregation, electron and optical microscope obs. 2—32698
Fe-Zn diffusion couple, intermetallic phase form. 2—29390
Fe, carbonyl, H permeability, 100-650°C 2—29218
Fe, white cast, graphitization, module nucleation 2—15907
Fe alloys, graphite precipitate, formation and spatial configuration 2—15908
Fe crystal, laminated, twisted, primary recrystallization texture 2—15901
Fe powder, effect on compressibility 2—39958
Fe rich alloy, δ-ferrite, high temp. equilib. struct. 2—15964
GaAs:Cd, ion iplantation daage, 2—9521
GaAs, Al^+ implanted, $Ga_{1-x}Al_xAs$, production 2—9585
n-GaAs, compensation by proton bombardment 2—25820
GaAs, low resistivity, electron bombarded, carrier lifetime recovery 2—36508
$GaAs_{0.6}P_{0.4}$ implanted layers, effect on p-n junction characts. 2—25887
$GaAs_{1-x}P_x$ electroluminescent diodes, defects annealing 2—7104
GaP:Zn,O, effect on luminesc. props. 2—26233
GaP, defects due to Ne^+ irrad. 2—25374

Annealing continued
GaP, induced by ion implantation study using Rutherford backscattering, channelling techniques with 1 MeV He ions 2—25421
Ge:Sb, Li, irrad., impurity-vacancy complexes 2—12756
Ge, amorphous film, rel. to interelation of transport, optical and structural props. 2—13273
Ge, amorphous films, deposition conditions depend. 2—4324
n-Ge, electron irrad., E_c-0.2 eV level, isochronal annealing effects 2—22560
Ge, illumination effect on dislocation mobility 2—32521
Ge, ion irrad. damage 2—22180
Ge, light-sensitive defect form. by electron and neutron irrad. 2—12749
p-Ge, neutron irradiation damage at 70 K, meas. isochronal annealing curves 2—29168
Ge radiation detectors, and neutron damage 2—24091
HfO_2-Y_2SiO_5 system, phase equilib. 2—1411
HgSe, in Se, effect on resist. and stoichiometry 2—25442
In, influence of ghost boundaries on grain boundary migration 2—9742
InSb, outdiffusion of implanted ions obs. 2—25370
K, deformed, model for stage-B recovery 2—19090
K, deformed, recovery spectrum 2—19089
KBr, of X-ray induced defects at low temp. 2—3760
KCl, irradiated, defect annealing, absorp. band obs. 2—36011
KCl, γ-irrad., F-centre obs. 2—16630
K_2CrO_4, ionizing radiation effects in crossover region 2—10645
LiF, deep electron trap props., thermoluminesc. obs. 2—29981
LiF, deformation defects, annealing effects, u.s. acoustic wave attenuation obs., 78-350K 2—12859
LiF, neutron irrad., defects, struct., effect of annealing 2—32487
LiF, reactor irrad., macropore formation 2—19075
Mg, electron irrad. damage 2—36012
Mg, neutron irrad., yield stress recovery 2—36119
$MgAl_2O_4$, spinel, rel. to chemical polishing 2—1201
MgO, plastic deformation, dislocation loops 2—32524
$Mn_xFe_{3-x}O_4$ film, ferrite, rel. to preparation and structure 2—19906
Mo-Ti-C alloy, deformed, subgrain growth, electron diffr. obs. 2—12946
Mo, deformed, subgrain growth, electron diffr. obs. 2—12946
Mo, neutron irrad. damage 2—19078
Mo, neutron irrad. damage 2—19077
Mo, rel. to grain size effects on fatigue 2—39829
Na film photoelectric electron emission 2—6930
NaF, point defects, formation and annealing 2—1245
Nb-Al-Ce(La)(Y)(Pr) alloy, hardness and phase comp. 2—4021
Nb-Al-Ge film, in high vac., supercond. props. 2—40200
Nb-Ti alloy, Young's modulus temp. depend., annealing effect 2—36095
Nb, cryst., deform., effect on dislocation density 2—25410
Nb, interstitial solute pick-up, Hall-Petch plot 2—9544
Nb, work hardened, interstitial diffusion, temp. depend., resist. obs. 2—15910
Nb alloy, deformed, struct. and ductility 2—9646
Nb single crystal, rel. to deformation twinning, pre-strain effects 2—32538
Nb_3Al-Ta_3Al system, solid solubility 2—9775
Nb_2O_5-WO_3 Wadsley defects 2—3792
Ni-Al-W-Mo-Co alloy, effect on struct. and props. 2—9733
Ni-(20 wt.%)Cr alloy, rel. to effects of Al+Ti complex additions 2—25573
Ni-(50 wt.%)Fe alloys, secondary recrystn. mechanism 2—39937
Ni-P films, struct. transform. and resist. obs. 2—15969
Ni-ThO_2, dispersion strengthened, ThO_2 particle growth electron microscopy 2—9734
Ni, film, polycryst., behaviour of magnetostrictively induced anisotropy 2—16381
Ni, relationship between point of recrystallization on microhardness curve and degree of formation before annealing 2—9718
Ni solid solns., non-equil., short-range order estab. 2—9772
Ni volumetric effects during heating after u.s. vibrs. 2—39894
Ni_3Mn, alloy, ordering during loading, 350, 400, 450, 500°C 2—15971
Ni_4Mo alloy, ordering process during isothermal annealing. field-ion microscope obs. 2—36294
Pb, grain growth, defect effects 2—32501
PbTe and $Pb_{1-x}Sn_xTe$ epitaxial layers, postgrowth annealing rel. to Hall mobility 2—4214
Si:B, electron irrad. damage 2—22178
n-Si:B, implanted, acceptor conc. obs. 2—25868
Si:B,Au, electron irrad., elec. cond., Hall effect 2—10070
Si:B implanted, deep level centre obs. 2—4231
Si:B implanted, Hall effect and resist. obs. 2—33016
Si:B ion implanted, ehanced effects by postimplantation of Si ions 2—19112
Si:B ion implanted, post implantation of Si ions, enhanced annealing effects 2—25428
Si:B ion implanted, rel. to elec. profile 2—25867
Si:B ion implanted, rel. to random and channelled distrib. 2—25427
Si:Li solar cell, neutron irradiation damage 2—22179
p-Si:N ion implanted at cryogenic temps., enhanced carrier conc. on annealing 2—25430
Si:O, i.r. absorpt. spectra before and after 2—22223
Si:P ion implanted, divacancy radiation damage, e.p.r. obs. 2—26265
Si:P ion implanted, temp. depend. of sheet resistivity obs. 2—25866
Si:Sb,O ion implanted, lattice disorder annealing, ioniz. stimulated during implantation 2—25376
Si/SiO_2 system surface charge density analysis with oxygen and nitrogen annealing 2—1529
Si-SiO interface, surface state annealing parallel to B_2 centre annealing in irrad. SiO_2 2—40312
Si, Be and Be-Li acceptor level complex obs. 2—33019
Si, disloc. free float-zone crystal, microdefects, annealing and etching obs. 2—3569
Si, electron irrad., isothermal annealing of luminesc. 2—10428
Si, interference effect on annealing temp. of A and E centres 2—9539
Si, ion implantation 2—22221
Si, ion implanted, struct. differences in light and heavy ion disorder 2—25378
Si, ion irrad. damage 2—22180
Si, neutron irrad., defect annealing obs. by space-charge-limited current 2—33020
Si, rel. to amorphization by 30 keV P ion implantation 2—25381
Si, single crystal film, rel. to dimpling, ion produced lattice damage 2—25368
Si, surface characterization by ellipsometry 2—25187

Annealing continued
- Si ion implanted, B^+, P^+, and Ne^+ ions, crystal damage and elec. props. 2–25380
- Si ion implanted, effects of Al film, recrystallization and interfacial migration obs. 2–19120
- SiC, single crystal at 2400C, induced 2H-6H transformation 2–4003
- SiO_2 electron irradiated, short term charge annealing 2–19732
- $Sm_{0.55}Tb_{0.45}FeO_3$, domain wall mobility enhancement 2–26071
- Sn, grain growth, defect effects 2–32501
- Sn, low temp. thermal cycling, grain growth, secondary recrystallization 2–32691
- $SrTiO_3$:Mn, effect on e.p.r. 2–36992
- Ti-Al-Cr and Ti-Al-Cr-Mo alloy, effect on mech. props. 2–36142
- Ti-(25 at.%)Nb alloy, omega phase formation, mechanism and kinetics, small angle X-ray scatt. 2–4006
- V, neutron irrad., effect of interstitial impurities, 375-575K 2–25443
- V_3Al-$Nb_3Al(Ta_3Al)$ system, solid solubility 2–9775
- V_3Au, effects on supercond. props. 2–19601
- W-Re alloy, electronic struct., positron annihilation 2–22483
- W, neutron radiation damage, defect clusters, electron microscopy 2–9758
- W, quenched and elec. beam irrad., vacancy form. and clustering 2–3764
- WSe_2, rel. to dislocation struct. effects on energy gap 2–36534
- YIG films, Ga-substituted, mag. props. 2–36752
- Zn crystal, disloc. substruct. obs. before and after laser induced damage 2–22184
- Zn kinked whiskers, straightening kinetics 2–1191
- ZnSe, irrad., wurtzite-zincblende transform. 2–9529
- Zr alloy, cracking susceptibility in I_2 vapour 2–6583

Annihilation of electrons *see Electron pairs/annihilation*

Anodes
- *see also Cathodes*
- dynamic pressure measurement for high current arcs 2–3272
- erosion, by elec. arc 2–9013
- erosion, on high current, high pressure, sparking 2–12476
- fall effect on plasma beam torch efficiency 2–6089
- film, thickening at const. overpotential 2–40824
- spot oscillations in He 2–3262
- X-ray tubes, mirrors of low-alloy Cr 2–30743
- Ag, ablation in short duration spark discharges 2–24905
- Cu, with impurities, electrolysis procedures for treatment 2–37047

Anodic films *see Electrochemistry; Films, solid*

Antennas *see Electromagnetic waves/radiators*

Antiferroelectric materials
- *see also Ferroelectric materials*
- arsenate single crystals, γ-irradiated, e.s.r. of free radicals 2–10122
- copper formate tetrahydrate, dielec. response function 2–13322
- exciton model, spin and optical excitations 2–4281
- perovskites, comparative behaviour of permittivity in weak field at room temp. 2–1555
- phase transitions, Landau, theory 2–19760
- phase transitions, low temp., elec. quadrupole moments 2–10118
- $Ag_2H_3IO_6$ single crystals, gel growth technique 2–22101
- $(BiNa)_{1/2}TiO_3$, props. above 200°C 2–29088
- $Ge_2(MoO_4)_3$, ferroelec. ferroelastic and paraelec.-paraelastic phases, X-ray obs. 2–19052
- $NH_4H_2AsO_4$, proton-lattice coupled motion 2–19376
- $(NH_4)_2H_3IO_6$, structure obs., using n.m.r. 2–1575
- $NH_4H_2PO_4$, far-i.r. absorpt. spectra, dielec. const., antiferroelec.-paraelec. transition 2–16494
- $NH_4H_2PO_4$, finely divided, permittivity 2–10121
- $NH_4H_2PO_4$, $NH_4H_2AsO_4$ phase transitions, phonon spectra, Raman scatt. 2–16550
- $NaNO_2$, spt. ht. near antiferroelec. transition pt. critical exponents 2–9889
- $PbZrO_3$, phase transitions, Mossbauer obs. 2–4001
- VO_2, transition to paraelectric 2–4007

Antiferromagnetic resonance
- magnetohydrodynamical-spin wave reson. 2–26257
- $CoWO_4$, 5.3-60K, anomalous temp. depend. 2–36973
- $CuCl_2.2H_2O$, parallel pumping of spin waves 2–40551
- FeF_2, hydrostatic press. effect 2–40555
- α-Fe_2O_3, 117 Gc/s, ferromag. phase transition 2–10471
- α-Fe_2O_3, antiferromag. haematite, field induced phase transitions 2–13418
- $GdAlO_3$, u.s.-spin wave interaction 2–32837
- K_2NiF_4, high-field, anisotropy energy determ. 2–36974
- Mg-Mn dil. alloys, temp. and freq. depend. 2–40761

Antiferromagnetism
- *see also Exchange interactions; Magnetic properties of substances/antiferromagnetic; Metamagnetism*
- alloy, atomic ordering, phase transitions, spontaneous magnetization, stress effects 2–4369
- anisotropic magnet, stress effects on metamag. transitions 2–33162
- antiferrimagnet, uniaxial two-sublattice Neel-type, spin wave energy spectra 2–36730
- antiferrimagnet, uniaxial two-sublattice Neel-type, spin wave energy spectra 2–33154
- band splitting, rel. to metal-nonmetal transition 2–40134
- critical phonon attenuation exponent near transition point 2–9872
- critical spin fluctuations 2–26055
- Dzialoshinski-Moriya type weak ferromagnet, field induced magnetisation reorientation 2–4400
- easy-axis magnet, critical dynamics, nonlinear effects 2–22671
- electron spin relaxation, Mossbauer spectra 2–22714
- excited states, indication of magnons in model 2–36757
- four point Hubbard model, specific heat maxima, rel. to Mott transition 2–33167
- ground state wave function, variational method 2–40542
- Heisenberg, linear defect, coupled spin-wave states 2–22698
- Heisenberg chain, finite linear, ground state energies 2–26011
- Heisenberg chains, spin-1/2, spin waves 2–22697
- Heisenberg magnet, dil., spin wave modes 2–19912
- Heisenberg magnet, dynamic nucl.-spin correl. functions 2–15625
- Heisenberg magnet, dynamical susceptibility, magnon-magnon interaction effects 2–16391
- Heisenberg magnet, impure, thermodynamic props. 2–19914
- Heisenberg magnet, layered, Neel temp., cryst. field anisotropy effect 2–10231

Antiferromagnetism continued
- Heisenberg magnet, spin correl. functions in Callen decoupling approx. 2–36754
- Heisenberg model, spin wave impurity modes, temp. depend., Green function theory 2–19911
- Heisenberg one-dimensional model, second- order Green function theory 2–33165
- Hubbard model, mag. props. rel to sp. ht. 2–22701
- Hubbard model, one-dimens., thermodynamic props. 2–40537
- Hubbard model, one-dimens. half-filled-band, thermodynamic props. 2–22670
- Hubbard model, single hole propag. 2–36400
- Hubbard model, specific heat calc. 2–22700
- hydrodynamic description 2–10180
- Ising antiferromag., thermodynamic props., mag. tricritical pts. 2–19913
- Ising magnet, one-dimens., spin orderings 2–26010
- Ising magnet, smoothness postulate validity 2–6986
- Ising magnet, two-sublattice, phase transition 2–10234
- Ising model, three-dimensional with four-spin interaction, solution and critical behaviour 2–26014
- Ising spin systems, uniqueness of equilibrium state 2–26005
- Ising system, magnetostriction model, second order phase transition 2–6985
- itinerant electron model, spin wave vel. 2–6987
- layer-type magnets, weakly anisotropy, transition temps. rel. to anisotropy 2–22682
- linear chain, interacting magnons 2–22696
- linear chain description based on relaxation shape function of Heisenberg paramag. 2–29799
- linear chains, Fermi liquid theory, residual interaction and collective mode 2–40541
- localized spin wave spectrum, for antiferromagnet with two different impurities 2–40538
- low dimensional system, e.p.r. line broadening 2–20130
- magnetic moment fluctuations 2–33161
- magnetic ordering, coexistence region, Fishers relation 2–10233
- magnetoelastic coupling, dynamic, theory and applications 2–26045
- magnetoelastic wave, neutron, electromagnetic wave scattering near critical magnetic field 2–6988
- magnon sideband, temp. dependence 2–33163
- metamagnetic transition, cluster model 2–16390
- neutral Hubbard model, free energy by Bogoljubov's variational principle 2–29833
- n.m.r. properties, nonmetallic type 2–33346
- nondegenerate parametric system, excitation by biharmonic pumping field 2–16642
- one- and two-dimensional Hubbard model, nonexistence of magnetic ordering 2–10179
- ordered crystal, critical fluctuations near transition point 2–6956
- phase transition. field induced at low temp., Green's function method 2–33166
- phase transitions, itinerant, in exchange field 2–1642
- semimetal, dielectric constant, giant Zeeman effect 2–40540
- spin density wave, localized impurity influence 2–16388
- spin flip processes, rel. to metal-nonmetal transition 2–6708
- spin wave interaction with acoustic waves 2–32831
- spins, infinite order cumulant expansion 2–16389
- sublattice divisions, biquadratic exchange effects 2–36755
- surface spin wave, energy spectrum for isotropic antiferromagnet 2–40544
- susceptibility, asymptotic behaviour, high temp. series 2–37630
- two magnon Raman scattering, at finite temps. 2–16516
- two sublattice uniaxial model, field induced phase transitions 2–26056
- two-dimensional magnet, X-Y model, Neel temp. calcs. using Green's function method 2–36756
- two-magnon Raman scatt., review 2–36894
- two-magnon Raman scatt. 2–16509
- uniaxial magnet behaviour near sublattice collapse pt. 2–6984
- uniform chain, X-Y model, distortion into alternating antiferromag. 2–4401
- u.s. absorption near Neel point, theory 2–16027
- zero field susceptibility, high temp. series, three dimensional lattices 2–37631
- MnF_2, anisotropic, critical damping of uniform mode 2–26068

Antimony
- band struct., magnetorefl. obs. 2–32909
- crystal growth by zone melting, and dislocation etching 2–39589
- diffusion in Au obs. 620-1000°C 2–39729
- diffusion in Mg single cryst., diffusion constants, anisotropy, valence effect, activation energy 2–6515
- dopant in SnO_2, prep. of transparent conducting film 2–18943
- elastic consts., temp. depend. 2–6521
- electrical resistivity and Hall coeff. temp. variation above 4.2K 2–36446
- energy loss and straggling of 0.6 to 2.0 MeV protons, meas. by gamma resonance shift method 2–4088
- enthalpy of fusion determ. 2–28939
- Fermi surface, magnetoacoustic resonance, acoustic cyclotron resonance 2–32877
- film, crystn. kinetics 2–29038
- film, on W(100) face, struct. and work function 2–9281
- film, prod. by high vac. condensation on single cryst. substrate 2–39519
- films, application of Maxwell Garnett theory 2–3541
- foil, dislocation geometry, electron microscope obs. 2–19101
- impurity in Cu, spiral elongation test for annealability 2–3932
- ion implantation in Si single crystal, enhanced diffusion 2–29191
- Landau level width, and damping of Shubnikov de Haas oscills. 2–25755
- magnetic surface states, in tipped magnetic field 2–19518
- Mossbauer effect anisotropy in single crystals, 77 K 2–16440
- optical constants between 2 and 25 eV by energy loss meas. with fast electrons 2–40603
- optical Shubnikov-de Haas effect 2–22480
- positron annihilation radiation, angular correl. calc. 2–36433
- positron annihilation radiation, angular correl. meas. 2–36432
- thermal conductivity, liq. and solid states 2–36365
- thermal props. and i.r. absorbing power of thin layers 2–19448
- thin amorphous films, granular structure, optical properties 2–32376
- Bi/Sb films, two-layer, struct. 2–1176
- Bi/Sb films, two-layer, struct. 2–1175
- Bi-Sb alloy, change in ultrasonic velocity on melting 2–39421
- $Bi_{1-x}Sb_x$ solid solns., Ettingshausen effect 2–13336

Antimony continued
$CdIn_2S_4$(:Sb), Hall coeff., elec. cond., carrier mobility, temp. depends., 200-500K 2—22529
Ge:Sb, electronic effects on u.s. wave propagation 2—40054
Ge:Sb, hypersonic attenuation, temp. dependence, donor electronic relaxation 2—9877
Ge:Sb, γ-ray irrad., role of impurity in defect form 2—15777
Ge:Sb, neutron irrad., resistance and carrier lifetime 2—40285
PbTe:Sb p-n junction photovoltaic detector, prep. by ion implantation 2—40383
Sb/Ge/Sb contact, on Ge, injection and blocking props. 2—40296
Sb-Be neutron source production, meas. of neutron age in water by infinite plane detector method 2—28100
Sb_2, metastable molecule, vacuum u.v. absorption spectrum 2—18402
^{125}Sb, radioactive source preparation by electrodeposition on thin metallized plastic films 2—5673
Si:In, Sb ion implanted, enhanced migration in presence of Al film 2—19121
Si:Sb,O, implantation disorder, ionization and thermal dependence 2—25376
Si:Sb ion implanted, conc. profiles and enhanced diffusion 2—25439
SnO_2:Sb, resist., anomalous press. depend. 2—16213
Te:Sb, coupled plasmon-LO phonon modes, reflectivity obs. 2—32906
Te:Sb layers, doping and elec. props. 2—36046

Antimony compounds
trivalent, solid, structural chemistry 2—9343
As_2S_3-Sb_2S_3, cond., hopping mechanism 2—36493
$AuSb_2$, sp. ht. low temp. meas. 2—4065
Bi-Sb alloy, thermal cond., liq. and solid states 2—36365
Bi-Sb alloy, transport phenomena 2—3954
Bi-Sb alloy, transport properties 2—29660
Bi-Sb alloys, dispersion law of L-electrons 2—9931
Bi-Sb alloys, elec. props., press. influence 2—32968
$Bi_{95}Sb_5$:Te, Shubnikov-de Haas and band structure investigations 2—29683
$Bi_{1-x}Sb_x$ alloys, metal-semicond. transitions under press. 2—6810
$Bi_{1-x}Sb_x$ solid solns., Ettingshausen effect 2—13336
Bi_2Te_3-Sb_2Te_3-Sb_2Se_3 alloy, p-type semicond., thermoelec. props. 2—36605
$BrF_5.2SbF_5$, space group and lattice parameters 2—3699
Cu-Sb alloy, elastic moduli, phase and composition depend. 2—39759
Fe-Sb, dilute ferromag., isotope pair struct. anomalies, n.m.r. 2—20159
Ga-Sb-Se system, stratification region 2—35845
In-Ga-Sb, pseudobinary phase diagram, rel. to epitaxial growth of $In_xGa_{1-x}Sb$ 2—9836
Ir-Mn-Sb system, cryst. struct. and mag. props. of $Ir_{0.92}Mn_{1.16}Sb_{0.92}$ 2—33134
La-Sb alloy melt, e.m.f., thermodynamic props. 2—30073
Ni-Sb, dil. ferromag., isotope pairs hyperfine struct. anomalies, n.m.r. 2—20159
Pb-Cd-Sb alloy, tensile props. rel. to microstruct. and alloy comp. 2—19269
Pb-Sb eutectic alloy system, elastic moduli, u.s. wedge method obs. 2—39760
Pd-Sb system, distorted Cu-Zn struct. 2—29465
Pd_2MnSb Heusler alloy, giant hyperfine field at ^{121}Sb 2—33227
Sb-Bi alloy, cryst. growth by zone melting, and dislocation etching 2—39589
Sb-Bi alloys, interband transitions, i.r. magnetoreflectivity 2—16473
Sb-Bi alloys, Mossbauer effect, isomer shift and linewidth 2—16441
$(Sb\text{-}Bi)_2$ $(Te\text{-}Se)_3$ quaternary solid solutions, thermoelectric properties 2—13335
Sb-Cd, alloy, evaporation rate vs. temp. curve 2—28952
Sb-Cd(Sn)(In) melts, interdiffusion coeffs., conc. depend. 2—9121
Sb-Ge-Se glass, elec. cond., effect of low temp. annealing 2—36516
Sb-Zn, alloy, evaporation rate vs. temp. curve 2—28952
SbBr, electronic spectra, band system classification 2—28325
$SbCl_3$ complexes, temp. dependences of spin lattice relaxation of ^{121}Sb nuclei, n.q.r. study 2—19937
$SbCs_3$ layers, photoelec. quantum yield in electron camera 2—10161
SbF, effective vibrational temperature in A_2 system 2—3061
SbF, rotational analysis of C_2 system 2—824
SbH_3, partially deuterated and tritiated, harmonic wavenumbers and normal coords. calc. 2—18444
SbI_3 crystal, photoelectret state relaxation, space charge relocalization effect 2—6906
$SbNF_{11}$, N=P, As, Ta, Nb, chem. shift, spin coupling, mag. resonance obs. 2—5927
Sb_2O_3, Sb_2O_5, nonstoichiometric and controlled valence n-type semicond. 2—40226
Sb_2S_3-SbI_3-Ga, glass forming region detn. 2—39441
Sb_2S_3-SbI_3-In, glass forming region detn., optical and elec. props. obs. 2—39441
Sb_2S_3-SnS system, phase diagram, and intermediate cpd. props. 2—29496
Sb_2S_3, anisotropy effects on (010) axis, obs. using polarization microscopy 2—19965
Sb_2S_3, local levels in the forbidden band, photocond. obs. 2—40262
Sb_2S_3, molten, switching effect 2—12579
SbSI, acoustic second harmonic generation 2—6666
SbSI, density of states and refl. spectra 2—33059
SbSI, dielec. const. and relax., light intensity and temp. effects 2—33047
SbSI, ferroelec., critical phenomena, Rayleigh scatt. obs. 2—19769
SbSI, ferroelec., space charge limited current, influence on switching behaviour 2—29755
SbSI, ferroelec. crysts., u.s. wave damping near phase transition, freq. depend., temp. depend. 2—29535
SbSI, ferroelec. phase transition, long wavelength optical phonons, Raman spectra 2—16459
SbSI, ferroelectric and paraelectric states, internal field gradients 2—1567
SbSI, ferroelectric phase transition, soft mode coupling, critical Rayleigh scatt. 2—16012
SbSI, ferroelectric semiconductor, Curie temp., soft modes, Raman scatt. obs. 2—16564
SbSI, first-order ferroelectric phase transition, Raman spectroscopy of phonon instability 2—25924
SbSI, high gas press. cryst. growth, ferroelec. props. 2—25252
SbSI, injection currents and polarization charge accumulation 2—6822
SbSI, instability of ferroelec. polarization 2—29753
SbSI, photopolarization 2—33060
SbSI, piezoelectricity and electrostriction 2—19772

Antimony compounds continued
SbSI, polarization switching in two-phase coexistence region 2—10125
SbSI, soft phonon couplings in press.-induced phase transition 2—19385
SbSI crystal, dielec. dispersion 2—29754
$Sb_2S_3(Se_3)$, permittivity, 10 to 80 GHz 2—29743
Sb_2Se_3:Zn, In, liq., elec. cond., thermoelec. power, impurity effect, 950-1200 K 2—22001
Sb_2Se_3-Bi_2S_3, film, photoelec. props., sensitivity, s.p. resist. 2—36607
Sb_2Se_3-SnS system, phase diagram and intermediate cpd. props. 2—29497
Sb_2Se_3, liq., Hall effect 2—1108
Sb_2Se_3, vapour phase deposits, struct. 2—25206
Sb_xSe_y, Mossbauer effect, amorphous and crystalline phase obs. 2—13451
SbSeI, photopolarization 2—33060
SbSi, ionic displacement, Curie temp., spontaneous polarization, press. depend. 2—13310
SbSi crystal, adsorption of O_2, attachment levels, thermo-stimulated current 2—6805
Sb_2Te_3:I, elec. cond., effect of impurity content 2—19651
$Sb_2Te_{2.9}$-Sb_2S_3, constitution diagram, in Sb-Te-S system 2—1415
Sb_2Te_3-Sb_2S_3, constitution diagram, in Sb-Te-S system 2—1415
Sb_2Te_3-Sb_2Se_3 system, molten, thermal and elec. cond. 2—6227
Sb_2Te_3, cryst. growth, chemical transport method 2—29096
Sb_2Te_3, de Haas-van Alphen effect 2—32877
Sb_2Te_3, dislocation loops, electron microscope obs. 2—12771
Sb_2Te_3, thermal cond., hydrostatic press. influence 2—19436
Sn-Mn-Ir alloy, cryst. struct., mag. props. 2—22160
Sn-Sb-Cu alloy η phase segregation prevention, solidification depend. 2—3965
Sn-Sb alloy, elastic moduli, phase and composition depend. 2—39759
Sn-Sb dil. alloys, n.m.r. of ^{119}Sn, Knight shift anomalies 2—37014
Sn-Sb film, struct. and orientation, twinning 2—12668

Antineutrinos *see Neutrinos and antineutrinos*

Antineutrons *see Neutrons and antineutrons*

Antinucleons *see Nucleons and antinucleons*

Antiparticles *see corresponding particle*

Antiphase domains *see Alloys; Crystal structure/microstructure; Solids/structure*

Antiprotons *see Protons and antiprotons*

Antireflection coatings *see Films, solid/optical properties*

Apodization *see Optical images*

Apparatus *see Cosmic rays/apparatus; Instruments; Ionosphere measuring apparatus; Laboratory apparatus and technique; Radioactivity measurement/apparatus; Vacuum apparatus; X-ray crystallography/apparatus. Further entries describing apparatus for specific purposes are included under the headings of the appropriate subjects*

Appearance potential *see Ionization potential*

Architectural acoustics
see also Echo; Noise abatement; Reverberation; Transmission/acoustic waves
absorbing panels, edge effect 2—34184
absorption material, rockwool/foil/ perforated plate 2—34183
anechoic and reverberant rooms at the Building Research Station 2—11359
audiences on unupholstered seats, effect of clothed persons on amount of absorption in halls 2—2244
auditorium, directional meas. of early refls. 2—34179
auditorium, sound reflector design 2—34182
concert auditoria, subjective acoustic experience, results of questionnaire 2—17401
concert hall space obs. using computer model 2—34173
concert halls, space effect measurements 2—17403
concrete apartment house, sound reduction by wing wall 2—34170
digital computer applics. in research 2—23353
dimension ratios of rectangular rooms with good distribution of eigentones 2—17400
electroacoustic reproduction of perceived reverberation for quality judgements 2—20947
excitation mode depend. of sound field in room 2—34175
facades, sound insulation, general problems 2—2256
fibrous absorbents, sound propagation analysis 2—5229
field sound transmission test 2—20945
finite double partition with elastic bridges, resonant sound transmission loss 2—34165
floor coverings, resilient, impact sound characts. 2—34171
flooring materials, impact noise reduction 2—34166
floors, normalized impact sound level rel. to sound transmission loss 2—7759
free-field rooms, design and performance 2—34181
frequency dependence of complex elastic constants of building materials 2—17399
insulation and transmission of sound by indirect paths 2—34169
internal damping as sound propag. factor in building struct. 2—34168
John F. Kennedy Center for the Performing Arts, design problems 2—34155
loudspeaker performance eval. in rooms, selectivity of perception 2—34157
mean energy spectrum of speech, six languages spoken in chorus 2—20745
model reverberation room, diffusion and absorpt. of sound 2—34178
motion picture halls, acoustical finishing 2—34180
multiple reflections, perceptible limit of echo 2—34112
multipurpose hall, acoustical planning 2—34176
music auditorium, medium sized, acoustic design principles 2—37777
open plan spaces, diffr. limits on sound isolation 2—34167
optimal ratio of direct sound to reverberation energy for a musical test sequence in synthetic sound field 2—37778
orchestral studio, scale model and acoustic quality improvement 2—34159
physiological response to acoustical stimuli 2—34156
plate structs. of low mass, classif. 2—34163
porous fibrous absorbents, propag. characts. 2—34172
power emitted by small noise sources in reverberant rooms 2—37779
reduction index of wall between two rooms, boundary conditions influence 2—34160
reflection assessment rel. to direction 2—34158
reverberant room, average sound power radiated by discrete freq. sources 2—37781
reverberation times and sound distrib. in large rooms 2—34161
room acoustics, subjective evaluation 2—23389
room transmission response peak behaviour 2—34164

Architectural acoustics continued
- scale-model room, comparison with actual room 2—34177
- sonic boom responses and damage to buidling structures 2—34153
- sonic booms, building responses, flight trials of Concorde 2—34154
- sonic booms, effects of exposure on buildings 2—37466
- sound insulation of heavy wall, brick wall experiment 2—17402
- sound power level meas. in small rooms with special absorpt. props. 2—34162
- sound transmission through double leaf wall, low frequency approximation 2—27251
- steel pavilion at EXPO '70 Japan 2—34174
- stereophonic sound enhancement system with reverberation chamber, patent 2—20948
- behaviour of thin plates, measurement using capacitance transducer 2—37768
- vacuum sound barrier, normal incidence transmission loss, simple double panel 2—17404
- vegetation as screen, sound transmission rel. to leaf area density, leaf width, breadth and canopy 2—14280

Arcs, electric
- a.c., in air, glow discharges on extinction 2—35641
- a.c., use in atomic absorption analysis 2—40845
- inaccelerating axial flow, steady state characteristics 2—21893
- anode channel erosion, and resulting plasma contamination 2—9013
- arc constricted discharge, cold cathode Penning discharge 2—24932
- automatic welding control, characteristic perturbations, calculation of errors 2—1016
- axial column in forced convection, flow effects 2—9011
- blown, differential eqns. transformation 2—18717
- cascade, d.c., in N_2, electrical time constants obs. 2—18718
- cascade in plasma apparatus 2—9009
- cathode current density meas. 2—3273
- cathode for a continuous discharge under working- gas pressure 2—28677
- cathode layer, theory and anal. of phenomena on front model basis 2—24911
- cathode potential drop depend. on gas concentration, current density and electron component of current at cathode surface 2—3280
- cathode processes in pre-cathode region, theory 2—3279
- cathode region, model for current transfer based on continuous phase transition 2—24916
- cathode spot, ionization and recharging of ions 2—9012
- cathode spot characteristics, in vacuum 2—12483
- conductance decay calculations of cylindrical arcs in N_2, SF_6, Ar 2—24927
- confined arc plasmas, heat transfer distribution on variable cross sectional area 2—35502
- conical welding arcs, procedure for calculating parameters 2—18716
- constricted, influence of plasma nonequilibrium and radiation transfer 2—24925
- constricted dishcarge, cold cathode Penning discharge 2—24932
- consumable-electrode arc system, electrode voltage 2—9010
- contact breaking in air, characts. 2—39224
- cylindrical, channel model 2—24915
- in cylindrical diode with azimuthal mag. field 2—3276
- d.c., production of aerosol from surface of electrically conductive materials for spectrochemical analysis 2—10657
- d.c., temperature measurement, field absorption method 2—35553
- d.c., voltage stabilized, effect of torch geometry on h.f. component 2—35519
- d.c. plasma, rotational properties in unhomogenous magnetic field 2—24931
- Doppler and Stark shifts in spectra of arc heated flow from plasma jet, interferometric meas. 2—24765
- duoplasmon arc discharge, inhomogeneous axial magnetic field 2—24772
- dynamic pressure measurement at anode spot 2—3272
- dynamically stable positive resistance arcs 2—38137
- electrodelss, bluff body stabilized, stability criteria 2—39225
- elemental mixture, spatial distribution of atoms, upper electrode effects 2—39227
- extinction, sheath formation in vacuum switches 2—24884
- flashover voltages calculation, of sphere gaps, in atmospheric air 2—32138
- formation between electrodes immersed in low pressure plasma 2—24910
- formation in h.v. vacuum discharge Kerr-cell photographs 2—24918
- gas heater, coaxial, with arc spun by mag. field 2—12477
- gas vortex stabilised as pumping source for c.w. Nd:YAG laser, comparative study of Ar, Xe and Kr 2—27448
- generator, correlation of operational variables, atm. press. 2—12482
- graphite d.c. arc burning in mag. field, optical and electrical parameters, spectrochemical aspects 2—35638
- graphite electrodes, axial temp. distrib. 2—32142
- heat source, stable electrical discharges in flowing gases 2—24929
- heat transfer effect on motion in a transverse magnetic field 2—6124
- high pressure, axially blown in gas flow 2—24919
- hollow cathode, applications 2—28680
- impulse, plasma, spark expansion, cylindrical non-equilibrium thermal wave model for 2—15521
- impulsive discharge in high vacuum, prolonged ignition, electronic current density det. 2—3278
- inert gas cascade, applic. to vacuum u.v. spectroscopy of molecules 2—21593
- initial expansion in vacuum , effects of electrode material 2—35633
- laminar flow, in axial flow of gas, steady state characteristics 2—24921
- low current, on moving electrodes, behaviour in mag. field gas motion 2—21894
- low pressure positive column, distribution function of neutral atoms 2—18715
- low-pressure arc as source for molecular spectra 2—14485
- l.v., in Cs vapour at low pressure 2—12376
- l.v., influence of structure of pre-electrode layer on volt-ampere characteristics 2—32141
- l.v., obs. of concn. of excited atoms 2—9014
- magnetic annular, operating continuously at atmospheric pressure, characteristics 2—28674
- moving, high current, heat transfer mechanism near cathode 2—6123
- moving column, use of probes to determine cross sectional size 2—35634
- in nozzle flow, model, steady state solution 2—24920
- persistence of luminosity, measurements 2—24928
- plasma, d.c. mass transport, oscilloscopic registration method of obs. 2—24663
- plasma, low pressure, state in nonhomogeneous medium 2—24693
- plasma, modes of current existence in heterogeneous medium 2—24694
- plasma jet devices, mag. field and gas flow effects on anode root motion 2—32140
- plasma streaming measurements, drag force on probe 2—35637
- in Poiseulle steady flow, approximate formula 2—24924
- pulsed arc, pressure meas. from specimen displacement 2—37567
- radial, burning between concentric cylinders with axial mass inflow, numerical description 2—35518
- radial extent of arc current limited by axial magnetic field, scaling lasers 2—39226
- reacting gas mixture, composition det. in cell with temp. gradient 2—12478
- reflected discharge preceeding arc, coherent oscillation 2—3277
- reflex-arc plasma, turbulence, spectral characts. 2—12423
- refractive index distrib. det. by quantitative laser Schlieren technique 2—35636
- repetitive short duration, bridging between fixed electrodes 2—24872
- shock tube driver, high performance for simulation of Jupiter and Saturn atmospheric entry 2—20949
- spectrochemical analysis in arc source, calibration curve rules 2—4617
- spectroscopic light source, stability of arc between parallel electrodes 2—34561
- spots near electrodes, increasing accuracy of meas. by projecting grid onto electrode 2—39221
- stationary rotating plasma, hollow anode arc 2—24758
- steady motion in mag. fields, gas flow influence 2—3274
- stepwise excitation cross sections of alkali metals by electron impact 2—35600
- stepwise ionization cross sections and direct electron impact of alkali metals in arc discharges 2—35599
- temperature meas., using spectral method 2—30897
- thermal time constant determination 2—18714
- toroidal, theoretical investigation of behaviour 2—21895
- in transverse magnetic field, energy dissipation and momentum transport 2—24930
- turbulent steady flow, equations of motion and energy 2—24923
- two-dimensional stationary arc, cross-flow blowing 2—28675
- u.v. lamps, D-Ne, design and emission characteristics 2—31131
- vacuum, d.c., under artificial current zeroes, particle flux meas. 2—39222
- vacuum, interrupted, as tool for charge states assignment in ionic spectra 2—38799
- vacuum, origin of anomalously fast ions 2—24917
- vacuum, pressure dependence of wall ion current 2—35635
- vacuum, response to current transients 2—12480
- vacuum, role of microprotrusions in formation and burning 2—24912
- vacuum arcs as vapour sources 2—39223
- vapour density pulses meas. using ionisation gauge with current stabilisation circuit 2—18719
- wall stabilized, influence of gas flow on electrical properties 2—24922
- wall stabilized, thermal reignition prevention 2—24926
- wall stabilized arc in transverse magnetic field, coupled distrib. of viscous flow and temp. 2—24680
- wall-stabilized hydrogen arc, helical instability 2—21897
- A plasma, Boltzmann equilibrium between spectral energy levels 2—6061
- Ar-K salt vapour, breakdown voltage dependence on temp. and pressure 2—24894
- Ar, anode spot behaviour during retrograde motion 2—24935
- Ar, cascade type, anode heat flux 2—28679
- Ar, high-pressure, meas. of E(J) characteristics, radiated power and radial temp. distribution 2—3281
- Ar, high pressure, radiation transport mechanism, and transport properties 2—3275
- Ar, high pressure, radiation transport obs. 2—24934
- Ar, ion and neutral atom temps. and plasma rotation 2—24937
- Ar, low pressure, study of mag. pumping effect on retrograde motion of column 2—24933
- Ar, luminescent, containing water vapour, OH rotational temp. obs. 2—24936
- Ar, steady state, up to 1000 bar 2—24914
- Ar arc, introduction of Na, effect on spectral intensity 2—15523
- Ar cross-flow arc, transverse magnetic field effects 2—28678
- Ar low pressure arc, Ar II 4p configuration levels excitation mechanism 2—24354
- Ar plasma, effect of Cs seeding on cathode temp. 2—12373
- CO_2 axial flow interrupting medium, no C deposition up to 3kA 2—24938
- Co electrode, low-pressure, use as source for molecular spectra 2—14485
- Cu vacuum, effect of axial magnetic fields ⩽1 kG 2—24679
- Cu vapour in air, stabilized, kinetic and distribution temps. and electron density 2—24939
- Fe, temperature and electrical conductivity of plasma, radial distribution by optical investigation 2—1017
- Fe electrode, low-pressure, use as source for molecular spectra 2—14485
- H, radiation standard in vacuum u.v. 2—7639
- H plasma turbulent heating in linear discharge 2—24658
- H_2, stabilized, vac. u.v. photometric standard 2—17748
- H_2 plasma, radiative attachment and photodetachment of free electrons, cross sections 2—35586
- H_2 spectrum, thermocouple recording, vacuum u.v. excited, for absolute intensity meas. 2—14490
- He, effect of diffusion, resonance line absorption and collision excitation on line intensities and temp. 2—24940
- He, non local thermodynamic equilibrium 2—35640
- He arc jet, suprathermic fluctuations 2—35639
- He arc plasma jet, profiles of isolated He I lines 2—35184
- Hg, gas density pulse obs. 2—24941
- Hg, l.p., efflux of atoms from cathode spots 2—12479
- Hg, low pressure, efflux of atoms from cathode spot 2—24942
- Hg, low pressure, stability of strongly ionized positive column 2—24877
- Hg, modulated, as excitation sources in luminescence spectroscopy 2—2470
- Hg Hg-Na, Hg-SnI_2, a.c. lamps, modulated 2—38163
- Hg vapour-Ar discharge with oxide cathode, cathode fall properties 2—39228
- Li plasma source, principal characteristics 2—12419
- Mn spectral intensity increases due to presence of Na impurities 2—15524
- N_2, d.c. cascade, electrical time constants obs. 2—18718
- N_2, high pressure, in strong axial gas flow 2—24944
- N_2, radiative energy transport det. 2—24943
- N_2 cascade, radiative energy transport 2—24913
- N_2 plasma, effect of curvature on thermal and dynamic props 2—24692

Arcs, electric continued
Na vapour, high pressure, radial temp. distrib. det. 2—24945
Ne, fire ball mode, obs. of concn. of excited atoms 2—9014
Ne plasma, l.v., ionisation mechanism 2—12372
Ne positive column, time resolved meas. of electron distribution function 2—39096
Ni electrode, low-pressure, use as source for molecular spectra 2—14485
SF_6, constriction, negligible effect of negative ions 2—32139
SF_6 wall stabilized arc, universal characteristic curves 2—24946
Ti spectral intensity increases due to presence of Na impurities 2—15524
W thermionic cathode anomalously high emission in inert gas media 2—28676
W vacuum interrupting arc, transverse magnetic field 2—24947
Xe plasma produced in cascaded arc 2—21761

Area measurement
discrete photosensitive arrays, effect of random image perturbation 2—27019
specific surface area meas. of solid bodies by adsorption method 2—27021

Area measurement, porous substances *see Surface measurement*

Argon
absorption by porous ThO_2 2—35924
absorption in Cu thin film, at 10^{-6} torr, effect on electrical properties obs. 2—1485
adsorption, on stainless steel, isotherm meas. at 77 to 90K and 10^{-9} to 10^{-4} torr 2—32390
adsorption by metals, atom probe field ion microscope obs. 2—9427
adsorption by NiO, effect of chemisorbed species 2—35916
adsorption in zeolite Y, heat of adsorpt. 2—35927
adsorption on BPO_4, surface homogeneity obs. 2—22083
adsorption on graphite, physical 2—18957
adsorption on layer-like halides, first layer formation by 2D condensation 2—22087
adsorption on $MgSiO_3$, hydrothermal treatment depend. 2—3562
adsorption on prefrozen ethylene layers, heats, entropies and hysteresis 2—22088
adsorption on quartz crystal piezogravimetric method of obs. 2—25223
afterglow of pulsed low-pressure plasma capacitor in a magnetic field 2—39119
arc, cascade type, anode heat flux 2—28679
arc, high pressure, meas. of E(J) characteristics, radiated power and radial temp. distribution 2—3281
arc, high pressure, radiation transport mechanism and transport properties 2—3275
arc, high pressure, radiation transport obs. 2—24934
arc, introduction of Na, effect on spectral intensity 2—15523
arc, low pressure, study of mag. pumping effect on retrograde motion of column 2—24933
arc, luminescent, containing water vapour, OH rotational temp. obs. 2—24936
arc discharge, anode spot behaviour during retrograde motion 2—24935
arc discharge, ion and neutral atom temps. and plasma rotation 2—24937
arc discharges, steady state, up to 1000 bar 2—24914
arc plasma, Boltzmann equilibrium between spectral energy levels 2—6061
arc plasma electrical conductivity and optical reduction of ionization potential, correlation of peculiarities 2—39120
argon-methane liquid mixture, excess Gibbs energy 2—35753
atmospheric, neutron activation analysis for ^{37}Ar contamination 2—7319
atom, collision with H_2, anisotropy of total collision cross section 2—3146
atom, collision with He*, Penning ionization electron energy spectra 2—12055
atom, collision with K^+ ion, excitation section structure, applicability of three term model 2—38841
atom, collision with N_2, rotational inelasticity, comparison of generalized phase shift and classical trajectory calculations 2—8862
atom, collisional Penning ionization of Rb 2—11982
atom, collisions with He^+, He, analysis of ejected electrons 2—3003
atom, collisions with K^+, determination of repulsive potentials from total scattering cross sections 2—12010
atom, collisions with K^+, ion-atom potentials, derivation from intermediate and strong elec. field mobility data 2—2966
atom, collisions with $Ne(^3P_{2,0})$, two state semiclassical model for Penning and associative ionization 2—11974
atom, collisions with $Ne(^3P_{2,0})$, velocity dependence of ionization cross section 2—11966
atom, collisions with O^+ at 50 to 200 keV, natural widths of kinetic energy loss distributions 2—15239
atom, detection of $^3P_2$ metastable states, in gas phase, lifetime meas. e.p.r. study 2—15211
atom, electron impact excitation of $3s3p^6nl$ states, 24-29.5 eV 2—18325
atom, electron impact L-shell ionization calc., occurrence of delayed maxima 2—8467
atom, electron-impact excitation cross section, method for measurement 2—21526
atom, first excited state excitation by electron bombardment 2—24357
atom, hyperpolarizability calc. by Hartree-Fock method 2—11955
atom, interaction with positrons, semiphenomenological model 2—38832
atom, ionization by collisions with He^+ in range 250-4000 eV cross sect. meas. 2—11975
atom, ionization by ejection of outer shell s electron following electron impact, cross section for electrons up to 20 keV 2—5821
atom, ionization by low energy electron impact, triple differential cross sections 2—5813
atom, metastable $^3P_0$ and $^3P_2$ states, lower lifetime limits 2—21518
atom, multiconfiguration close coupling code calculation of autoionizing series 2—15212
atom, photoelectron ang. distrib., 0.23 eV above threshold 2—15233
atom, photoelectron ang. distrib., variation with energy obs. 2—38825
atom, photoionization cross section calc., effect of core polarizability 2—11973
atom, photosensitized ionization of molecules 2—8551
atom, scattering by O_2, quantum state dependence 2—3152
atom, single charge transfer collisions with H^{++}, observed selection rule for exit channels 2—24409
atom, structure obs. in total electron impact cross section using transmission spectroscopy 2—31689
atomic beam, applic. to plasma diagnostics 2—32032
atomic beams up to 20 eV, scatt. from (111) Ag surface 2—15657
atomic collisions with C, 80 and 90 keV, differences in inner shell vacancy production for gas versus solid targets 2—12003

Argon continued
atoms, collision processes, quantum undulations in differential cross section and intermolecular potential 2—870
atoms, collision with C^{2+}, N^{2+}, O^{2+}. meas. of diff. scattering with one electron capture, 0.7-3.0 keV interp. of curve crossing 2—672
atoms, collisions with K^+, excitation cross sect. meas. 2—18329
atoms, collisions with N_2, differential cross section, high resolution meas. 2—897
atoms, collisions with N_2, Kr, Ar, differential elastic scatt. cross section 2—898
atoms, collisions with N^+, Ne, Ne^+, Cl^+, Ar^+, Kr^+, excitation of inner and outer shells, inelastic energy losses and ionization 2—2965
atoms, collisions with P^+, Auger electron energy distribution for fixed impact parameters 2—693
atoms, elastic scatt. of 100, 90 and 80 eV electrons, differential cross sections 2—618
atoms, elastic scatt. of H^+, inversion problem 2—706
atoms, elastic scatt. of H^+, quantum undulations in differential cross section 2—707
atoms, electron impact at 1 to 10 keV, secondary electron energy and angular distribution 2—5814
atoms, large angle collisions with H^+, differential cross section meas. and interaction potential determination 2—710
atoms, low energy electron scatt., ang. distribution meas. 2—725
atoms, profiles of autoionization states studied in random phase approximation with exchange 2—11946
atoms, slow electron scatt., phase shift analysis 2—5820
atoms, slow electron scatt., phase shift analysis 2—628
breakdown, 10.6 μ radiation, dependence on beam size and pulse duration 2—6118
breakdown, Nd:glass laser induced, used in pulses or mode-locked trains of pulses 2—24895
capacitive discharge, breakdown phenomena 2—21887
Compton scattering using γ-rays, Compton profiles 2—35190
condensation coefficient, measured with quartz crystal microbalance 2—3445
conductance decay calculations of cylindrical arcs in N_2, SF_6, Ar 2—24927
critical opalescence, compressibility, small angle X-ray scatt. obs. 2—3429
cross-flow arc, transverse magnetic field effects 2—28678
crystal, O_2 doped confirmation of h.c.p. structure, growth, birefringence 2—18976
crystalline, elastic constants, three-body interactions and lattice sum 2—9857
deep sea basalt, U/He ages as indicators of excess Ar 2—33434
dense plasma, diffusion and recombination 2—35465
in diaphragmless electrothermal shock tube 2—20950
diffraction and scattering from WC surface 2—25174
diffusion in B_2O_3, desorption rates, diffusion coeffs., activation energies 2—3819
discharge, hollow cathode, with thermionic cathodes 2—12468
discharge, long induction, spectral and calorimetric meas. of radial temp. distribution and energy deposited respec. 2—28661
discharge, r.f. sputtering, Penning ionization 2—4087
discharge tube of ionic laser, pressure distribution of neutral atoms 2—2390
discharge u.h.f., in waveguide, model 2—24885
discharges at low pressure, noise temperature measurements at 1 to 40 torr in tubes 0.63 cm inner radius 2—12463
dissociation of HCl in Ar heat bath, Monte Carlo trajectory calculations 2—37029
electron collision cross sections for momentum transfer 2—31703
electron swarm, mean energy, cathode effects, computer simulation 2—35592
equation of state, modified Percus-Yevick equation 2—31889
flow, sorption, through hydroxyapatite compacted membrane, 77-303K 2—39554
flow in channel of high-frequency plasmatron, parameters 2—12363
fluid, high density, Superposition Assumption and the triplet correlation function 2—35718
fluid, neutron scattering, 5-80 MeV, studied over wide range of conditions including triple point and critical point 2—31892
gas, alpha particles $0.5 \leqslant E_\alpha \leqslant 2$ MeV, atomic stopping cross section determ. 2—21534
gas, calc. of absolute values of dc-induced second harmonic coefficients 2—24984
gas, chemically frozen flow, structure of nonequilibrium boundary layer along a flat plate 2—18697
gas, solution of Percus-Yevick equation using the Dymond- Alder potential 2—21912
gas, time-dependent study of VUV emission following excitation by 250 keV pulsed electron beam 2—28204
gas, viscosity meas. determ. of thermal conductivity and binary diffusion coeff. 2—35688
gas at moderate and high densities, two potential model for equations of state 2—39273
gas discharge, calc. of plasma properties using model atoms, ionization fraction 2—6114
gas discharge, radial density distrib. of neutral atoms, interferometric investigation 2—1007
gas mixtures, He-Ar, Ne-Ar, translational absorption spectra computed 2—5791
glass adsorbed water layer, Ar adsorpt., thermodynamic props. 2—35913
heat transfer and partially ionized gas flow in separation reattachment and redevelopment regions downstream of an abrupt circular channel expansion 2—39249
h.f. in source, photometric study of cross-over image 2—34847
high power gas laser, frequency stabilization by multiple feedback loop 2—27477
highly excited, double beam mass spectrometer study 2—11928
hollow cathode arc, configuration temps. rel. to transition probabilities of Ar II spectrum 2—39229
impulse discharges, emission studied in 1000-2000 Å region by photography 2—28667
induction plasma, press. and flow obs. 2—12374
inductive plasma, power and gas consumption, determ. from mag. field axial component 2—15522
intermolecular pair potential 2—18544
intermolecular potentials tested by calc. of pressure and total energy by molecular dynamics method 2—35375

Argon continued
- ion, scattering by semiconductor crystals, directional effects 2—36647
- ion beams, effects on change in electrical resistivity on bombardment with Ar^+ ions 2—22496
- ion cross section for excitation to and from metastable states in mass spectrometer 2—18271
- ion laser, transitions, Lorentz width obs. 2—15195
- ion laser, tube geometry effect on some properties 2—23581
- ion laser discharge, Tonks-Dattner resonances and det. of plasma electron density and temp. 2—39132
- ion laser transitions, spontaneous emission profiles, line profile anal. 2—24329
- ion scattering by Cu crystal, focusing mechanism 2—18922
- ionization, ahead of weak shock wave 2—3308
- ionization by impact of metastable Ne atoms, velocity dependence of total cross section 2—8462
- ionization level, velocity distribution function and large-scale balance of electrons 2—3251
- ionization processes in electric discharges spatial and temporal dependence of pre-breakdown ionization currents 2—35608
- ionization relaxation behind leading edge of reflected shock wave 2—39198
- ionized gas, corner expansion flow induced by normal shock wave, determ. recombination rate constant as function of temp. 2—3302
- ionized in mag. field, $4p^2D^0_{5/2}$ level excitation and de-excitation 2—15228
- ions, collisions with C, Al, Si, Fe, radiative transitions between quasimolecular levels 2—28215
- ions, hydrogen- and helium-like study of forbidden decay modes, determ. lifetimes of states 2—28226
- ions, photoionization cross sections for excited states, emission models for gaseous nebulae 2—20506
- ions, scatt. by Au 2—36384
- i.r. absorption of interstitial H and D atoms in solid 2—33264
- isotopic mixtures adsorbed on graphite surface, kinetic theory of surface and thermal diffusion 2—39549
- jet, high temp. coaxial, flowing into air wake, mixing 2—18720
- jets, freely expanding, perpendicular temp. and translational freezing studies by mol. beams 2—28686
- lamp, absolute measurements of emission in 1650-1900Å region 2—28667
- laser, continuous, gas compartment inside resonator, behaviour rel. to pressure 2—2391
- laser, continuous action in fluorescein dyes, triplet quenching 2—276
- laser, CW, dependence of population of Ar II levels on discharge tube diam. and magnetic field 2—27478
- laser, CW, energetic characteristics in axial and transverse mag. field, role of plasma processes 2—23606
- laser, influence of magnetic field on increase of saturation 2—34388
- laser, neutral, c.w., characteristics 2—7914
- laser, travelling wave, exptl. study of interaction 2—27453
- laser, Z-pinch, N_2 conc. influence and inversion ratio meas. 2—31032
- laser conversion to intracavity operation 2—38930
- laser multicolour, visible 2—21065
- lasers quantitative level population mechanism 2—265
- leak rate through thin polycarbonate films 2—3816
- light sources in the vac. u.v. spectral region with 0.1% Xe 2—14486
- liquid, eqn. of state, thermodynamic props. 2—12535
- liquid, far i.r. spectra of dissolved HCl 2—35252
- liquid, for i.r. absorption spectra of dilute solutions of He and Ne 2—9136
- liquid, force and velocity correlations from first principles 2—35721
- liquid, impurity atom motion, extended 1-dimens. harmonic lattice model 2—35720
- liquid, liq.-vap. density transition 2—15631
- liquid, low densities, triplet correlation by Monte Carlo method 2—21952
- liquid, low-density, accuracy of superposition assumption 2—21951
- liquid, mol. structure effects on free ion yields and reaction kinetics 2—22886
- liquid, numerical calculation of density autocorelation function 2—39327
- liquid, pseudo-Gruneisen parameter, 100-150K, 10-500 atm. 2—21978
- liquid, solubilities of hydrocarbons and CO_2 2—1080
- liquid, struct. factor, neutron diffr. determ., 84.5K 2—39332
- liquid, velocity autocorrel. function, freq. spectrum, diffusion coeff. 2—21953
- liquid, velocity autocorrelation memory function 2—35722
- liquid-vapour isotope fractionation from critical point to triple point, mean Laplacian of intermolecular potential 2—39432
- liquid/saturated vapour equilib., crit. constants effects 2—28950
- magnetoplasma, resonances in microwave emission 2—15484
- mean lives of levels of first two ionized states determ. by Hanle-effect meas. on aligned fast ions 2—11945
- melting, change of volume, rel. to metals 2—25140
- in meteorite, Assam, rel. abundance 2—1998
- monochromatic absorption coeff. at high temps. and pressures 2—39288
- multiply charged ions, by hot cathode source 2—34860
- pair potential, meas. by neutron diffraction at low density 2—9028
- photoionization cross-sections for all levels belonging to $1s^22s^22p^63s^23p^q$ configurations 2—24337
- photoionization of atoms, variation of angular distribution of ejected photoelectrons 2—607
- plasma, CO_2 laser produced, mag. field dependent breakdown 2—32053
- plasma, column, suppression of ionization waves using Takayama waves 2—32078
- plasma, constricted arc, thermochemical nonequilibrium 2—28501
- plasma, discharges, ion production probabilities 2—21876
- plasma, electrical conductivity det. in cascaded arcs, effect of deviations from LTE 2—28522
- plasma, electron energy distrib. function determ., sample and hold method 2—24770
- plasma, electron-ion recombination coeff. det. by probe method 2—24840
- plasma, emission line profile broadening, correction curve 2—8440
- plasma, flux transportation by mag. field, to 100 kOe, broadening 2—31948
- plasma, heating by fast magnetic compression 2—28546
- plasma, high pressure, as high radiance standard 2—24659
- plasma, hydrodynamic drag on a small sphere moving relative to the plasma in local thermodynamic equilib. theoretical and exptl. study 2—35468
- plasma, in coaxial accelerator, filamentary structure of shock driving current sheath, turbulence 2—35514
- plasma, induction, temp. profiles 2—3196

Argon continued
- plasma, light scattering and density inhomogeneity broadening of plasma satellites 2—3213
- plasma, non-equilibrium, production in mag. field 2—24786
- plasma, production by v.h.f. discharge, obs. of absorption lines 2—8961
- plasma, recomb. coeff. meas. 2—15471
- plasma, relaxation process and population inversion 2—976
- plasma, r.f. induction, departure from equilibrium, spectroscopic obs. 2—39107
- plasma, r.f. wave negative absorpt. near electron cyclotron harmonics 2—8936
- plasma, seeded with K vapour, D.C. conductivity meas. 2—31703
- plasma, shock heated, influence of wall boundary layer on flow 2—6073
- plasma, shock produced, electron density profiles, ioniz. relax. 2—24768
- plasma, shock produced, ioniz. 2—18606
- plasma, supersonic flow in transverse mag. field, discharge characteristics in induced electric field 2—12380
- plasma, thermal, l.f. induction 2—35462
- plasma, viscosity meas. 2—3228
- plasma afterglow, highly ionized, decay and electron density obs. 2—24676
- plasma arc, effect of Cs seeding on cathode temp. 2—12373
- plasma beam, optical spectroscopy obs. of ionic axial energy 2—35538
- plasma excitation and electron density meas. 2—15477
- plasma ion waves, suppression by r.f. electric field 2—32089
- plasma jet, interference obs. as excitation source 2—16704
- plasma jet, thermodynamic state calc. from dimensionless parameter 2—18590
- plasma jet from h.f. induction discharge, gas and electron temps. dependence on input power and flow rate 2—28503
- positive column, interference of l.f. waves 2—8997
- positive column, l.p., low current effect of local transverse mag. field 2—24875
- positive column, pressure dependence of neutral flow effusing from 2—24873
- positive column, pulsed, electron drift speed and multiplication obs. 2—8996
- positive column, time resolved obs. of constituents of neutral flow effusing from 2—24874
- positive corona breakdown, mechanism between coaxial cylindrical electrodes 2—24907
- pulsed corona discharge, cylindrical electrode geometry, light emission 2—32137
- pumping, modified ion pump, with cold cathode 2—33827
- pumping, using orbitron getter-ion pump 2—33826
- Schottky boundary condition in a wide plasma column 2—18707
- shock-heated, thermal ioniz. due to impurities 2—8992
- solar energetic-particle events, composition, enrichment of very heavy nuclei 2—11082
- solid, absorpt. and luminesc. of Li, Na, K and Cs atoms 2—24387
- solid, doped, induced far-i.r. phonon spectra 2—19353
- solid, effect of zero point anharmonicity on the vibrational properties 2—4032
- solid, extreme u.v. reflection spectra 2—19995
- solid, Hartree-Fock band struct. and optical gap 2—16104
- solid, influence of three-body dipole and quadrupole interactions on cohesive energy to third virial coefficients 2—22029
- solid, lattice dynamics, central force rigid at. model, phonon spectra, thermal props. 2—40040
- solid, phonon dispersion curves and damping, calc. 2—32827
- solid, shifts obs. in absorption spectra of trapped Ta atoms 2—36869
- solid, thermal and elastic props., low-temp. limit 2—32842
- solid, thermal eqn. of state, thermal expansion and stability calcs. 2—40082
- solid, thermal expansion above 1K 2—13050
- solid, u.s. propag., phonon dispersion and damping 2—19407
- solid, vacancy formation entropy calcs. from normal mode vib. freqs. 2—22191
- solid-liquid phase transformation, thermodynamic resolution, simulated molecular dynamic calc. 2—25137
- solubility in liquid Na, as function of temp. and press. 2—6213
- sorption in mordenite 2—22082
- spectra, isoelectronic wavelength calc. 2—24338
- spectral line, brightness meas., plasma parameters at plasmatron output 2—8993
- stable electrical discharges in flowing gases, high temp. heat source 2—24929
- supersonic flows in arc plasmatron, optical meas. of electronic parameters 2—39113
- supersonic molecular beam, crystal target, absolute intensity, vel. distrib. meas. 2—21585
- thermal expansivity data, rel. to thermal vacancies 2—16042
- thermal neutron capture, spectral anal., automatic peak extraction technique using additive correlation procedure 2—34824
- toroidal discharge, high voltage, early departure from free acceleration and turbulent heating of electrons 2—39209
- tunable CW dye laser, Brewster angle prism 2—21080
- vacuum gap breakdown probability, dependence on surface condition of electrodes 2—35627
- viscosity, new relative meas. in 25-700°C range, analysis of long term reproducibility of oscillating viscometer 2—32186
- viscosity and thermal cond., high temp. calc. 2—18770
- viscosity and thermal conductivity, 2×10^3 to 12×10^3 K and 10^{-4} to 1 atm. press. 2—12514
- vortex discharge as pumping source for c.w. Nd:YAG laser, comparative study with Xe and Kr 2—27448
- v.u.v. emission from high density spark discharge, spectral radiant intensity saturation and self reversal and effects by voltage increases 2—32135
- welding, automatic control, characteristic perturbations, calculation of errors 2—1016
- AXV, identifications in the extreme u.v. in a solar flare 2—26915
- Ar:Cs solid, optical absorpt. spectra, dynamical Jahn-Teller effect 2—10392
- Ar:$N_2(O_2)$, Raman scatt. by mol. impurities 2—26187
- Ar-Ar intermolecular potential determ. from crossed beam differential elastic scattering meas. 2—15422
- Ar-Ar scattering, cross sections in range 25 to 550 eV 2—12004
- Ar^+-Ar, charge transfer efficiencies, $^2P_{3/2}$ and $^2P_{1/2}$ states 2—18342
- Ar^+-Ar collision, correlation between no. of slow electrons ejected and energy of fast coincident electron 2—35130

Argon continued
Ar^+-Ar collision, fast electron- slow electron coincidence study 2—35131
Ar^+-Ar collisions, L-shell Auger electron emission, energy spectra 2—660
Ar-CO^+ vibrationally inelastic low energy scattering, determ. cross sections 2—12304
Ar-Cs discharge, electron distrib. function, kinetic coeffs. 2—15443
Ar-H^+ collisions, formation of excited H atoms 2—31716
Ar-H^+ differential elastic scattering, inversion problem 2—666
Ar-H_2 and Ar-D_2 systems, charge exchange, high pressure pulsed electron impact source 2—18338
Ar-H_2 system, intermol. pot. parameters, effective cross sections 2—15426
Ar-He, determ. of binary diffusion coeffs. as function of temp., pressure and conc. 2—9045
Ar-He mixture, vac. u.v. emission band spectrum 2—18401
Ar-He mixtures, shock wave velocity distribution functions, electron beam fluorescence obs. 2—24962
Ar-Hg, Ar-He gas mixtures, optical breakdown threshold 2—35626
Ar-K salt plasma, breakdown voltage dependence on temp. and pressure 2—24894
Ar-Ne antisymmetric system, orbital energy, internuclear separation curves determ. using ab initio HF molecular orbital method 2—28214
Ar-Ne mixture, thermal diffusion factor meas. 2—3333
Ar-O_2, shock-heated, thermal ioniz. due to impurities 2—8992
Ar-Xe solid solns., absorpt. spectra, 8-11 eV, exciton effects 2—20025
Ar,H_2, system, rotational relaxation time, Monte Carlo trajectory calc. 2—3040
Ar atoms, metastable, scattered by Ar, Kr and Xe, velocity dependence of total cross section determ. 2—2974
Ar gas, temp. dependence of positron annihilation rate determ. by solving Boltzmann diffusion equation 2—28229
Ar I and Au I lines, Doppler temperature differences, correction factors from gold hollow-cathode line widths 2—15218
Ar II, plasma shock waves, inversion of population state 2—28547
Ar II, transition probabilities and excitation temps. from study of spectral lines 2—21492
Ar II 4p configuration levels, excitation mechanism study using low pressure arc 2—24354
Ar II ion spectrum, excitation mechanisms 2—18300
Ar II laser, stable single frequency emission under line competition conditions 2—27493
Ar IX, extreme u.v., Hartree-Fock theoretical wavelengths, accuracy 2—24336
Ar IX, XI and XII spectra, overlap with satellites to Lyman alpha lines of C and B 2—15210
Ar ii, Larmor precession of excited states 2—11944
Ar VIII transitions between levels of principal quantum numbers 3, 4 and 5, identification and transition probabilities 2—31656
Ar XIII, carbon-like spectra in the range 16 to 22 Angstroms, previously unidentified lines 2—15220
Ar^+, channelling in Cu, critical angle determ. using charact. X-ray generation 2—29575
Ar^+, charge exchange collisions with N_2, CO, O_2, NO, rate coeff. meas. 2—5832
Ar^+, charge transfer reactions with N_2, O_2, CO and NO, obs. using ion injection drift tube 2—24838
Ar^+, collisions with Ar, excitation of inner and outer shells, inelastic energy losses and ionization 2—2965
Ar^+, collisions with CO, NO, O_2, charge transfer cross sections in thermal and suprathermal range 2—658
Ar^+, transition probabilities for f-d transitions 2—24347
Ar^+ ion, sputtering of KBr, mass spectrometry obs. 2—22447
Ar^+ ion beams, fast, obs. of Zeeman effect ion optical spectra 2—34357
Ar^+ scattered through angles <2° by Ar gas atoms, 3.5 to 90 keV, meas. of inelastic energy loss spectra 2—670
Ar_2, second virial coeffs. calc. using pair potential determ. from scattering and spectr. data 2—3027
Ar^{9+} cold cathode Penning source, low energy isotope separation of high charge states 2—34334
ArIII, ArV Nova Delphini 1967 nebula, forbidden transition increased stability or intensity in spectral range 5600 to 8800 Angstroms 2—13911
$^{16}Ar^+$ spectrum, lifetimes of 2^3S_1 and 2^3P_1 levels 2—18299
^{38}Ar-Ca, Apollo 15 rock 15555, cosmic-ray exposure ages 2—41182
$^{40}Ar/^{39}Ar$ age spectrum technique for rocks and minerals 2—16766
$^{40}Ar/^{39}Ar$ technique of K-Ar dating, comparison with conventional technique 2—7228
^{40}Ar-^{39}Ar, Apollo 15 rock 15555, gas retention age 2—41182
^{40}Ar-^{39}Ar, Apollo sample 15555 dating 2—41179
^{40}Ar II and III, Lande g factors for some excited levels, beam-foil quantum-beat technique 2—24310
^{41}Ar, system for reduction of release from research reactor facility 2—38715
$Ar+H^+ \rightarrow H(2p)+Ar^+$ differential scattering meas. 2—702
$Ar+H^+ \rightarrow H(2s)+He$ electron capture probability meas. 2—2990
Ar+Kr liquid mixtures, density and excess properties 2—15579
Ar*-Hg collisions, Penning ionization electron energy spectra 2—12055
$Ar_m^*+C_2H_2 \rightarrow ArC_2H_2^++e$, pulsed mass spectrometric study of associative ionization, cross section for excitation into triplet states of Ar meas. 2—15237
Ar^*+H_2, near resonant electronic energy transfer to H_2, fluorescence 2—28432
$Ar_m^*+NO \rightarrow ArNO^++e$, pulsed mass spectrometric study of associative ionization, cross section for excitation into triplet states of Ar meas. 2—15237
Ar.H_2O admixture, cylindrical hollow cathode discharge, mass spectrometric study of positive ions extracted from negative glow 2—39212
Cs-Ar positive column, electron temp. and radial density distrib. of Cs atoms 2—12464
H-Ar collisions, 10, 25, 35 keV, cross section for destruction of 3s state in H 2—38854
H-Ar collisions at 10 to 35 keV, excitation of n=3 states in H 2—38849
H-atom impact, 20 to 120 keV, Lyman-α radiation prod. 2—18311
He-Ar mixtures, thermal cond. 2—6156
$(He\text{-}Ar)^+$ system, coupling terms between energy curves computed for quasi diabatic states, ab initio calculations using LCAO-STO-MO-SCF approximation 2—669
Hg-Ar, afterglow, electron temp. and Hg(6^3P) density decay 2—32129
Hg-Ar discharge, low pressure a.c., supply freq. effects on positive column 2—21884
Hg-Ar discharge, spectral emission, influence of N_2 and CO impurities 2—2939

Argon continued
Hg-Ar discharges, effect of Ar on decay time of afterglow 2—32124
I^{4+} to I^{18+} cross sections for electron capture and loss in N_2 and Ar 2—35580
K^+-Ar, atomic collisions, rel. to transparency 2—11992
$K^++Ar \rightarrow K^{+*}+Ar$, collisions, threshold behaviour of excited cross section of KII resonance line 2—2951
Kr-Ar mixture, thermal diffusion factor meas. 2—3333
Na-Ar, liquid two phase flow invertical channel, void fraction and heat transfer coefficients 2—21932
$Ne^*(2p^53s^3P)+Ar$, ionization total cross sections calc. semiclassically in the energy range 0.001 to 1000 eV 2—28212
Ni:Ar implanted, hyperfine mag. field 2—10292
$Rb^++Ar \rightarrow K^{+*}+Ar$, collisions, threshold behaviour o excited cross section of RbII resonance line 2—2951
in SiO_2 glass, high pressure impregnation strengthening 2—12892
Argon compounds
$ArC_2H_2^+$ ions formed by associative ionization, pulsed mass spectrometric studies 2—15237
$ArNO^+$ ions formed by associative ionization, pulsed mass spectrometric studies 2—15237
ArO^+, potential energy surfaces for low lying electronic states, molecular orbital calcs. 2—15307
Aromatic compounds *see Organic compounds*
Arsenic
0.017-0.3K, determ. of nuclear quad. coupling const. 2—4419
adsorption on (111) surface, of evaporating As_4 molecules, residence lifetimes 2—25157
amorphous, reflector power and fund. absorpt. edge 2—29896
in amorphous system, Se, Se-Te, S, S-Te, glass transition 2—9225
α-As, cryst. growth from vapour phase 2—22104
atom, K-shell fluorescence yield meas. 2—38809
compressibility, linear, atomic positional parameter pressure depend., X-ray obs. 2—22268
crystal growth, from Th soln., travelling heater method 2—22107
diffusion in α-Fe, 800-1300°C, conc. depend. 2—12805
diffusion in Si, profile estimation 2—25447
Fermi surface under pressure, u.s. absorpt., giant quantum oscills. 2—1462
impurity in Cu, spiral elongation test for annealability 2—3932
ion implantation in GaAs, effect on elec. props. 2—25846
ion implantation into GaAs 2—6838
ion implanted Si, additional ion bombardment effects 2—25434
metal target preparation techniques, suitable for cyclotron irradiation 2—27835
nuclear quadrupole interaction, sp. ht. obs. 2—4419
plasma reson. freqs., i.r. reflectivity obs. 2—7063
positron annihilation radiation, angular correl. calc. 2—36433
sublimation, speed and spatial distrib. of evaporated mols., retarded vaporization 2—35842
thermal expansion, negative, role of elastic consts. 2—25688
water pollutant, nonflame atomic absorption analysis 2—22892
X-ray spectra, chem. shifts in K-absorpt. edge 2—40700
As II Zeeman effect in spectrograms from electrodeless discharge tubes, 24025 Gauss 2—15217
As_2, metastable molecule, vacuum u.v. absorption spectrum 2—18402
As_4 vapour at elevated temp. in-cavity laser Raman spectroscopy 2—24438
Ge:As, e.s.r. line narrowing over wide impurity conc. range 2—26279
Ge:As, heavily doped, cond. electron spin relax., e.s.r. obs. 2—20135
Ge:As, γ-ray irrad., role of impurity in defect form 2—15777
Ge:As ion implanted, elec. props. and doping profile 2—25859
Ge:P, As, single cryst. growth, uniform impurity distrib., growth rate program 2—1211
Si:As, lattice location, beam effects in He ion channelling 2—32550
Si:P,As, simultaneous diffusion, backscatt. He ion and radioactive analysis obs. 2—32551
inSi epitaxial layer, temp. depend. of doping conc. 2—25209
Arsenic compounds
arsenate single crystals, γ-irradiated ferroelectric and antiferroelectric e.s.r. of free radicals 2—10122
arseniates, γ-irrad., e.p.r. of radicals 2—10495
arsenides, struct. evolution 2—18968
arsenophosphides, struct. evolution 2—18968
sulphides, glassy, mag. susceptibility differentiation into diamag. and paramag. components 2—4340
As-Ge-Se, amorphous semiconductor, film, memory state optically induced reversible change 2—13256
As-Ge-Se glass, elec. cond., effect of low temp. annealing 2—36516
As-Ge-Te, glassy system, elec. cond. variation with temperature 2—4151
As-I system, interactions and vapour comp. 2—28934
As-S-Sn system, glass and cpd. formation, n.m.r. study 2—37003
As-S glass, hologram formation mechanism 2—23634
As-Se-Cu, glass, switching phenomena, elec. behaviour, rel. to Cu content 2—13227
As-Se amorphous layers, effective lifetime of charge carriers 2—29673
As_{20}-Te_{70}-Ge_{10}, amorphous semiconductor films, condition for memorization by laser light pulse 2—4188
As-Te-I glass, thermal, structural and elec. props., comp. depend. 2—22526
As-Te alloy, amorphous, photogeneration and high field effects on mobility 2—10032
As-Te glass, switching processes 2—29658
As-Te system, glass-forming ability vs. local order and covalency 2—39438
As, Se_3, vitreous, acousto-optical props., applic. to i.r. modulator 2—33214
$AsCl_3$-Ga-H_2 system, thermodynamics, dopant incorporation 2—3530
$AsCl_3$ complex, n.q.r., binding, geometric config., relax., internal motions 2—26314
AsF, emission spectrum, 7320-7400 Å, obs. of new $^1\Pi$ state, rotational constants 2—18403
AsF absorprtion spectrum analysed, 2 new singlet systems 2—773
AsH_2^-, photodetachment of electrons, electron affinity 2—35587
AsH_3, AsD_3, liquids As-p, As-d spin-spin coupling constants meas., spin-lattice relaxation times 2—35792
AsH_3, Coriolis resonance between ν_2 and ν_4 bands 2—31753
AsH_3, partially deuterated and tritiated, harmonic wavenumbers and normal coords. calc. 2—18444

Arsenic compounds continued
- AsNF$_{11}$, N=P, Sb, Ta, Nb, chem. shift, spin coupling, mag. resonance obs. 2–5927
- AsO, chemical excitation obs. in flame emission spectrum 2–38886
- As_4O_6 vapour at elevated temp. in-cavity laser Raman spectrocopy 2–24438
- As_2S_3-Sb_2S_3, cond., hopping mechanism 2–36493
- AsS, photopolarization and photoelectret state of crystalline and vitreous samples 2–40369
- As_2S_3, amorphous, optical props. i.r. region 2–16465
- As_2S_3, amorphous, reson. Raman scatt. 2–22782
- As_2S_3, glass and cryst., interband spectra, Kramers-Kronig analysis of interband refl. 2–22748
- As_2S_3, glassy, thermoabsorpt. spectra, forbidden band widths, at 300 K and 130 K 2–22758
- As_2S_3 films, amorphous, a.c. and d.c. cond. 2–10006
- As_2S_x glass system, microstructure, comp. depend. 2–18900
- $\alpha(\beta)$-As_4S_3, crystal struct., n.q.r. spectra, far i.r. spectra, point charge calcs. 2–10586
- $As_2S_3Ag_x$, glass, x<0.977, elec. props. transport mechanism 2–13217
- $As_2S_3(Se_3)$, amorphous, photodecomp. and optical densification 2–13589
- $As_{1-y}Sb_yMn_3N$, metallic perovskite, orthorhombic deformation 2–25618
- As_2Se_3-Cu_2Se system, phase diagram, ternary cpd. existence 2–29488
- $As_2(Se,Te)_3$, vitreous, semicond., elec. cond., Hall coeff., annealing effects 2–40243
- As_2Se_3, absorpt. and thermoabsorpt. near fund. edge, band struct. model 2–20026
- As_2Se_3, amorphous, band struct. and transport props. 2–19646
- As_2Se_3, amorphous, electrical props., in review 2–13215
- As_2Se_3, amorphous, field dependent drift mobility 2–16201
- As_2Se_3, amorphous, optical props. i.r. region 2–16465
- As_2Se_3, amorphous, thermopower, 120 to 200 C 2–16303
- As_2Se_3, amorphous thin film, optical consts. determ. from i.r. refl. spectra 2–33200
- As_2Se_3, glass and cryst., interband spectra, Kramers-Kronig analysis of interband refl. 2–22748
- As_2Se_3, glassy, thermoabsorpt. spectra, forbidden band widths, at 300 K and 130 K 2–22758
- As_2Se_3, vitreous, charge carrier mobility, cond., band struct., bistable switching action 2–4205
- As_2Se_3, vitreous, elec. cond. and Hall coeff., 180-225°C 2–22527
- As_2Se_3 film, glassy, optical props., absorpt. coeff., refr. index, electric field effects 2–19961
- As_2Se_3 glass, crystallization rate, control by impurity addition 2–28974
- AsSeI, vitreous semiconducting, prep. and obs. of thermal and optical props. 2–3456
- As_2Te_3-As_2Se_3 glass, elec. props. rel. to struct. 2–32967
- As_2Te_3, semicond., vaporization and sublimation 2–25156
- As_2Te_3 and $As_2Se_3.As_2Te_3$, glass-cryst. transition influence on local symmetry 2–1670
- Cd-Ge-As, ternary system, glass forming region, phase transition temps. 2–15636
- Cd_3As_2, semicond. cryst., thermoelec. power, thermal cond. coeffs., effective mass calc. from quantum oscills. 2–16226
- Cu_3As, prep. and props. 2–1409
- Ge-As solid solution, pseudodislocational interactions, dispersion strengthening 2–39697
- H_3AsO_4, oxidation, u.s. field effect 2–30067
- PbSe-$Ge_{1.5}As_{0.5}Se_3$, double glass transition, heat capacity obs. 2–18902
- Pd-As system, distorted CuZn struct. 2–29465
- Se-As glass, powder, sintering 2–19281
- Si-As-Te and Si-Ge-As-Te glasses, glass-forming region and DTA study 2–15637
- Sn-Bi-As system, constitution of Sn- and Bi-rich regions 2–22380
- Te-As-Ge-Si glass switching system, nature of ON-state 2–22577
- $Te_{48}As_{30}Ge_{10}Si_{12}$, glass, switching and memory effects 2–16214
- $Te_{0.81}Ge_{0.15}As_{0.04}$, memory state, superconducting props. 2–16168
- $Te_{81}Ge_{15}As_4$, glass, switching and memory effects 2–16214

Assistors *see Conductivity, electrical; Semiconducting devices*

Association
- aromatic compounds, vitreous solutions, role of molec. association in temp. induced increase of delayed fluorescence 2–36947
- benzoic acid, effect of dimer formation on emission spectrum, position of (n,π^+) triplet state 2–35310
- constant determ., least squares method, pilot study 2–12549
- dimethylamine in solution 22-190°C, i.r. study of association and NH stretching vibration modes 2–28368
- ion-atom three body reaction, resonance theory 2–22850
- radiative in atom-atom collision, discussed as an example of shape resonances caused by potential barriers 2–21531

gases
- second virial coeff. with regard to association phenomena 2–39271
- He, n=3 states, collision relaxation by associative ionization 2–15251

liquids
- *see also Colloids*
- tert- butyl alcohol in cyclohexane, u.r. relaxation and kinetics of association 2–6229
- acetic acid in CCl_4, effects on INDOR 2–25110
- alcohol solutions, i.r. spectra 2–18829
- alkali halide solns., mol. vel. of ultrasound 2–32258
- alkali metal binary mixtures, u.s. propag. abs. 2–28851
- aniline solutions, n.m.r. investigation of molec. association 2–22008
- butyl alcohols, self association study using dielectric constant measurements 2–21956
- Δ^3cylohexenecarboxylic acid, mol. association, proton mag. reson. obs. 2–28899
- n-decanol, self association study using dielectric constant measurements 2–21956
- dimethylformamide, dimethylnitrosamine in benzene solns., effects on INDOR 2–25110
- effect on proton-proton coupling consts. in various solvents 2–35793
- long chain alcohols, association factor rel. to dielec. properties 2–39388
- multispin system, effects on INDOR 2–25110
- n-octanol in heptane solns., obs. from microwave relaxation 2–6241
- quinoline solutions, n.m.r. investigation of molec. association 2–22008
- water in polyalkylmethacrylates 2–15794

Astatine
- atomic beam, prepared by wall reaction of $H^{217}At$ in Pt tube 2–38846

Astatine compounds
- No entries

Asteroids
- aerodynamics, planetary formation in solar system 2–41203
- capture by Jupiter, orbit predictions for outer seven jovian satellites 2–1993
- Ceres, Pallas, Juno, Laetitia, observations of positions (during 1968) 2–37370
- Ceres, position, meridian obs. for 1963-67 2–1989
- comets, decay to interplanetary boulders, nuclear core-mantle model 2–14002
- commensurability and librations of new minor planets 2–7537
- distribution analysis by computer simulation allowing for the gravitational effects of the Sun, Mars, Jupiter and Saturn 2–4980
- elements of orbits, precise determ. by simultaneous obs. of pairs of minor planets 2–41201
- Flora, almost spherical, photopolarimetric obs. 2–30586
- 76 Freia, motion obs. for calc. of mass of Jupiter1991 2–1991
- 1620 Geographos, observations from Crimean observatory37371 2–37371
- Hidalgo, characteristics 2–7537
- Hilda, Thule and Chicago, orbital motions as source of correction to Jovian mass 2–11006
- Icarus, rotation 2–7537
- impact on Mars as explanation of cratering 2–26846
- Juno, position, meridian obs. for 1963-67 2–1989
- minor planets, perturbation eqns. for all eccentricities 2–30585
- new discoveries and names 2–7537
- observations of minor planets made at Crimean observatory 2–37372
- orbits of first four, effect of planetary masses and determination of the mass of Ceres 2–11013
- Pallas, position, merdian obs. for 1963-67 2–1989
- phase curves, model for non-atmospheric bodies 2–20637
- photographic obs. (1970) catalogue 2–20683
- physical parameters, interrelations with comets, review 2–41202
- positions in 1969, reduction methods 2–30587
- streams, orbital dispersion, review 2–41213
- 1685 Toro, resonance captured quasisatellite of Earth 41204 2–41204
- trans Saturnian belt, possibility of existence 2–41205
- Vesta, psotion, meridian obs. for 1963-67 2–1989

Astigmatism *see Aberrations, optical*

Astronautics *see Space research*

Astronomical instruments
- *see also Radioastronomy; Telescopes/astronomical*
- advanced X-ray observations 2–41262
- aerial, dish, 25m, steerable, control and data handling system 2–2010
- all sky X-ray monitor for UK-5, using pin-hole camera 2–30649
- antenna with variable profile, reduction of parasitical signal of circular polarization using grating 2–11179
- Arecibo radio-radar telescope, improvements 2–30645
- birefringent element to separate mag. polarity 2–26873
- camera, electronic, for metallic discontinuities in u.v. spectrum of A stars, rocket exprt. 2–10888
- Cassegrain-echelle optics with image intensification for high resolution u.v. stellar spectroscopy, rocket payload 2–11163
- control system, real time, computer based 2–5031
- coude spectral line scanner 2–7581
- Culgoora radioheliograph for generation of diffraction patterns 2–5020
- data acquisition systems, computerized, Lowell observatory 2–5025
- diffraction limited image resolution from turbulence induced speckle 2–20713
- echelle grating for 74″ coude reflector telescope 2–7585
- echelle gratings, in sounding rockets, high resolution u.v. solar spectra 2–11060
- electronic imaging devices, principles and designs, review 2–17099
- electronic optical astronomy, philosophy and practice 2–30652
- electronic systems, conference (California August-September 1971) 2–41266
- electronography, efficiency of commercial electron-sensitive plates 2–7584
- Fabry-Perot interferometer, u.v. spectroscopic studies, orbiting astronomical telescopes 2–11171
- filter, birefringent, tuning and error sources 2–8022
- focusing collector using a parabolic mirror, for long wavelength X-ray astronomy 2–11184
- fully steerable decametric array at Clark Lake 2–20711
- gamma ray telescope, digitized spark chamber type, satellite borne 2–26811
- gamma ray telescope, digitized spark chamber type, satellite borne 2–33721
- gas proportional chamber for use in cosmic X-ray research 2–11186
- gravitational radiation antenna, photon-noise-limited laser transducer 2–2071
- imaging system for Martian Viking Mission 2–30567
- imaging system for Viking Orbiter Expedition to Mars 2–33739
- integrating two-dimensional Si diode array vidicon astronomical photometer 2–27605
- interference-polarizing filter for magnetic field studies, electrically controlled 2–27634
- interferometer array of mirrors for detection of extrasolar planets 2–37354
- interferometer scanning Fabry-Perot, optically contacted etalon 2–31093
- interferometric technique, high spatial resolution through turbulent atmosphere 2–20712
- Large Space Telescope instrumentation, observing programme 2–41265
- Lick Observatory image-dissector scanner for faint astronomical spectra 2–41270
- magnetic beam absorption devices for solar field obs. 2–11180
- magnetograms, analog video, in real time 2–11029
- magnetograph, digitized filter, optics and electronics 2–11178
- magnetograph, influence of miscentering spectral line on accuracy of complete field vector 2–11177
- magnetograph, separate obs. of displacement of right and left circularly polarized lines 2–11176
- magnetograph, solar, based on high resolution filter 2–11174
- Michelson interferometers on coarsely stabilized spacecraft for high resolution in range 1300-3300 Å 2–11187
- Michelson stellar interferometer, alignment technique 2–33627
- Michigan OSO III soft X-ray ion chamber, energy scale 2–37429

Astronomical instruments continued
microphotometer, transmission, area-scanning, photon noise limited for films or plates 2—7583
microwave radiometer for daily measurement of solar flux at 2800 MHz 2—30615
microwave solar burst spectrographic radiometer 2—26893
monochromator, nebular two-etalon, propane scanned photoelectric Fabry Perot 2—30647
Mount Kobau Observatory Site, conditions 2—37426
multichannel area photometry for stars of low apparent brightness 2—41269
multichannel radiometer for i.r. thermal mapping of Mars, proposed for Viking Mission 2—30565
multichannel solar spectrometer, electronic systems 2—41221
objective prism Schmidt camera, prismatic correction plate 2—20715
optical coating for Ly-α suppression 2—17719
paraboloid hyperboloid X-ray telescope, design characteristics 2—23139
particles experiment subsystem of Apollo 15 lunar subsatellite 2—30650
photoelectric scanning echelle spectrograph, nebula photometry 2—26937
photographic emulsions, relative detective quantum efficiency obs., used with new developer 2—5456
photographic refractor, for obs. of lunar position rel. to stellar background 2—41173
photographic refractor for lunar obs. 2—41172
photometer for stellar radial velocity meas. 2—7582
photometric systems obs. of consistency of calibrations 2—5021
polarimeter, scanning photoelectric, obs. of all four Stokes parameters of visible radiation of Sun, Moon, corona and planets 2—11175
quantum electronic, review 2—30401
radial velocity spectrometer, rapid scanning, construction and testing 2—37428
radio interferometer, joint Soviet-American project 2—7573
radio interferometer, Ku-band, of mapping discrete radio sources 2—5026
radiometers, portable detector for automatic gain stabilization 2—23394
SAS-D u.v. astronomical satellite, stellar spectra studies 2—41024
satellites, high sensitivity survey for X- and γ-ray surveys 2—10985
SEC Vidicon, calibration model for stellar photometry 2—41267
SEC vidicon camera for outer solar corona obs. from satellite 2—11188
seismometer for Viking Mission to Mars 2—30574
SHIRX X-ray spectrometer, differential energy spectrum of Sco XR-1 2—30530
signal processor for stellar interferometer 2—41271
soft X-rays, automatic stabilized detection system 2—11162
solar activity, 1969, meas. instruments 2—7560
solar instrumentation, review of equipment for optical observation 2—23140
solar instrumentation, vacuum telescope observations 2—23141
solar magnetograph, 40-channel for photospheric fields obs. 2—14019
solar spectrum analyzer, high time resolution, for 565-1000 MHz 2—26890
solar X-ray instrument for OSO-H, monitoring of solar flares 2—30609
space astronomy techniques, conf. Munich (1971) 2—11159
spectrograph, for cometary u.v. obs. 2—10911
spectroheliograph for u.v. 2—11062
spectrometer for Martian atmosphere water vapour detection and mapping during Viking Mission 30564 2—30564
stellar interferometer 2—7586
u.v. spectrophotometer, for obs. of bright early stars 2—10887
videomagnetograms, digital, in real time 2—7827
Wisconsin echelle spectrograph, automatic data handling by computer 2—38155
X-ray and γ-ray imaging with multiple pinhole cameras synthesis by extended source Fourier transform holography 2—33774
X-ray apodised zone plates for solar image formation, construction 2—11070
X-ray collimator, construction and testing 2—5030
X-ray observations, satellites and focusing X-ray telescopes 2—10979
X-ray observatory, satellite borne, UHURU, all sky survey 2—30648
X-ray optical system for surveying and locating cosmic X-ray sources 2—10984
X-ray spectrometer/monochromator rocket- borne system for mapping solar corona 2—11157
X-ray telescope with modulation collimator for solar flare obs. 2—11139
X-rays directional detection unit, 30- 200 keV, Galactic sources 2—10983
H-line interferometer, 21-cm absorption in discrete-source spectra 2—11190
NaI(Tl) γ-ray spectrometer, solar monitoring in OSO-7 spacecraft 2—30610
Si-target vidicon photometer, two- dimensional photometric images of planets and stars 2—41268
Si, solid-state control-detector, high energy solar X-rays 2—11071

Astronomical observations
see also Radioastronomy
astrographic catalogues, reduction procedures and errors using AKG2-AKG3 catalogue 2—37425
blockadjustment methods in photographic astrometry 2—37424
Carloforte Astronomical Station, 1970 annual report 2—26933
Cassiopeia, galactic structure, radial velocities for 358 stars and distances for 254 stars, objective prisms study 2—37254
compact galaxies, astrophysical statistics of 745 sources near the galactic North pole 2—13859
data reduction technique for intensity modulation method 2—30643
double stars, visual observations of position angle and distances of 168 objects 2—41122
Earth-Venus and Earth-Mercury radar data, astronomical constants 2—33748
electronic optical astronomy, philosophy and practice 2—30652
EUV and soft X-ray images on March 11th 1971 2—11064
extinction stars for use in UBV photometry 2—4855
four-colour photographic photometry, analysis of stellar distributions in high galactic latitudes 2—10820
galaxies with u.v. continuum, list of 99 objects including Seyfert galaxies and quasars 2—33599
grazing occultations over Canada in (1972) 2—37346
Herstmonceux astrolabe observations, analysis and discussion 2—1951
image tube photography in [S III] λ9532, for obs. of central core of diffuse nebulae 2—20505
interferometry, long baseline, at decametric wavelength 2—5022
interplanetary electron and proton density fluctuations, agreement between space-probe and radio scattering observations 2—14007

Astronomical observations continued
IRC+10216, i.r. object, dust shell diameter determination from lunar occultations 2—33637
long-baseline time-delay measurements of rapidly varying X-ray stars 2—33720
lunar occultations, prediction of series and periodicity 2—7372
Ly-α suppression, Rh optical coating suitability 2—17719
M82, radio and optical comparison of nuclear region 2—33605
magnetic field spectroheliograms 2—11034
Markarian galaxies, morphological study of thirty objects 2—33600
Mars surface features from Mariner photographs by analogy with aerial photography on earth 2—7528
Mars topography by radar (1971) 2—33745
Martian moons orbits, by optical sighting from spacecraft 2—16943
Mercury and Venus, imaging from a flyby 2—7524
meteor flux in circumterrestrial area, luminosity functions and distribution steepness 2—7539
minor planets, photographic obs. (1970) catalogue 2—20683
Montes Apenninus LAC 14, radar and i.r. response comparison 2—33732
N(S) relationship at 1400 MHz 2—13968
OAO Princeton expt., 80 cm diameter telescope with u.v. spectrometer 2—11164
occultation of β Scorpii C by the Galilean satellite Io, photoelectric and visual observations 2—13999
occultation of multiple star β Scorpii by Jupiter (May 13, 1971) 2—33736
Ohio radiosources, position det. 2—10932
OSO, real time control of observing program 2—11165
Pacific Astronomical Society conference 2—4763
parallax measurements with increased accuracy, Yerkes 40-inch refractor 2—5027
photographic, automatic drive for photographic plates 2—2006
photographic image sharpening, laser process 2—20714
photometry of galaxies with integrating television 2—7383
photometry of WY Sge nova remnant 2—20572
photomultiplier expts., high potential problems 2—11166
PKS 1514-24, lunar occultation measurements linking it with AP Lib 2—10958
planets, minor, orbital elements, radar obs. 2—2007
proper motions for objects in the Bright Star Catalogue 2—4811
proper motions of super metal rich stars in open cluster (NGC 188) 2—4889
pulsars, table of principal parameters 2—23087
Quadrantid meteor shower, radio echo obs. 2—33754
quasars, catalogue of optical data 2—4918
quasars statistical properties 2—13948
radiation-sources, measurement of angular position, optical-electron monopulse method, errors caused by atmospheric turbulence 2—23136
radio interferometer visibility scintillations due to interstellar and interplanetary refractive index variations 2—33707
radio source survey at 5 GHz, positions and flux densities, catalogue of faint sources 2—13957
radiosources, lunar occultation obs. 2—37331
radiosources, redshifts and fluxes 2—1968
red variable stars, new, in Camelopardalis 2—37304
scanner abundance studies, strong CN and evolved stars 2—33646
seeing and scintillation problems 2—7305
solar activity during the storm of 8 March 1970 2—7561
space motions of nearby K3 and M2 dwarfs, correlation with solar motion and apex 2—4812
space motions of nearby K3 and M2 dwarfs, correlation with solar motion and apex 2—4812
star positions and proper motions, those between declinations −70° and −90°, catalogue 2—20516
stars, spectral class determination using eight-colour intermediate band photometric system 2—37293
stellar occultations by Moon 2—1952
stellar photometry of early type stars in the region 1300 to 2000 angstroms 2—20544
stellar proper motions, derivation of precessional corrections, solar apex and galactic rotation by a maximum likelihood method 2—37253
stellar spectrogram digital reduction 2—13901
stop-watch timings of lunar occultations, audibility of 1000 Hz time signals 2—5024
sun, spectra-spectroheliograph technique 2—11057
sun, X-ray from Vela satellites 2—11066
techniques for future studies 2—41263
techniques for other planetary systems emplorations 2—41264
time and latitude obs. for Jan 1971, catalogue 2—11158
Tokyo PZT star list, mean places for supplementary stars 2—30440
two-dimensional photometric images of planets and stars using a Si-target vidicon photometer 2—41268
UBV photoelectric photometry of 500 southern stars 2—41092
u.v. photometry from OAO, interstellar extinction curves 2—10912
Venus, radar image with 75 km resolution of $^1/_4$ surface 2—33749

Astronomical spectra
see also Atmospheric spectra; Cosmic radiations, radio-frequency; Stars/spectra; Sun/spectra; and other individual astronomical bodies
absorption line redshifts 2—13932
BL LAC and five other variable quasars, polarization and colour variation 2—33702
VYC Ma, H_2O line emission 2—4807
Carina Nebula, OH optical depth map 2—26643
Cassiopeia A, Cygnus A and Taurus A radiosources, absolute spectra 2—37333
Cen A, X-ray emission spectrum 2—26803
Centaurus X-3, model for explanation 2—26798
Comet Bennett (1969 i), emission from nucleus 2—4981
comets, identification of molecules for detection purposes 2—26863
compact objects, optical classification 2—13860
computer processing of stellar spectrograms with a digital microphotometer 2—13901
cosmic ray electrons, quiet-time, energies between 10 and 200 MeV obs. on OGO 5 2—10798
cosmic X- and γ-ray background in energy range 1 keV-1 MeV 2—30410
coude spectral line scanner 2—7581
CS lines obs. in NGC 2264 Bok globule 2—30435
Cyg X-1 pulsating source, UHURU obs. 2—7496
Cygni X-2, obs. of λ4650 emission line 2—41162
Cygnus A radio clouds 2—33709

Astronomical spectra continued
emission line intensities from predictions of photoionization of gas clouds 2—10842
formaldehyde, detection of ^{18}O isotope at 4388 MHz 2—10916
formamide, interstellar, detection of 1_{11}-1_{10} transition at 1540 MHz in direction of Sgr A and B2 2—26761
galactic nuclei, luminous, classification 2—20490
galactic nuclei, luminous nature of those with broad emission lines 2—10823
galactic nuclei, study of the continua 2—13865
galaxies, compact 2—4802
galaxies, Markarian, emission line intensities and UBV magnitudes 2—4796
galaxies, Markarian's second list, low-dispersion spectra, redshifts, absolute magnitudes and space density 2—26624
galaxies, peculiar, spectral energy distributions of nuclei 2—13861
galaxies, SO and elliptical, blue condensations associated with 2—26626
galaxies near PKS 2251+11, redshift 2—13845
galaxies with u.v. continuum, list of 99 objects including Seyfert galaxies and quasars 2—33599
galaxy IC 450 nucleus, hydrogen lines variations 2—10835
H Lα flux, absence from galactic Coma cluster, gravitational binding 2—26632
HCN and HNC lines obs. in NGC 2264 Bok globule new notation for unknowns, HNC≡U90.7 2—30435
IC 418, H paschen and HeI emission 2—4803
IC 418, i.r., Paschen lines, reddening constants 2—1950
interstellar absorption lines of O and B stars 2—4870
interstellar extinction, graph of scattering for spherical particles of ice and graphite 2—7457
interstellar extinction curve, broadband structure 2—7464
interstellar lines, deduction of southern galactic structure 2—20484
interstellar masers, H_2O and OH, emission profiles 2—7460
interstellar reddening law 3450 to 5800 Å structure 2—26751
i.r., night sky background signals, 65 to 170 μ range 2—10971
i.r., sky background radiation, 100 and 280 μm bands 2—10970
i.r. emissivities of H_2 and HD for interstellar D abundance meas. 2—41141
i.r. sources with 1667 MHz OH emission, position meas. 2—10968
BL Lac, 21 cm, distance obs. 4860 2—4860
BL Lac, variable radiosource, photoelectric obs. 30488 2—30488
AP Lib, N-type galaxy, similarity to BL Lac 2—7385
M33 spiral galaxy, radio spectrum and brightness temp. distribution from obs. 318 and 606 MHz 2—37328
M82, irregular galaxy, Hi absorption 2—4801
Markarian 231, Seyfert galaxy, emission line spectra 2—37264
Markarian 6 galaxy, presence of second component of H_2 lines 2—26633
Markarian galaxies, morphological study of thirty objects 2—33600
Mars, Mariner 9 i.r. spectroscopy experiment 2—37359
Mars, microwave continuum brightness temperature 2—30556
Mercury, microwave continuum brightness temperature 2—30556
meteor, double station, 38421, terminal flare and wake 2—4984
meteor, incandescent, i.r. obs. (Japan 1968) 2—30597
methanol, rest frequency of 36 cm radio line from galactic centre 2—33596
molecular, probes of interstellar clouds 2—41144
nebulae, Balmer lines, effect of flue of relativistic electrons on relative intensity 2—30434
nebulae, diffuse, with unusual emission filaments, evidence for collisional excitation 2—10839
nebulae, gaseous, Balmer line intensities near series limit 2—4804
nebulae, photoionized, time dependence of emission line strengths 2—10840
nebulae HeI singlet spectrum, calc. of recombination coeffs. and intensity ratios 2—26644
NGC 2264, young cluster, obs. of CS, HCN, U89.2 and U90.7 lines 2—37313
NGC 3067 irregular galaxy, det. of mass, luminosity, absolute visual magnitude and interstellar gas component 2—33604
NGC 40 planetary nebula, line intensities 2—16961
NGC 4151, optical and i.r. curves 2—20491
NGC 4254, supernova spectrum type rel. to broad emission bands 2—41111
NGC 4594, giant Sa galaxy, synthesis in terms of stellar content, model 2—10827
NGC 7027, planetary nebula, recombination lines and continua of H^+, He^+ and He^{2+} 2—20501
NGC 7662, planetary nebulae, Bowen fluorescence 2—5109
non-stellar sources 2—10815
Nova Mensae 1970b, in Large Magellanic Cloud, mean radial velocity of emission lines 2—26714
OH $^2\Pi_{1/2}$ J=$^1/_2$ line at 4660 MHz, obs. in Sagittarius B2 2—10934
Ohio radiosources, optical variations in 11 sources with unusual spectra 2—10936
Ohio radiosources showing increasing flux density with increasing frequency 2—10932
OJ 287 radiosource, blue continuum 2—10938
optical line spectrum, radiative and collisional interactions, astrophysics 2—21500
optically thin gases, spectral line intensities and physical state parameters 2—35679
Orion A, H_2O line emission 2—4807
Orion B, 18 cm microwave, obs. of interstellar recombination lines 2—37323
PHL 5200, RS 23, physical properties of absorption envelopes 2—13933
PHL 957, qausi-stellar object, absorption line profiles 2—37325
PHL 957, QSO, absorption lines 2—20618
PHL 957, radio quiet quasar 2—10923
photon exit from spectral line formed in a scattering atmosphere, probability distribution 2—11451
planetary atmospheres, imhomogeneous, technique for calc. line profiles 2—20677
planetary nebula, Dumbell, NGC 6853, obs. at [NII] 6584Å 2—20502
planetary nebulae, Bowen fluorescence mechanism 2—5109
planetary nebulae, chemical composition, analysis of emission spectra and photometry 2—23065
planetary nebulae, continuum and line radiation from, i.r. 2—16962
planetary nebulae, He I triplet spectrum, theory, interpretation 2—10838
planetary nebulae, radio recombination line obs. of H85α line 2—23061
pulsars, average radio spectra 53-606 MHz 2—26789
QSO, at radio frequencies 2—13965

Astronomical spectra continued
QSO, high redshift, absorption lines, possibility of being Lα H lines 2—20612
quasar absorption spectra 2—13931
quasar PKS 0237-23, C/Si and Al/Si abundance ratios from absorption 2—4909
quasars, evolution of radio and optical luminosity 2—10927
quasars, origin of absorption lines 2—10924
quasistellar objects, emission lines 2—10922
radio, found in 8000 MHz survey 2—4935
radio galaxies, between 10 and 10000 MHz 2—13956
radio galaxies, time variations 2—13965
radiosources, distribution at centimetre wavelengths 2—13969
radiosources, extragalactic, spectral indices at 1.4 GHz 2—26794
radiosources, radio recombination line emission in four sources formerly considered supernova remnants 2—26778
radiosources, variability rel. to spectral type 2—41153
red shift, cosmological origin 2—33594
r.f. recombination lines for det. of temp. and electron density in cool interstellar medium 2—4901
SAS-D u.v. astronomical satellite, stellar spectra studies 2—41024
Sco X-1 source, optical emission, variable circular polarization, (June-July 1971) 2—17023
Seyfert galaxies NGC 1068, 3227, 4051 and 4151, radio obs. at 21 cm H line 2—13868
Seyfert galaxy NGC 1068, nonstellar continuum emission 2—33612
Seyfert NGC 4151 and NGC 5548, Balmer lines 2—13862
stellar classification schemes, calibration 2—4852
supernova type I, wavelength shifts of intensity minima 2—4878
synchrotron radiation from relativistically expanding source 2—33715
Uranus chemical composition obs. 2—30581
u.v. photometry from the Orbiting Astronomical Observatory, Venus, Mars, Jupiter and Saturn 2—20675
Venus, atmosphere, spectroscopic evidence for structure of visible clouds 2—23114
Venus, cloudy atmosphere, theory of formation of spectral lines 2—23117
Venus, radio and radar interpretation 2—30582
W3A, 18 cm microwave, obs. of interstellar recombination lines 2—37323
W49, H_2O line emission 2—4807
X-ogen lines obs. in NGC 2264 Bok globule new notation for unknowns, X-ogen≡U89.2 2—30435
X-ray sources, hard, variable, GX1+4, GX301-2, GX304-1 2—26801
X-ray sources near galactic centre, absorption at low energies 2—10974
IZw 18 and IIZw 40 dwarf blue galaxies, emission spectra 2—26625
BL LAC and other quasars, relation between the optical and centrimetric polarized emission 2—13935
Be I isoelectronic sequence, transition probabilities and excitation cross sections 2—28187
C II, C III and C IV, u.v. spectrometry on Mariner 9 for early-type stars 2—37300
CH and CH^+ radicals, interstellar, abundance obs., equivalent line widths 2—26749
CN, interstellar, search for emission line at 2.64 mm, null result 2—33697
CO_2, absorption features from the Martian south polar cap 2—14001
CO_2 absorption, Martian dust storm measurement 2—37364
Ca I interstellar line at λ4226 for four stars with strong Ca II K-lines 2—4900
Ca II, interstellar, K-line profiles in front of distant OB stars 2—37321
Ca interstellar feature in region of η Carinae 2—20605
Fe II, u.v. spectrometry on Mariner 9 for early-type stars 2—37300
Fe XIV/Fe X in NGC 4151, evidence for hot Seyfert winds 2—33607
H 21 cm absorption line for BL Lac, produced by local intervening cloud 2—13967
H I, u.v. spectrometry on Mariner 9 for early-type stars 2—37300
H_2O galactic emission sources associated with H II regions 2—4809
H_2O line emission regions in Orion A study by very long baseline interferometry 2—41154
He^+ triplet line intensity, 2 ^{3}S metastable level 2—31721
Mars, H_2O lines in the 8200 Å region and their application to high dispersion spectra 2—7525
N IV, u.v. spectrometry on Mariner 9 for early-type stars 2—37300
NH_3, detection of inversion radiation from non-metastable states, from galaxies, new sources 2—26639
NH_3 microwave emission form nonmetastable levels in W3-OH, W43, W51, DR 21-OH, Orion A and in direction of Sgr B2 2—10933
Na I interstellar, relative line strengths in e.u.v. use in abundance estimations 2—10913
Na lines, interstellar, formation in HI cloud or intercloud medium 2—4897
OH sources, obs. of excited lines near 4700 MHz 2—10915
SI, absorption in vac. u.v. 2—20691
Si III and Si IV, u.v. spectrometry on Mariner 9 for early-type stars 2—37300

Astronomical telescopes *see Radioastronomy; Telescopes/astronomical*

Astronomy and astrophysics
see also Cosmology; Infrared astronomy; Radioastronomy
American Astronomical Society, conference (Louisiana, April 1971) 2—20455
American Astronomical Society conference 2—4762
astronomically determined dates, and geometrical alignments, tutorial article 2—11236
atmosphere, isothermal, photon exit from spectral line 2—11451
compact objects, energy conversion by rotation of massive objects with magnetic fields 2—13941
compact objects, magnetoid instability in twisted magnetic fields and repeated explosions 2—13944
conference, American Astronomical Society 2—4761
conference (San Juan, December 1971) 2—26582
constants, precession, nutations, conference Heidelberg (Aug. 1970) 2—10807
developments in quasars, pulsars, OH radical, blackbody radiation, X-ray and i.r. astronomy 2—16949
dynamo problem in planetary and stellar magnetic fields 2—30402
extragalactic distance scale and luminosity of galaxy clusters 2—13833
geodynamics applications 2—7361
gravitation, field modification of classical theory 2—16948
gravitational n-body problem, numerical stability 2—20468
heavy leptons and associated neutrinos, possible existence and astrophysical consequences 2—2516
hyperonic matter of neutron stars studied using lowest order variational theory, equation of state determ. 2—18070

Astronomy and astrophysics continued
  irreversibility, compatibility of astronomical and statistical observations 2—4765
  kinematic turbulence in random function theory, growing modes eliminated by physical causality 2—37235
  lunar pictures, stereoscopic (1840-1864) 2—30534
  macroparticle in inherently central field, min. ang. momentum 2—5126
  macroparticle trajectories, field dynamical equil. 2—5127
  magnetic fields in astronomy, review 2—26584
  magnetohydrodynamic stability problems 2—26585
  magnetohydrodynamics of rotating fluids, new applications 2—24642
  matter in interaction with classical relativistic scalar field, nuclear repulsive core effect 2—33953
  and microphysics, unified approach to theory of matter 2—4768
  N-body problem, numerical methods of integration and exprts. 2—14149
  neutrino processes, consequences of the assumption of charged intermediate vector lasers 2—21239
  nonlinear condensations in self gravitating media, analysis 2—10786
  nonlinear condensations in self gravitating media 2—10785
  nuclear, elemental abundances and cosmic synthesis 2—13821
  objects and phenomena, frequency distribution according to age and lifetime 2—30400
  orbits, step size, numerical integration 2—37250
  Pacific Astronomical Society conference 2—4763
  parallax, geocentric and heliocentric, demonstration devices 2—37427
  plasma physics appl. to space research 2—7359
  polytropic and isothermal plane symmetric configurations 2—10784
  and quantum electronics, overlap of fields of interest, review 2—30401
  reduced proper motion diagrams, prediction of red degenerates 2—33623
  self-gravitating systems numerical exprts. comparison with Lynden-Bell's statistics 2—10806
  selfgravitating gas, dynamical approach in 1 dimens. 2—39272
  solar X-ray data normalization 2—37387
  space astronomy techniques, conf. Munich (1971) 2—11159
  stability of encounterless self-gravitating constant density system 2—10805
  stellar parallax simulation study, teaching demonstration 2—33848
  structure and evolution of supermassive rotating magnetic polytropes 2—13815
  superfluidity and superconductivity, review 2—13820
  turbulent velocity waves and kinematic dynamo activity in astrophysical objects 2—10792
  turning points which lead to cosmological fundamentals 2—7360
  universe, hypothesis of a diffuse background of gravitational radiation 2—33579
  weak magnetic field, fluctuation in infinite medium of homogeneous stationary turbulence 2—33571
  Weber's experiment, gravitational wave observation rel. to photon rest mass 2—26583
  $^{12}C+^{12}C$ astrophysical reaction rates determ. for number of possible optical potentials 2—24240
  $^{16}O(p,\alpha)^{13}N$ astrophysical importance of rate and cross section of reaction for nucleo-synthesis 2—24217
Atmosphere
  see also Air; Electromagnetic wave propagation/atmosphere; Ionosphere
  aerosol exchange, vertical, fine structure and control, between 700 and 3000 m 2—20317
  aerosol pollution, aureole brightness, obs. from space 2—7241
  aerosol size distribution det. from spectral attenuation meas. 2—4682
  anti-greenhouse effect rel. to Precambrian glaciation 2—4684
  blast wave propagation in inhomogeneous atm. 2—10739
  boundary layer, vertical two point longitudinal velocity fluctuation differences, standard deviation 2—26488
  boundary layers, surface and planetary finite difference schemes 2—7275
  clear atmosphere research using the Defford radar facility 2—40909
  continuous baroclinic models, stability, with planetary vorticity gradient 2—13687
  critical Stokes number at inertial fall-out 2—20303
  dynamic modelling for GARP, global modelling at Meteorological Office 2—40913
  dynamic modelling for GARP, global modelling at UK Universities 2—40914
  dynamic modelling of stratosphere and mesosphere 2—7243
  effect on satellite observations of earth 2—16796
  equilibrium layers, spectrum of epithermal neutrons, 1967-1969 2—14725
  global atmospheric research programme, GARP, and UK participation, discussion meeting (London, November 1971) 2—40910
  growth rate bounds on nongeostrophic f-plane with lateral walk, baroclinic instability problem 2—1852
  heat and radiation budget, Himalayas 2—16807
  heat and vapour transfer, turbulent, between water surface and atmosphere 2—7255
  IEEE Region 8 Convention, Lausanne, (1971) 2—7251
  ion densities, effect on daytime ionosphere F_1-region 2—23024
  i.r. emission, influence of aerosols, clouds and molecular absorption 2—1817
  i.r. radiation flux, dependence of spectral distrib. of CO_2 concentration 2—26498
  isothermal scattering and absorptive, proof of relation between reflectivity and emissivity 2—40965
  kinetic coding, by CO_2 laser radiation absorp. expts. on CO_2-N_2 mixtures 2—18757
  measuring techniques, remote and direct, conference 2—1774
  mesosphere, zone from obs. of 1.27μ band 2—33452
  mesosphere models, role of transport processes 2—7285
  mesosphere models and expts., conference, Frascati (July 1970) 2—7242
  momentum and heat flux obs., spatial variability of eddy fluxes in constant flux layer 2—20313
  monitoring equipment, electronic, conference, (Washington D.C., August 1971) 2—16723
  ocean boundary layers, nonstationary interaction 2—20290
  parameters, remote rel. to in situ obs. 2—1836
  phenomena causing v. small geomag. field variations, rel. to solar activity 2—20419
  phenomena related to solar activity 2—23130
  pollutant registering systems meas. data processing 2—4669
  pollution detection employing laser radar method 2—26481
  profile difference quotients conversion to true gradients in surface layer 2—10725
  properties above 30 km, high repetition rate laser radars for obs. 2—13667
  proton beam spreading by charge exchange, depend. on atmospheric structure 2—30291
  radar data processing system 2—7252
  radiation, hemispherical all-wave, comparison of Funk and Idso techniques 2—37151
  radiation content determ. 2—7249
  refractive index, mean monthly values, computation errors 2—13670
  remote sensing, electrooptical instrumentation 2—16799
  rotation with day-to-night density variation, satellite orbital inclination changes 2—33567
  short wave propagation, reception at magnetically conjugate point 2—13723
  small ion conductivity at 20km 2—13721
  solar radiation transfer in atmosphere-ocean system, multiple scattering calculation 2—33467
  space research, TV systems, design and applic. 2—26580
  stratosphere, 11 year solar modulation of cosmic ray intensity 2—14715
  stratosphere, 30 Km, intensity fluctuations of cosmic rays 2—14726
  stratosphere, cosmic radiation fluctuations of solar origin 2—26495
  stratospheric-ionospheric interaction during planetary wave movement in Jan 1967 2—33525
  total mass calculation, seasonal redistribution and centre of symmetry 2—1816
  tower rel. to tethered balloon obs. 2—1837
  troposphere, cyclone development 2—1858
  turbulence, optical wave propagation 2—22977
  turbulence, power spectral response of aircraft and effects of non-linear longitudinal aerodynamic characteristics 2—35678
  turbulent, mountain wave propagation 2—1851
  velocity structure, acoustic echo sounding obs., in boundary layer 2—1840
  Venus, radiowave refractive index, height dependence using results of direct measurements 2—41198
  Ba ion clouds, striation formation, growth from release at 194 km 2—13733
  H_2+O_3 reactions and dissociation 2—7270
  O_2, u.v. absorption cross section 2—7298
  O_3 u.v. absorption cross section 2—7298
 composition
  aerosol, optical thickness det. from polarization of scattered radiation 2—37159
  aerosol mesurement brightness of sky in sun's aureole 2—16818
  aerosol particles, variation of size distribution as function of relative humidity 2—13679
  aerosols, dry and natural, and sea salt, i.r. refractive index 2—37128
  aerosols, optical constants in 2.5 to 40 μm range 2—37136
  aerosols, optical extinction properties 2—37135
  aerosols, submicronic, distribution of natural radioactivity 2—13727
  aerosols, transfer of effects of high energy solar radiation to the biosphere 2—26508
  air pollution control, chemical engineering aspects 2—4666
  atmospheric, pollution, high resolution correlation spectroscopic study 2—11529
  bacterial aerosols, development of instruments for obs. 2—20318
  chemical analysis by laser-radar techniques 2—13681
  chemical state and vertical notions in summer season consistent with thermal state 2—7284
  cloud bands, effect of observed profile curvature, theory 2—13715
  condensation nuclei obs. above sea 2—37131
  contaminants diffusion over industrial areas 2—4668
  contaminating oxidants, sensitive automatic meter for continuous sampling 2—37130
  cosmic ray protons and He, balloon obs. over half solar cycle 2—17986
  D-region, positive ion 2—33536
  dust content near 70 km, model for formation of noctilucent clouds 2—7321
  electron density, recording of additional fluxes after magnetic disturbances 2—22983
  electrons, 100-1500 MeV, flux meas. in upper atmos. 2—16870
  gas particle conc. variation during variation of gas kinetic and electron temp. 2—22954
  geochemical mass balance 2—40886
  H in upper atmosphere det. from ionic composition, durnal and height variations 2—30310
  high latitude summer mesopause, detection of water cluster ions 2—16814
  ice nuclei, decomposing vegetation as source 2—30271
  ice nuclei in rim of North Pacific Ocean, concentration and nature 2—4667
  ionosphere, F1 region, ion composition from plasma line meas. 2—13788
  LIDAR, spatial distribution of gases by resonance absorption 2—16817
  lower stratosphere, methane concentration 2—37129
  lower thermosphere, minor neutral constituents transport and photochemistry 2—33450
  lower thermosphere, seasonal effects on distributions of minor neutral constituents 2—33451
  mesosphere, charge particles concentration and mobility meas. between 85 and 22 km in sounding rocket expt. 2—33453
  mesosphere, minor neutral constituents transport and photochemistry 2—33450
  mesosphere, seasonal effects on distributions of minor neutral constituents 2—33451
  metal ion chemistry, review of problems and laboratory data 2—4699
  metal ion chemistry, thermal energy binary, three-body reaction rate 2—37189
  meteoritic contamination by quadrantid shower 2—4986
  minor gas constituents, det. from sub mm. stratospheric emission spectrum 2—30293
  molecular pollutants, remote sensing by stimulated Raman emission 2—7263
  neutral, variation above 400 km during magnetic storms 2—16871
  neutral particle response to solar eclipse 1970, March 7, 30-125 km 2—33495
  neutrons, 1-10 MeV and 0.7-4.5 MeV gamma rays at equatorial latitudes 2—16812
  optical methods obs., review 2—7301
  ozone number densities det. 30 to 75 km by lunar rocket photometry 2—30272
  particle size meas. by laser extinction and optical array spectrometers 2—16834
  particles, electron microscope photographs 2—1839

- **Atmosphere** continued
  - **composition** continued
    - particles, radioactive, interpretation of time variations 2–13729
    - particulates, X-ray analysis 2–13684
    - peak to mean concentrated ratios and averaging times 2–7261
    - photochemical, model inc. molecular and eddy diffusion 2–4700
    - pollutant distrib. determ., vertical exchange coeff. 2–4670
    - pollutant gases, correlation spectroscopy applic. to remote sensing 2–16822
    - pollutant molecules, global survey by high speed interferometer 2–13683
    - pollutant problems 2–4661
    - pollutants, characteristics, dispersion, sources, sinks and reactions 2–30274
    - pollutants, concentrations meas. by molecular spectroscopy 2–13682
    - pollutants, direct determination using atomic absorption spectroscopy 2–13685
    - pollutants, nonflame atomic absorption techniques 2–22892
    - pollutants, remote detection, laser methods compared 2–1876
    - pollution, causes, effects and surveillance techniques, book 2–30273
    - pollution, effects of meteorological conditions 2–30275
    - pollution, physical and chemical processes 2–20304
    - pollution, rel. Raman cross section O_3, NO, N_2O, H_2, CH_4, and C_3H_8 2–35249
    - pollution detection, remote, laser techniques 2–37137
    - pollution detection, tunable, i.r. laser techniques 2–40923
    - pollution monitoring 2–13668
    - pollution obs., i.r. methods 2–16820
    - redistribution of minor constituent of upper atmosphere 2–30311
    - semiannual variations in neutral composition, O/O_2 and O/N_2 ratios 2–30309
    - spherical polydispersions, size distribution det. using light scattered data 2–7260
    - stratosphere, meridional ozone distrib., yearly process 2–7269
    - stratospheric aerosol, sulphate content 2–10720
    - thermosphere, electron heating rate and ion chemistry during 1970, March 7 solar eclipse 2–33522
    - thermosphere, lower, minor constituents meas. by rocket-borne mass spectrometer 2–40976
    - trace gas pollutants, applic. of second derivative spectrometry 2–16821
    - troposphere, vertical ozone profile 2–7267
    - upper, miniature Mattauch-Herzog mass spectrometer 2–566
    - urbanisation and atmospheric pollution, effects on monthly mean air temperature 2–40920
    - vapour and heat transfer, turbulent, between water surface and atmosphere 2–7255
    - water vapour meas. by Raman lidar 2–33454
    - ^{7}Be artificial production in thermonuclear explosions, abundance increases 2–30302
    - CO and N_2O abundance deduced from rotational line intensities 2–22958
    - CO_2, dependence of spectral distrib. of i.r. radiation fluxes on concentration 2–26498
    - CO_2 concentration in the upper troposphere and lower stratosphere 2–26486
    - CO_2 content near the ground, seasonal and diurnal variations 2–1841
    - CO_2 exchange between atmosphere and ocean in eastern South Atlantic 2–13640
    - ^{12}CO, ^{14}CO budget, production and destruction in stratosphere and troposphere 2–1845
    - Fe content, det. from Mossbauer spectra 2–1842
    - Fe^+, ionospheric, rel. to equatorial spread F 2–20416
    - H, diurnal variation in thermosphere 2–40922
    - H_2, photochemistry and escape efficiency 2–7272
    - HNO_3, radiation absorption 2–26501
    - HNO_3 rotational submillimetre emission lines in the stratosphere 2–7264
    - H_2O vapour dimens., spectroscopic effects 2–7274
    - $H_3O^+.(H_2O)_2$ and $H_3O^+.H_2O$ in equatorial D-region ionosphere, comparison of upleg ram with downleg wake 2–16908
    - HTO in troposphere, vertical profiles and transport 2–22981
    - MgO search 2–13732
    - N_2/water vapour, determination by Raman scattering 2–16816
    - N_2 relationship to solar activity and O/N_2 ratio, between 130 and 200 km 2–22982
    - NH_3 infrared spectra 2–37138
    - NO flux through mesopause, source of odd N_2 in mesosphere and upper stratosphere 2–16872
    - N_2O, in air above North Atlantic Ocean, rel. to sea water 2–10722
    - $NO^+.H_2O$ in equatorial D-region ionosphere, comparison of upleg ram with downleg wake 2–16908
    - Na abundance rel. to radio meteor rate 2–17040
    - Na layer, laser excitation 2–20314
    - O/N_2 ratio above 400 km during magnetic storm 2–16871
    - O_2-H_2 meridional model of mesosphere and lower thermosphere 2–7271
    - O_3-O_2-O syst, photochemistry, laboratory obs. 2–7273
    - O_2, isotopic composition and soluble fractionation 2–37133
    - O_3, ground level, simple measuring instrument 2–30276
    - O_3, spatial distribution, electronics for backscatter u.v. instrument, for obs. 2–16819
    - O_3, studies over Cologne 2–20316
    - O_3, tropospheric, gas phase destruction 2–22959
    - O_3, using Brewer-Mast probes 2–13680
    - O_3, vertical distribution near equator 2–10721
    - O_3 contours, rel. to geomagnetic L-shell configurations 2–4701
    - O_3 distribution, macrosynoptic situations in middle stratosphere 2–30268
    - O_3 profile, Fourier spectroscopy from Nimbus Meteorological satellite 2–22953
    - O_3 routine observations, comparison of Umkehr with i.r. method 2–30267
    - $O_2(^1\Delta_g)$ concentration in D-region ionosphere 2–33543
    - OH, rotational temp. in night airglow, temporal variations 2–30322
    - Oz meas. near sunrise 2–7265
    - ^{210}Po in troposphere, origin from ^{210}Pb in atmosphere 2–37134
    - SO_2 in atmosphere and its effect on corrosion 2–7266
  - **humidity**
    - *see also Humidity*
    - acoustic radar design and operation for measurement 2–20312
    - aerosols, optical extinction properties 2–37135
    - atmospheric window 8-13 μm, relation between diffuse extinction and humidity 2–33448
    - cumulonimbus convection, numerical simulation 2–7280
    - day-time records of microstructure near the ground 2–40921
    - direct obs., merits and limitations of sensors 2–1843

- **Atmosphere** continued
  - **humidity** continued
    - distribution, obs. for numerical model for quantitative precipitation forecasting 2–37148
    - effect on a.c. and d.c. breakdown voltage 2–32134
    - evaporation, effect of wind direction and speed 2–1854
    - field, statistical methods in obs. of structure 2–1827
    - field in potential thunderstorm condits. diagnosis using multilevel model and mesoscale upper air network 2–13673
    - fields, prediction problems 2–13678
    - haze scattering in tropics, wavelength exponent by photoelectric photometers 2–37205
    - interaction between ocean and atmosphere, fog and cloud formation 2–30288
    - Kolmogoroff constants det. from second- and third-order structure functions in wind over ocean 2–7288
    - lidar meas. method 2–7268
    - microwave applications to indirect sensing 2–16810
    - monitor, sorption type, lag obs. 2–20315
    - natural aerosol particle size dependence on relative air humidity 2–33463
    - profile, Fourier spectroscopy from Nimbus Meteorological satellite 2–22953
    - profiles from acoustic echo sounding 2–7259
    - psychrometer, heated air adiabatic saturation, construction and testing 2–30270
    - psychrometric apparatus for Bowen ratio det. over forests 2–22956
    - resistance sensor transducer 2–13686
    - above seawater, oceanographic survey 2–37131
    - techniques for measurement, review 2–1844
    - telemetry systems for obs. rel. to pressure as function of altitude 2–20317
    - turbulent fluxes of moisture at ground in baroclinic planetary boundary layer, parametrization 2–37123
    - vapour pressure obs. using fine thermocouples 2–20309
    - vertically integrated liquid water content obs. indicator of explosive development in severe storms 2–13707
    - over water, comparison of spectra obtained with refractometer and Ly-α humidiometer 2–22955
    - water vapour, pole-to-pole eddy transport during IGY 2–20328
    - water vapour, vertical exchange coeff., numerical det. 2–16815
    - water vapour content, total, from obs. of solar radiation absorption 2–16813
    - water vapour meas. by Raman lidar 2–33454
  - **ionization** *see Atmospheric electricity; Ionization, atmosphere; Ionosphere*
  - **movements**
    - *see also Wind*
    - acoustic-gravity waves, nonlinear propagation 2–13730
    - acoustic-gravity waves excitation 2–4674
    - ageostrophic wind determ. from satellite data for cloudiness 2–7276
    - air-sea interaction and the boundary layer, turbulent exchange processes 2–40930
    - atmospheric waves in planetary boundary layer using acoustic sounder and microbarograph array 2–40924
    - auroral F-layer, field aligned irregularities, backscatter soundings 2–30360
    - balance equations, modification with orographic effects 2–20320
    - balanced systems of equations 2–26487
    - baroclinic waves, study using three-level streak photography 2–39076
    - barotropic shear flow, stability to nongeostrophic disturbances 2–16826
    - in boundary layer above oceans, hydrostatic stability conditions 2–13635
    - circulation during last ice age from surface temp. obs. 2–22960
    - circulation models 2–4678
    - clear air turbulence, aircraft obs. 2–40932
    - clear air turbulence, aviation and atmospheric science, meas. program 2–4673
    - clear air turbulence, theoretical study of generation 2–37139
    - clear air turbulence and stratospheric airflow, over and downwind of mountain regions 2–40934
    - clouds, cumulus, vertical movements, structure, statistical properties 2–20341
    - convective storms, Doppler radar identification by plan shear indicator 2–13704
    - cumulonimbus convection, numerical simulation 2–7280
    - current velocities, turbulence parameters and wind, vertical profiles, boundary layer stratification 2–30277
    - cyclone extratropical, development 2–1858
    - diffusion at nuclear power station sites in India, meteorological parameters 2–20321
    - E- and E_s-layers, horizontal drifts 2–23021
    - E-region, horizontal drift, obs. 2–30355
    - Earth motion caused by local atmospheric pressure changes 2–37080
    - eddy diffusion coeffs. from atmospheric electrical meas. 2–1847
    - Ekman boundary layer flow, stability 2–4676
    - Ekman boundary layer interactions in numerical model of general circulation 2–40929
    - Ekman boundary layer stress due to flow over hills 2–10724
    - Ekman layer, eqns. of motion for stationary flow 2–4675
    - e.l.f. range, SEA phenomena, obs. 2–22978
    - energy transfer from summer to winter pole, large-scale motion in mesosphere and upper stratosphere 2–26516
    - equivalent potential temperature during severe weather situation 2–13691
    - extreme mechanical turbulence, obs. during low level aircraft flights 2–40935
    - F-region horizontal neutral winds, from incoherent scatter observations 2–23033
    - flow, large scale, nonlinear interaction of potential and kinetic energy, enstrophy and potential enstrophy 2–16824
    - flow around the island of Madeira, satellite observations 2–20319
    - flow characteristics and turbulence, transformation due to change of surface roughness 2–13694
    - flow over mountains, effect of ground topography 2–22957
    - flow over mountains, steady solution to two-dimensional nonlinear nonstationary problem 2–33456
    - flows of barotropic planetary boundary layers, Rossby similarity 2–33455
    - free convection, turbulence and eddy diffusion, heat flux 2–13676
    - global air-press. fluctuations and Southern-hemisphere West-drift 2–7283
    - global circulation in IGY 1957-58, influence on earth rot. 2–7282
    - gravity wave interaction with larger-scale motions, mass and momentum transfer 2–1806

Atmosphere continued
  movements continued
    gravity waves, long internal, generation in waveguides, by rising buoyant air masses 2—37141
    gravity waves induced by a solar eclipse 2—13734
    Greenland ice cap, vertical variation of wind spirals through friction layer 2—37147
    horizontal, within thunderstorm, single Doppler radar obs. 2—13712
    horizontal and vertical fields in potential thunderstorm condits. diagnosis using multilevel model and mesoscale upper air network 2—13673
    horizontal turbulence in off-shore zone, peculiarities 2—33439
    ice nuclei transport over North Pacific Ocean 2—1867
    internal and acoustic gravity waves, effects of moisture on propagation 2—33449
    internal gravity waves, behaviour near critical levels 2—10726
    ion currents of H^+, He^+ and O^+ in exosphere 2—26522
    ionospheric f_0F_2, global study of disturbance effects and possible mechanisms 2—30361
    Lake Victoria, local atmospheric nocturnal circulation, simple model 2—40926
    large-scale vertical motion with upper-air network, kinematic estimates 2—40928
    lee waves, obs. using high power radar 2—20326
    longitudinal currents in magnetosphere, along geomagnetic lines of force, formation from ionospheric currents 2—22990
    lower thermosphere, vertical neutral gas motions and deviations from barometric law 2—30312
    macroturbulence and mean winds from radar observations of meteor trails 2—33497
    macroturbulent exchange coefficient in different parts of atmospheric motion spectrum, calculation method 2—33457
    mass transport, average, in low stratosphere, stratospheric-tropospheric mass exchange 2—7277
    mesopause, annular fluctuations in large-scale circulation 2—7322
    mesoscale vertical motions, radar method of obs. 2—20325
    mesosphere, seasonal and latitudinal variations 2—7258
    mesosphere and lower thermosphere, thermal tides laser radar observations 2—22986
    meteor radar obs. of wind 100 km over Heiss Island 2—26519
    meteor wind obs. of upper atmos., 35 and 72 hr periodicity 2—26517
    monsoon field vertical velocity and structure of circulation 2—1860
    mountain regions and convective areas, minimum size 2—20305
    mountain station wind measurements, vertical gradients 2—30281
    neutral wind, influence on NO^+ and $O_2{}^+$ densities in lower nighttime ionosphere 2—23008
    ocean temperature response on atmospheric perturbations, statistical analysis 2—33440
    partially trapped waves, models 2—40941
    planetary boundary layer flow, a mixing-length hypothesis 2—20301
    planetary boundary-layer equations, iterative method of solution 2—20302
    planetary scale waves, rel. to ionospheric absorption fluctuations 2—13763
    planetary waves, interactions with zonal flow, energy transfers 2—1886
    plasma motion in magnetosphere, in electric field produced by geomagnetic disturbance 2—13735
    pole-to-pole eddy transport of water vapour during IGY 2—20328
    Prandtl layer, turbulence spectra 2—4681
    radar continuous wind meas. over France 2—30279
    radar detection of meteor trails, effect of antenna radiation pattern and wind velocity 2—22964
    remote sensing techniques 2—33446
    semi diurnal tide, 100-130 km. up, from incoherent scatt. obs. 2—26520
    semidiurnal gravitational tides, vertical structure 2—37145
    severe local storms, detection, prediction, economics and structure, conference (Boston, USA, 1971) 2—13695
    severe storm identification with quantitative echo intensity data 2—13692
    severe storm prediction by screening regression using forecast predictors 2—13701
    severe thunderstorms and tornadoes forecasting, screening regression techniques 2—13702
    severe weather forecasting, use of computers, SWEAT index 2—13696
    shear induced clear air turbulence, radar, aircraft and meteorological obs. 2—40939
    shock wave propagation due to Tunguska meteorite, rel. to atmos. inhomogeneity 2—30269
    shock waves, generation and detection 2—13689
    small scale wind shears, effects on radio meteor trails 2—30596
    Southern Hemisphere, half-yearly variation of circumpolar surface drift 2—26492
    spatial circulation forms, Scale parameters significance 2—7279
    spectra of thermally stratified turbulent flow with no shear 2—24963
    stationary drift flow, atmosphere-ocean interface, Ekman theory 2—4677
    stratified flows, maintenance of turbulence in stratified atmosphere 2—40925
    stratospheric circulation, correlation with critical F_2-layer frequencies 2—33548
    strong turbulent pycnoclines, approximate model 2—30238
    subsonic disturbances related to thunderstorms and severe weather 2—37124
    thermosphere, annual fluctuations in large-scale circulation 2—7322
    thermospheric solar tides 2—10742
    thermospheric wind circulation, excited by magnetic storms 2—30373
    thermospheric winds, from O_2 and methane release expts. 2—16867
    thunderstorm prediction using instability energy index in combination with standard significators 2—13699
    thunderstorms, lee slope study, forecasting along front range of Rocky Mountains 2—13700
    tides and gravity waves, internal, transport properties 2—7323
    tornado forecasting, statistics of surface conditions after meso low of thunderstorm 2—13698
    tornado vortex, nonstationary model 2—20333
    tornado-producing thunderstorms, prediction by aerial photography 2—13703
    tornadoes, prediction from h.f. radio noise from thunderstorms 2—13705
    transport processes, slantwise convection, mesospheric models 2—7285
    tropical cyclone behaviour, cloud seeding and variations of sea surface temperature 2—37146
    tropical hurricane, development and decay under different thermal conditions 2—20332
    tropospheric velocity meas. by radio links and pulsed radar 2—7289

Atmosphere continued
  movements continued
    tropospheric wave disturbances in tropical western Pacific, spectral analysis 2—1849
    turbidity rel. to surface temperature of polar ice sheets 2—30263
    turbulence, clear air, airborne remote detection equipment, development 2—40917
    turbulence, clear air, development by synoptic scale processes 2—40940
    turbulence, clear air, mechanics 2—40936
    turbulence, clear air, operational forecasting for aircraft safety 2—40942
    turbulence, clear air, stable layers associated with 2—40945
    turbulence, clear air and otherwise 2—40944
    turbulence, conference London (May 1971) 2—40931
    turbulence, generalizations of Richardson criterion, for onset 2—1848
    turbulence, generation in boundary layer 2—40937
    turbulence, inducing laser beam spread 2—31057
    turbulence, Kelvin-Helmholtz instability 2—40938
    turbulence, recorded by Civil Aircraft Airworthiness Data Recording Programme 2—40946
    turbulence, rel. to mesoscale horizontal temp. gradients, Project Coldscan 2—40943
    turbulence, remote laser sensing 2—40963
    turbulence, space-time relationships 2—40933
    turbulence, statistically self similar, group theoretic implication 2—13669
    turbulence, unified discrete gust and power spectrum treatment 2—40947
    turbulence and electricity during solar eclipse of 7 March 1970 2—37160
    turbulence energy, speed of dissipation, radar meas. 2—20322
    turbulence in air over open sea, structure and intensity 2—20327
    turbulence in boundary layer due to unstable stratification, temporal and spatial variability 2—1846
    turbulence induced laser beam spread 2—7941
    turbulence spectrum indissipation range from meas. of laser radiation fluctuations 2—20323
    turbulence spectrum rel. to vertical wind profile 2—4680
    turbulent, obs. with Doppler radar 2—16829
    turbulent buoyant jets discharged to quiescent stratified ambients, development 2—16823
    turbulent diffusion, cosmic ray produced ^{22}Na and ^{7}Be obs. 2—20324
    turbulent diffusion from fixed point source, effect of observation time 2—10728
    turbulent fluxes of momentum at ground in baroclinic planetary boundary layer, parametrization 2—37123
    turbulent instability within stable layers, f.m./c.w. radar obs. 2—33458
    turbulent shear flows, calc. methods 2—32148
    turbulent structure from line-of-sight propagation expts. 2—1855
    turbulent transfer mechanisms in atmospheric surface layer 2—40927
    two layer baroclinic model, nonlinear interaction of waves and zonal current 2—37143
    ultra-long waves, baroclinic instability 2—16825
    velocity and turbulence obs. using laser velocimeter 2—37126
    vertical coupling between upper and lower tropospheres in Indian monsoon 2—7278
    vertical drift, effect on electron density vertical distributions in ionosphere F_2-region 2—23026
    vertical drift of small-scale inhomogeneities in the ionosphere, height dependence 2—23013
    vertical mass transport, parametrization, entrainment mechanism applic. 2—7281
    vertical momentum equation solution by method of relaxation along verticals with orography influence 2—4671
    vertical motions and energy conversions in summer season 2—7284
    vertical transport of mean zonal kinetic energy in northern hemisphere 2—13688
    vertical turbulent diffusivity, obtained from Tn profiles 2—37144
    vertical velocity component of regular wind in meteor zone 2—22985
    vertical velocity distribution in E-region of ionosphere and formation of electron density irregularities 2—37214
    vertical velocity spectra and variances just above surface layer 2—7286
    wave driven wind on liquid surface, kinematics of air layer motion 2—20331
    waves, artificial, produced by focusing of shocks generated by supersonic aircraft, detection 2—4672
    waves, in zonal wind meas. over Garchy, 80-105 km 2—26518
    waves, long, transient, motion of vertical modes by beta plane approx. 2—1850
    waves, very long, transient, vertical mode propagation 2—1853
    wind, 80-150 km luminous cloud obs. over Volgograd 2—26521
    wind field structure regularities for different scales of motion 2—13693
    wind turbulence spectra in Prandtl-layer 2—30280
    wind velocity over ocean, Kolmogoroff constants det. from second- and third-order structure functions in wind over ocean 2—7288
    zonal current dynamic instability during break monsoons 2—1869
  precipitation
    see also Ice; Rain; Snow
    annual variation calc. for mountainous terrain 2—22968
    aurora, impulse precip. of anisotropic flux of low energy electrons 2—10745
    auroral electrons, flux modulation 2—13752
    Department of Katowice, specific β-radioactivity in rain 2—30303
    effective for calc. future water resources 2—1872
    e.m. waves propagation, millimetre, in tropical and equatorial regions 2—16865
    forecasting, numerical model 2—37148
    hailstones, variation of natural radioactivity with stone size 2—1883
    hailstorm, multicellular, radar reflectivity profiles of individual cells 2—13716
    hailstorms, location and investigation by infrasound 2—13717
    hailswaths, mapping by airborne i.r. radiometry 2—13718
    ice crystals, terminal velocity det. 2—20346
    intensity determination, drop size spectra 2—30289
    intensity variation with synoptic type over Midlands 2—40958
    meso-scale distributions in warm sector depression 2—40955
    quantitative forecasting over small catchment areas by synoptic typing 2—20339
    radar meas. methods 2—7293
    radar meas. system 2—7294
    rain attenuation, at 15 and 35 GHz 2—16850
    rainfall, daily mean, accuracy of estimates 2—1871
    rainfall, spatial variation, effect of wind direction and speed 2—1854

Atmosphere continued
precipitation continued
rate det., accuracy of active, passive and optical location methods 2–13714
remote sensing techniques 2–33446
seeding ice formation in clouds effectiveness of CuS 2–40954
stability of charged drops in uniform electric fields 2–39400
thunderclouds, simulation of freezing conditions and electrification due to melting, cold vertical wind tunnel 2–7291
wind speed derivatives, radar method 2–1861
S, Cl- content, meteorological interpretation 2–1821

radiation belts
bremsstrahlung emission by electrons, penetration to balloon-height 2–10752
earth albedo neutrons from 10 to 100 MeV 2–37198
geomagnetic shell parameter, numerical fits from computer program 2–33512
inner, source and loss processes of protons 2–16891
inner belt electrons, longitudinal intensity pattern 2–10749
inner Van Allen belt, obs. of captured electrons with $E_e>7$ MeV and $E_e>15$ MeV 2–30332
loss cone, pitch-angle distributions of equatorial protons and electrons 2–10751
magnetic shell parameter, computer program for direct computation 2–33511
magnetosphere, fast solar particles injection through neutral points, simulation 2–33504
outer, energetic electrons precipitating from, and iteraction with hiss-type v.l.f. emission 2–30333
outer parameters rel. to interplanetary space 2–30334
outer zone, electron precipitation, obs. within drift loss cone of e.l.f. emissions 2–20395
particle precipitation, patterns and sources 2–1890
particles causing subsidiary ionization of ionosphere, mechanism for ionosphere discontinuities 2–26529
plasma, resonance scatter of protons on cyclotron instability waves 2–10750
polar cusp observations during magnetic storm, satellite penetration into magnetosheath plasma 2–13741
proton, hydromagnetic noise spectrum 2–26526
protons, distribution changes, 17 April 1965 magnetic storm 2–4709
ring current, effect on oval of proton aurorae 2–40987
ring current, intervals of pulsations of decreasing period and development of asymmetry 2–10775
ring current, polar magnetic substorm studies 2–40977
ring current protons, rel. to mag. field variations 2–30331
shell splitting due to electric fields 2–20397
solar wind protons, penetration of magnetosphere, through boundary of geomagnetic field 2–22988
super critical belt, Pc 1 excitation of protons 2–33513
trapped particles, radial diffusion induced by fluctuating magnetospheric fields 2–10753
trapped protons, obs. of low energy differential spectrum 2–20396
upper atmosphere, 200-500 Km, excess radiation 2–16890
Van Allen belt, theory 2–30335

radioactivity
see also Fallout
aerosols, submicronic, distribution of natural activity 2–13727
aerosols, transfer of effects of high energy solar radiation to the biosphere 2–26508
Department of Katowice, specific β-radioactivity in rain 2–30303
fallout in atmospheric dust and rain during 1971, effect of Chinese and French nuclear tests 2–40973
natural, of hailstones, variation with stone size 2–1883
neutrons and secondary γ rays, effects of ground on steady state and time dependent transport 2–7318
particle borne, interpretation of time variations 2–13729
rare gas nuclides, level meas. and low-level counting data treatment 2–30304
stratified layers, X-ray telescope obs. 2–13728
vertical profiles of natural substances 2–4670
^{37}Ar, neutron activation analysis 2–7319
^{131}I concentration, automatic instrument for continuous obs. 2–4698
^{85}Kr, meas. using Geiger counter 2–40972
^{210}Pb, aerosol samples, ground level radioactivity 2–30305
Rn and daughters, measurement of radioactive equilibrium 2–13726
^{90}Sr, aerosol samples, ground level radioactivity 2–30305

structure
convection model, allowing for altitude variation of density 2–30264
F-region irregularities which produce scintillations, axial asymmetry 2–26542
meteorological, mesosphere, seasonal and latitudinal variations 2–7258
plasmasphere, size changes inferred from K- and K_p-indices 2–7324
upper, study from data obtained by rockets launched from Woomera, May 1968 2–26512
vertical, principal component analysis 2–1828

temperature
acoustic echo sounding obs., in boundary layer 2–1840
acoustic radar design and operation for measurement 2–20312
air-temperature lapse-rates near the ground 2–40919
Airport, Dum Dum, Calcutta, runway and screen temp. 2–20311
auroral zone wind and temp. correlation with geomagnetic activity 2–26514
baroclinic planetary boundary layers, parametrization of turbulent fluxes of momentum, heat and moisture 2–37123
boundary-layer analysis, correlation of surface and radiosonde observations 2–13677
clear air turbulence associated with large temperature change 2–30278
clear sky thermal radiation, systematic deviations from empirical formulae 2–40960
cosmic rays recorded underground, exclusion of temp. effect for muon component 2–27808
day-time records of microstructure near the ground 2–40921
daytime F_2-layer, latitudinal distrib. of electron temp. in summer 2–23023
e.m. waves propagation, millimetre, in tropical and equatorial regions 2–16865
exosphere, variations rel. to solar cycle 2–7520
field, statistical methods in obs. of structure 2–1827

Atmosphere continued
temperature continued
field in potential thunderstorm condits. diagnosis using multilevel model and mesoscale upper air network 2–13673
fine thermocouples for obs. 2–20309
fluctuations, effect of tropical east Pacific Ocean temps. 2–40907
fluctuations at different hts. above Black Sea surface, 1969 2–30265
global exchange of energy and material 2–4663
heat circulation models, coupling with ocean, surface boundary conditions 2–30240
instruments for probing up to 1 km 2–1833
Jimsonde, high resolution temperature sensor, comparative test results 2–16803
Kolmogoroff constants det. from second- and third-order structure functions in wind over ocean 2–7288
measurement techniques, problems and instrument assessment 2–1831
mesosphere, seasonal and latitudinal variations 2–7258
mesospheric temperatures and winds during a stratospheric warming 2–26513
microwave applications to indirect sensing 2–16810
nighttime polar atmos., variations in gas kinetic and electron temp. 2–22954
phase retardation of e.m. waves propagating between six co-orbiting satellites, 2 K degrees accuracy 2–10719
profile, Fourier spectroscopy from Nimbus Meteorological satellite 2–22953
profile determ. from satellite meas. 2–7256
profiles and wind speeds in and above a pine forest 2–1859
profiles from acoustic echo sounding 2–7259
radar acoustic sounding system 2–26482
rapid fluctuations analysis 2–4665
seasonal variation near mesopause level 2–16805
seasonal variations, effect on crustal movement det. by geodetic method 2–30218
above seawater, oceanographic survey 2–37131
solar diurnal variation of muons, effect of atmosphere on observations 2–23127
stratosphere, effect of 1958/1970 sunspot cycle 2–4720
stratosphere, effect of 1958/1970 sunspot cycle 2–4720
stratosphere, horizontal gradient rel. to turbulence, Project Coldscan 2–40943
stratosphere and lower mesosphere temperature measurements with ground based microwave techniques 2–16811
stratosphere winter anomaly, height-time profiles of temp. and zonal wind, mechanism 2–16806
telemetering system with central monitoring and control of land and buoy telemeters 2–16802
telemetry systems for obs. rel. to pressure as function of altitude 2–20317
thermosphere, diurnal phase anomaly 2–30308
thermosphere, from Al_2O_3 clouds formed after O_2 and methane releases 2–16867
thermosphere, meas. technique using mol. beam sampler and metastable time-of-flight obs. 2–40978
transponder rocketsonde, miniaturised, for obtaining data 2–16801
tropospheric, approximation method for satellite image interpret. 2–7257
upper, heating near auroral zones 2–13757
upper, meas. using Skylark rockets launched at Woomera, May 1968 2–26512
upper, turbulent fluctuations, radiative damping rate 2–4960
upper atom, changes during geomag. storm, study by artificial satellite 2–16868
urban/rural counter radiation and air temperature at night 2–40918
urbanisation effects on monthly mean air temperature 2–40920
vertical profiles obs. using Raman backscatter from N_2 2–10718
vertical structure at mesoscale, experimental continuous recording sonde 2–16804
CO_2 pressure modulated radiometer for remote sounding of 40-80 km atmosphere 2–26483

thermodynamics
acoustic echo sounding of thermal structure 2–16809
energy transfer from summer to winter pole, large-scale motion in mesosphere and upper stratosphere 2–26516
mesosphere and lower thermosphere, photochemical heating 2–37188
meteorological state variable determination by Raman components of laser atmospheric backscatter 2–16808
Phoenix Arizona, energy balance methods for estimating atmospheric thermal radiation 2–30266
planetary atmospheric circulation, similarity theory relations from hydrodynamic equations 2–1986
remote sensing techniques 2–33446
rotating flame effect generalization and application tornado genesis 2–4664
troposphere, meridional circulation and heat budget over equatorial central Pacific 2–1838
valley wind morning dissipation, thermally induce circulation model 2–7287
v.l.f. radio waves, interaction with ionosphere, heating effects, electron collision frequency 2–20998

upper
see also Magnetosphere
200-500 Km, excess radiation 2–16890
airglow spectrum rel. to physical conditions and chem. processes 2–26525
atomic and molecular reactions 2–41216
aurora, midlatitude observation, correlation with solar activity 2–10746
auroral zone wind and temp. correlation with geomagnetic activity 2–26514
auroral-zone X-ray spectra, energies opto 200 keV, balloon measurements 2–22996
composition, determ. by miniature Mattauch-Herzog mass spectrometer 2–566
constituent densities estimation using recursive filtering algorithm 2–1885
cosmic ray neutrons, integral multiplicity of generation 2–14727
density and temp. changes of air during geomag. storm, artificial satellite study 2–16868
density det. by obs. of braking of satellites 2–30307
density using the PERLO programme 2–33496
density variations with height and geomagnetic storms 2–10741
diffusive-photochemical obs., and associated conservation mechanisms 2–4700

Atmosphere continued
upper continued
electric field measurements, ionospheric and magnetospheric origin 2—37197
electrojet, equatorial, electrostatic plasma instabilities 2—7329
electrojet, equatorial, nonlinear theory of type I irregularities 2—20393
electrojet, equatorial nonlinear interaction of longitudinal waves excited by plasma instability 2—22998
electrojet, obs. of related Birkeland current 2—20392
electrojet, polar, effect on oval of proton aurorae 2—40987
electrojet, solar development during polar magnetic substorms 2—13759
electron attachment coefficient in air, height dependence 2—10740
electron density, recording of additional fluxes after magnetic disturbances 2—22983
electron flux detection, after solar magnetic perturbations 2—17072
electrons, 100-1500 MeV, flux meas. 2—16870
equatorial electrojet, structure of electrical conductivities and electrostatic field within 2—20394
excitation and ionization processes and low energy electron precipitation in ionospheric F-region 2—30324
exosphere, rotating and nonuniform, model 2—7325
exosphere density variations (June 1968 to December 1970) 2—40979
exospheric temperatures from rocket and incoherent-scatter measurements 2—13745
fast auroral waves, observational report 2—30325
fluorescence pulses produced by supernovae 2—40983
gravity waves induced by a solar eclipse 2—13734
H conc., det. from ionic composition, diurnal and height variations 2—30310
heating near auroral zones 2—13757
ion cloud, initially spherically symmetric, diffusive motion 2—30329
ion-exosphere with asymmetric velocity distribution, number density, particle, momentum, and energy fluxes 2—33505
lateral transport of particles, applicability of diffusion model 2—20376
lower thermosphere, vertical neutral gas motions and deviations from barometric law 2—30312
Lyman α radiation, scattering in geocorona, intensity rel. to solar activity 2—30314
macroturbulence and mean winds from radar observations of meteor trails 2—33497
mesospheric temperatures and winds during a stratospheric warming 2—26513
metal ion chemistry, thermal energy binary, three-body reaction rate 2—37189
meteor flux in circumterrestrial area, luminosity functions and distribution steepness 2—7539
meteor radar obs. of wind 100 km over Heiss Island 2—26519
meteor trails and effects of multicomponent composition of meteorites on radio reflection 2—33753
meteor wind obs. 35 and 72 hr. periodicity 2—26517
meteoritic contamination by Quadrantid shower 2—4986
midday auroral observations, in oval, cusp region, and polar cap 2—16889
neutral composition, variation above 400 km during magnetic storms 2—16871
neutral composition, variations in 130-200 km height range 2—22982
neutral particle response to solar eclipse 1970, March 7, 30-125 km 2—33495
noctilucent clouds, obs. during 1885-1901 period 2—20383
noctilucent clouds, origin, model based on presence of dust particles and water vapour 2—7321
noctilucent clouds, twilight probing with electrophotometers 2—7326
observatory, radar system employment 2—37187
optical studies, review 2—7301
particle precipitation, patterns and sources 2—1890
particle radiation intensity, latitude dependence 2—26510
Perseids, meteor observation by two-channel photoelectric method 2—7540
photoelectrons to thermal electrons, analytic expression for energy transfer rate 2—16884
planetary boundary layer, nonstationary 2—26827
realistic thermosphere model, gravity wave propagation 2—40975
redistribution of minor constituent 2—30311
semi diurnal tide, 100-130 km. up, from incoherent scatt. obs. 2—26520
sky emission spectrum from aircraft altitudes at millimeter wavelengths 2—40984
stratosphere and mesosphere, energy transfer from summer to winter pole 2—26516
structure study from data obtained by rockets launched from Woomera, May 1968 2—26512
subauroral red arcs regulation 2—40989
temp. turbulent fluctuations, radiative damping rate 2—4960
temperature, seasonal variation near mesopause level 2—16805
thermosphere, annual fluctuations in large-scale circulation 2—7322
thermosphere, density and temp., diurnal phase anomaly 2—30308
thermosphere, electron heating rate and ion chemistry during 1970, March 7 solar eclipse 2—33522
thermosphere, lower, minor constituents meas. by rocket-borne mass spectrometer 2—40976
thermosphere, temp. meas. technique using mol. beam sampler and metastable time-of-flight obs. 2—40978
thermosphere storms, empirical model 2—20410
thermospheric wind circulation, excited by magnetic storms 2—30373
tides and gravity waves, internal, transport properties 2—7323
twilight, investigations using O absorption bands 2—20381
two dimensional model, Earth's magnetic tail, plasma trapped on current sheet in dipole field 2—22992
vertical motions and energy conversions in summer season 2—7284
waves, in zonal wind meas. over Garchy, 80-105 km 2—26518
wind, 80-150 km luminous cloud obs. over Volgograd 2—26521
wind obs. over Heiss Island using artificial luminous cloud technique 2—26515
winds, direction and speed, seasonal and latitude variations 2—30306
winds and air density meas., 75-95 km 2—26511
Hα emission, spectra 2—30317
Na abundance rel. to radio metoer 2—17040
O, atomic, extreme u.v. absorption cross-sections in upper atmosphere 2—30318
O_2 vibrationally excited, equilibrium densities for day and night 2—22984
Atmospheric acoustics
acoustic gravity waves, short period, anal. of spatial coherence 2—37182

Atmospheric acoustics continued
acoustic-gravity wave calc. in layer with linear temp. variation 2—37185
acoustic-gravity wave generation at 120 km by sea level detonation 2—37190
acoustic-gravity wave propagation in measured atmosphere 2—37184
atmospheric waves in planetary boundary layer using acoustic sounder and microbarograph array 2—40924
aurora, microbarograph records of infrasonic events 2—37196
echo sounding, obs. of temp. and humidity 2—7259
generation and propagation of shock waves from Apollo rockets at orbital altitudes 2—37178
infrasonic array data processing, real time, fast frequency-wavenumber anal. and Fisher signal detection 2—37183
infrasonic signal propagation, launch and re-entry of Saturn V 2—37177
infrasonic signals, correlation of winds and geographic features with production 2—37181
infrasonic waves, detection by pipe arrays, coherent noise from turbulent boundary layers 2—37175
infrasound, disturbances related to thunderstorms and severe weather 2—37124
infrasound, microbaroms caused by interfering ocean waves 2—37176
infrasound propagation characteristics and measurement systems 2—37172
Lamb waves, propagation, apparent violation of conservation of energy 2—37122
local fluctuations in atmospheric pressure field, long-period seismic waves 2—37079
microbarograph pipe arrays, detection of infrasound modes 2—37174
natural background infrasound, from Apollo 14 and aircraft 2—37179
noise reducers for active microbarograph array, identification of l.f. acoustic waves 2—37173
poleward expansions of auroral substorms, generation of infrasound waves 2—37195
reflection of waves in a viscous isothermal atmosphere 2—903
refraction and attenuation by wind, thermal profiles over ground plane 2—13731
shock wave propagation in exponential 2—7320
shock waves oblique propagation in troposphere 2—26509
Skidaway Island, air coupled seismic waves from Apollo launching 2—37081
sonic boom minimization, modification of aircraft configuration 2—35668
sonic boom propagation, effects of atmospheric irregularities 2—37186
sonic boom propagation through stratified atmosphere 2—35669
sonic booms, conference, Acoustical Soc. America, (Houston Texas 1970) 2—34102
sound propagation through model cylindrical vortex, with viscous core, synoptic weather conditions 2—17381
v.l.f. waves, discrete trains, produced by point sources 2—37180
wave data, co-phase analysis technique for detection and parameter est. 2—37140
Atmospheric disturbances *see Atmosphere/movements; Thunderstorms*
Atmospheric duct *see Electromagnetic wave propagation*
Atmospheric electricity
see also Atmosphere/radioactivity; Atmospherics; Aurora; Electromagnetic wave propagation/atmosphere; Ionization, atmosphere; Lightning; Thunderstorms
air-earth conduction current, measurement method 2—4691
auroral, obs. of field aligned particle currents 2—16887
Birkeland currents, production maintenance and control by ionospheric effects 2—16892
clouds, charged, electrical screening layer acquired by droplet capture of ions 2—1862
detector, description and evaluation 2—16848
eddy diffusion coeffs. from atmospheric electrical meas. 2—1847
electric conductivity tensor, effect of nondipole geomagnetic field, in dynamo region of ionosphere 2—23020
electric field measurements in upper atmosphere, ionospheric and magnetospheric origin 2—37197
electrical potential gradient and conductivity in free atmosphere over India 2—30296
electrojet, equatorial, electrostatic plasma instabilities 2—7329
electrojet, equatorial, nonlinear theory of type I irregularities 2—20393
electrojet, equatorial, two stream instability stabilization 2—33510
electrojet, equatorial nonlinear interaction of longitudinal waves excited by plasma instability 2—22998
electrojet, obs. of related Birkeland current 2—20392
electrojet, polar, effect on oval of proton aurorae 2—40987
electrojet, solar development during polar magnetic substorms 2—13759
electrojet rel. to equatorial ionospheric drift 2—4716
electron drifts in equatorial electrojet region, effect of magnetic activity 2—7332
equatorial electrojet, structure of electrical conductivities and electrostatic field within 2—20394
equatorial electrojet irregularities, radar studies at 16.25, 49.92, 146.25 MHz 2—16901
equatorial ring current and polar electrojet, connection 2—30330
field, parallel, near auroral ionosphere, deduced from particle obs. 2—20391
field strengths deduced from mid frequency slopes of pc1 hydromagnetic whistlers 2—20352
field variation after lightning 2—1877
hiss-type v.l.f. emission, electron interaction with in outer radiation belt region 2—30333
intracloud discharges, net electrostatic field changes 2—10734
ionospheric and magnetospheric fields in presence of fast electron inhomogeneity 2—20403
lightning characteristics in N. Nigeria 2—40970
lightning currents, international curve proposals 2—30297
magnetospheric currents 2—23038
magnetospheric electric fields, interplanetary origin 2—20363
magnetospheric fields, dependence on solar wind velocity 2—13744
magnetospheric substorms, origin and effects of fields 2—20423
perturbations during solar eclipse of 7 March 1970 2—33475
polar caps, electric fields and plasma distributions 2—13753
polar night jet, baroclinic instability of idealized model 2—20350
above seawater, oceanographic survey 2—37131
small ion concentration, variation with solar activity 2—37161
space charge and potential gradient measurements using field mills 2—4692
space charge density det. 2—40969

Atmospheric electricity continued
- stepped leader theory in glow-to-arc transitions, retrograde streamer theory 2—10733
- stratosphere, conductivity, effect of dust, vertical profiles of potential gradient 2—10732
- sunrise effect during solar eclipse of 7 March 1970, turbulence effects 2—37160
- thundercloud electrification lab. expt. 2—7291
- thunderstorms, locally severe, characteristics 2—13706
- water drop surface wave interactions 2—1060

Atmospheric optics
- *see also Airglow; Sky brightness; Sunlight; Twilight*
- absorption at 10.6 μm by CO_2 and H_2O, for field irradiance distrib. 2—26502
- absorption spectra in cloudy atmospheres, laboratory simulation 2—7303
- aerosols, optical constants in 2.5 to 40 μm range 2—37136
- angular distribution of radiation emerging from optically thick layers 2—4689
- angular scintillations in laser return from retroreflector, effects of turbulence 2—22973
- atmosphere, isothermal scattering and absorptive, proof of relation between reflectivity and emissivity 2—40965
- clouds, visible light scattering, angular transmittance 2—22967
- depolarization, effect of electrostrictively induced stimulated Brillouin scattering 2—10730
- depolarization of laser beam in a turbulent medium, gaussian and Kolmogorov spectra 2—31058
- diffraction effects on self induced thermal distortion of laser beam in crosswind 2—22962
- diffraction of visible light, image blurring 2—1873
- diffuse extinction rel. to humidity in atmospheric window 8-13 μm 2—33448
- distance corrections for fluctuating refractive index Lidar technique using depolarization factor 2—1875
- focussed light beam, broadening in turbulent atmosphere 2—40961
- haloes, graphical guide 2—1825
- haze scattering in tropics, wavelength exponent by photoelectric photometers 2—37205
- inner scale meas. in turbulent atmosphere 2—30292
- instruments for obs. during turbulence, MTF determination 2—40966
- inverse problems, comparison of statistical techniques for anal. 2—26500
- i.r. absorption, 0.5-3.0 mm, and line shape of a water vapour absorption line 2—37155
- irradiance fluctuations in laser transmission 2—37156
- irradiance fluctuations in optical propagation 2—10748
- laser beam absorpt. by particulate cloud 2—40962
- laser beam propagation, light intensity distrib. calc. 2—37153
- laser beam propagation at 10.6 μ, wave optics computer code modelling 2—22975
- laser beam propagation direction fluctuations meas. technique 2—4686
- laser beam propagation model with hydrodynamic treatment of transmission medium 2—22974
- laser beam propagation through falling snow 2—30294
- laser radiation attenuation, in artificial fog 2—16842
- lidar reflectance of fair weather cumulus at 0.903 μ 2—30283
- light beam in turbulent atmosphere, spatial structure 2—16838
- light beam propagation, obs. by laser-radar techniques 2—16841
- light beam propagation Gaussian, mode conversion 2—16855
- light field characteristics in clouds and fogs with point collimated stationary source 2—4688
- line-f-sight paths, sources of fading obs., using remote probes 2—16846
- lower Parry arc of sun at McCall glacier 2—40968
- luminosity distribution rel. to cloudiness 2—26499
- Mie scattering, modification of van de Hulst relation 2—24983
- multiple backward-scattered radiation, luminance and polarization properties 2—4690
- nacreous or 'mother-of-pearl' cloud over Scotland 2—40957
- noctilucent-layer effect, use in navigation and attitude control in near earth orbits 2—33564
- occultation and vertical sounding, band-model empirical adaptation 2 -7312
- opacity determ. using actinometer 2—7311
- optical path calc. method 2—33469
- optical radar laser telecommunications, limitations 2—23619
- photocounting cumulants, coherent and chaotic mixtures, lognormal fading 2—23559
- polarimetry of daytime sky during solar eclipses in visible region 2—33471
- polarization of sky radiation at twilight, effect of atmospheric aerosol layers 2—20335
- polarization of skylight near sun and effects on polarimetric K corona obs. 2—37418
- pollutants, remote detection, laser methods compared 2—1876
- pollution detection employing laser radar method 2—26481
- propagation in a random medium and irradiance distribution function, statistical analysis 2—14445
- radiative transfer at atmosphere-ocean boundary 2—37157
- radio transmission in ionosphere, group path analysed by geometrical optics 2—23000
- rare halo displays in Amsterdam 2—26503
- reflection characteristics for model media 2—37152
- refraction angle, from mean data and iteration method 2—10731
- refraction of spherical wavefronts in stratified isotropic media 2—33474
- refractive idex fluctuation profile, laser remote sensing 2—40963
- refractive index correlation with microwave fading, statistics 2—40971
- refractive index of air, portable modification to Jamin interferometer 2—34483
- refractive-index-structure parameter behaviour near the ground 2—1874
- scattering matrices, climatic changes 2—13719
- scattering of light by fogs with droplets up to 50 μm in diameter 2—33462
- scattering of partially polarized light in a plane-parallel atmosphere 2—13720
- scattering props., angular volume-scattering function, nephelometer obs. above 26 km 2—37158
- scintillation of laser beam, transmitter size and focus effects 2—40964
- seeing and scintillation and effects on astronomical obs. 2—7305
- shadow bands, visual and mechanical measurement during 1970, March 7, solar eclipse 2—33472
- single scattering, in the optical inhomogeneous region near the critical point 2—40967

Atmospheric optics continued
- solar radiation depletion, model for building cooling load analysis by computer 2—30290
- spot dancing of laser beam propagating through turbulent atmosphere 2—4685
- telescope-performance reciprocity for propagation in turbulent medium 2—34513
- thermal i.r. radiation meas. by radioprobes 2—7309
- thermal i.r. radiation spectrum, synthetic represent. 2—7307
- transmission of optical waves, statistics of optical intensity fluctuations 2—27590
- transmittance determination from sky brightness distribution 2—30295
- transparency spectrum for mm waves 2—37154
- turbid medium, image of test-object, signal/noise ratio 2—4687
- turbidity, wavelength depend. of aerosol or haze scattering 2—22976
- turbidity characterization from solar radiation intensity profiles meas. 2—7310
- turbidity det. from polarization of scattered radiation 2—37159
- turbulence, holographic compensation 2—23653
- turbulence induced laser beam spread 2—7941
- turbulent, gravity centre displacement of light beam, meas. 2—16839
- turbulent atmosphere, 2/3 law for spherical wave propagation 2—33480
- CO_2 high-power laser beams, limitations on atmospheric thermal effects 2—33470
- CO_2 laser propagation in, limitations caused by gas breakdown and thermal blooming 2—37170
- OI forbidden line intensities and properties of shadow bands during 1970, March 7 solar eclipse 2—33473

Atmospheric pressure and density
- 75-95 km, sensor for meas. and obs. 2—26511
- accelerometer inflatable falling sphere, computed density accuracy 2—16869
- atmospheric waves in planetary boundary layer using acoustic sounder and microbarograph array 2—40924
- baroclinic stability problem, non-geostrophic 2—1818
- convection model, allowing for altitude variation of density 2—30264
- density, upper atms, meas. using Skylark rockets launched at Woomera, May 1968 2—26512
- Earth motion caused by local atmospheric pressure changes 2—37080
- exosphere density variations (June 1968 to December 1970) 2—40979
- field, statistical methods in obs. of structure 2—1827
- fluctuations, co-phase analysis technique for detection and parameter est. 2—37140
- global air-press. fluctuations and Southern-hemisphere West-drift 2—7283
- ionosphere, propagation of sound, attenuating and dispersive medium 2—30336
- local fluctuations in atmospheric pressure field, long-period seismic waves 2—37079
- lunar tides above Instanbul 2—33447
- mesosphere, seasonal and latitudinal variations 2—7258
- microbarograph pipe arrays, detection of infrasound modes 2—37174
- near surface pressure pulse propagation from nuclear explosions, model, Lamb's edge mode 2—37142
- nuclear explosions, gravity wave det. 2—13690
- nuclear explosions, long period microbarologic signals 2—7208
- phase retardation of e.m. waves propagating between six co-orbiting satellites, 3 mB accuracy 2—10719
- remote sensing techniques 2—33446
- seasonal variations, effect on crustal movement det. by geodetic method 2—30218
- above seawater, oceanographic survey 2—37131
- semidiurnal gravitational tides, vertical structure 2—37145
- snow transparency rel. to air density and permeability 2—16831
- spectra rel. to non-regular sea level variations spectrum by hydrodynamical theory 2—20289
- surface pressure measurements from a satellite 2—40911
- telemetering system with central monitoring and control of land and buoy telemeters 2—16802
- thermosphere, diurnal phase anomaly 2—30308
- thermospheric density from O_2 and methane release expts. 2—16867
- tropical cyclone behaviour, cloud seeding and variations of sea surface temperature 2—37146
- tropospheric, approximation method for satellite image interpret. 2—7257
- upper, PERLO programme 2—33496
- upper atmos. density det. by obs. of braking of satellites 2—30307
- upper atmosphere, estimation using recursive filtering algorithm 2—1885
- upper atmospheric density as a function of exospheric temperature, Jacchia's 1970 models 2—20359
- variations with height and geomagnetic storms 2—10741
- v.h.f. radio signals, 30 to 100 MHz, propagation 2—16849
- O, thermosphere, seasonal variation of conc. 2—20373
- O_2, diurnal variation of density at 400 Km 2—20374

Atmospheric spectra
- *see also Atmospheric optics*
- absorption, velocity laser spectroscopy determ. 2—11543
- absorption line formation in cloudy atmospheres, laboratory simulation 2—7303
- airglow, between 3 and 4 microns meas. through morning and evening twilight, OH intensity variation 2—37194
- amplitude ratio for pulse trains of e.l.f. atmospherics at widely separated location 2—1880
- aurora, Na D-line radiation, excitation by Na collisions with internally excited H_2, D_2, N_2 2—35161
- aurora, secondary electron excitation 2—22997
- auroral lines, obs. 2—33508
- auroral-zone X-ray spectra, energies opto 200 keV, balloon measurements 2—22996
- captured electrons with $E_e>7$ MeV and $E_e>15$ MeV in inner Van Allen belt 2—30332
- collisional relaxation and rotational intensity distributions 2—38870
- drop size spectra, rain intensity determination 2—30289
- emission, stratospheric, submillimeter wave 2—7313
- emission feature at 11.7 cm^{-1}, case against N_2O 2—7302
- Fourier spectroscopy from Nimbus meteorological satellite 2—22953
- gases and aerosols, absorption, emission and scattering 2—16840
- high resolution meas. using grating spectrograph 2—7308
- ionospheric F1 region 2—13788
- laser spectroscopy, high-speed, to study absorption spectra of atmospheric gases 2—2464

Atmospheric spectra continued
- Lyman α radiation, scattering in geocorona, intensity rel. to solar activity 2—30314
- Mars u.v. spectrometry, Mariner 9 experiment 2—37361
- monochromatic absorpt. coeff., high speed laser spectroscopy 2—33620
- OI 1304 Å lines, u.v. emission intensity variation with solar activity 2—26496
- Prandtl layer, turbulence spectra 2—4681
- rain drops, interference phenomena calc. 2—7306
- SAR arc, λ5577[OI] and λ4278N_2^+ emissions 2—20390
- sky emission spectrum from aircraft altitudes at millimeter wavelengths 2—40984
- stratospheric emission spectrum, sub mm., high resolution obs. 2—30293
- submillimetre background radiation, spectral features search and origin 2—4907
- thermally stratified turbulent flow with no shear 2—24963
- thunder, power 2—1856
- transparency spectrum for mm waves 2—37154
- upper atmosphere, fluorescence pulses produced by supernovae 2—40983
- u.v., late twilight airglow, sounding rocket spectra 2—16883
- BaO release at 170 km, vibrational and rotational temps. 2—10744
- CO, half-width computation for air- broadened lines 2—12114
- CO and N_2O abundance deduced from rotational line intensities 2—22958
- CO_2, Raman obs. using remote spectrometer 2—34553
- CO_2, relaxation of 2.7 μ and 4.3μ bands 2—7300
- H, airglow emissions, Lyman α, β and Balmer α, rel. to resonance scattering models of solar radiation 2—20380
- HNO_3 bands, absorption 2—26501
- HNO_3 rotational submillimetre emission lines in the stratosphere 2—7264
- H_2O, Raman obs. using remote spectrometer 2—34553
- H_2O vapour, absorpt. coeff., velocity laser spectroscopy determ. 2—11542
- H_2O vapour dimens., effects 2—7274
- Hα emission in upper atmos. 2—30317
- N_2, Raman obs. using remote spectrometer 2—34553
- N_2, resonance scattering of first positive system, in dayglow 2—40985
- N(^{2}D) quenching reactions by O_2 and N_2O, temperature coefficients 2—16881
- NO $A^2\Sigma^+$, electronic quenching by O_2 $X^3\Sigma_g^-$ 2—28315
- O, atomic, extreme u.v. absorption cross-sections in upper atmosphere 2—30318
- O absorption bands to investigate the atmosphere at twilight 2—20381
- O_2, Schumann-Runge bands, penetration of solar radiation 2—7299
- O_2 Raman obs. using remote spectrometer 2—34553
- OH, rotational temp. in night airflow, temporal variations 2—30322

Atmospherics
- effects, on microwave communication, channels, review 2—20356
- e.l.f. range, SEA phenomena, obs. 2—22978
- e.l.f. wide-band noise receiver 2—37163
- hiss, v.l.f., in aurora, rocket obs. 2—4708
- hiss-type v.l.f. emission, electron interaction with in outer radiation belt region 2—30333
- hydromagnetic noise spectrum in proton belt 2—26526
- l.f. radioelec. waves emitted by multiple lightning discharges, interference phenomena 2—16893
- lightning characteristics in N. Nigeria 2—40970
- long distance propagation in earth-ionosphere waveguide, phase velocities and attenuation coefficients 2—33478
- nonlinear whistler propagation through ionosphere 2—33517
- polar night jet, baroclinic instability of idealized model 2—20350
- pulse trains of e.l.f. measured at two widely separated locations 2—1880
- radio aurora, discrete, theory 2—40986
- short-wave radio, functions of field strength at 6 to 22 MHz 2—13724
- v.l.f. radio waves, mode conversion and refraction error in Earth-ionosphere waveguide 2—40991
- v.l.f. whistler mode signals, long duration, observation of pulsation phenomena 2—16847
- waveforms rel. to radiowave propag. 2—4693
- whistler emissions, triggered, effects of nonlinear interaction between wave and particles resonating with it 2—13722
- whistlers, hydromagnetic, pc1, geoelectric field strength det. 2—20352
- whistlers, magnetoguiding, longitudinal current and excitation of self trapping extraordinary component 2—30338
- whistlers, quasimonochromatic packet, nonlinear modulation 2—40997

Atomic beams
- *see also Particle velocity analysis*
- analyzer for neutral beams by conversion to ions in pulsed gas target 2—31708
- deuterium-halogen molecular beam collision study 2—13564
- Kepler, inclined-beams instrument for study of two particle collisions 2—11998
- magnetic reson. study of vortex motion in supercond. Nb. 2—19585
- metastable rare gases, absolute detector based on secondary electron emission 2—21537
- monokinetic, radiation profile, broadening and narrowing by amplification 2—38845
- parallel, collision frequency and ang. distrib. of scattered particles 2—12017
- Perot-Fabry interferometry in vacuum u.v. 2—15208
- resonance curve width calc. for atomic beam tube with inclined beam input 2—35174
- Stern-Gerlach experiment, rel. to focussing of elec-charge free particles 2—27418
- transition probability rel. to. excitation power and linewidth 2—5120
- velocity selection using laser light radiation pressure 2—34411
- Ar up to 20 eV, scatt. from (111) Ag surface 2—15657
- ^{217}At, short lived, preparation by wall reaction in Pt tube 2—38846
- BaI, BaII, excited by electron gun, linewidth studied with spherical mirror Fabry-Perot interferometer 2—5795
- Cs, vel. distrib. of atoms issuing from multi channel glass capillary array, scattering cross sections 2—12018
- Cs atomic frequency standard of Physikalisch- Technische Bundesanstalt 2—5119
- Cs beams as frequency standard 2—571
- Cs III time scale, construction techniques and improvement suggestion 2—5118
- Cs multiphotonionization by Q-switched Nd-glass laser at 1.06 μm, role of molecular Cs component 2—12019
- ^{74}Ge, polarized nuclear spins, relaxation time determ. 2—18116
- H, method for providing liquid nitrogen cooling without reducing rf discharge and dissociation degree 2—18353

Atomic beams continued
- H, pulsed source of energetic atoms 2—12033
- H, reflection, diffr., selective adsorpt. by LiF 2—39461
- H, Stern Gerlach effect, one-body mechanical treatment 2—2124
- H pulsed, production by photodetachment of electrons from H^- by Q-switched Nd laser 2—12034
- He, scattering from W(112) surface 2—6334
- He^+, light emission of beam excited by cryst., channelling 2—15252
- K, inert gases scatt., total cross sections meas. theory 2—12009
- K, properties and polarization 2—24390
- K, scatt. from [100] surface of Cu 2—6312
- K, Xe and CH_4 targets, determ. of differential cross sections and intermolecular repulsion parameters 2—2958
- ^{103}Rh, polarized nuclear spins, relaxation time determ. 2—18116

Atomic clocks *see Time measurement*

Atomic frequency standards *see Time measurement*

Atomic mass and weight
- *see also Isotopes; Mass spectra*
- $59 \leqslant Z \leqslant 69$, precise atomic mass differences 2—24306
- ^{35}Cl and ^{37}Cl, precision measurements at Osaka University 2—38843
- H and D, precision measurements at Osaka University 2—38843
- Zn, coulometric method of det. 2—21536
- Zn, new determination of atomic weight 2—38844

Atomic orbitals *see Atoms/structure; Orbital calculation methods*

Atomic scattering factors *see Crystal structure, atomic; X-ray crystallography; X-ray scattering*

Atomic spectra *see Spectra/atoms*

Atoms
- *see also Atoms, mesic and muonic; Collision processes/atoms; Elements; Nucleus; Polarisability; Positronium*
- with $^1S_0$ ground states, method of orienting nuclei, using optical pumping and exchange collisions 2—15203
- alkali metal, in rare gas matrix, interactions 2—24387
- alkali metals, excited states, repulsive force const. in presence of Kr and Xe 2—18293
- alkali-like, core polarization. non-adiabatic approach 2—18279
- angular momentum operators in theory of atomic levels in fields, traces of products 2—17219
- binding energies, nonrelativistic theory for large atomic number 2—24323
- Brandeis Univ. Summer Institute, Waltham, USA (1969) 2—15191
- Casimir-Polder interactions, long-range, moment theory bounds 2—21529
- closed-shell, model for calculating forces between atoms 2—24367
- coherence, in quantum electronics, review 2—27445
- Compton profiles, first and second row atoms 2—2957
- Coulomb Green function, equivalence of expressions 2—2905
- Coulomb potential, screened, properties 2—5774
- Coulomb T-matrix, on-shell 2—2906
- electron wave functions near nucleus and normalization screening theory in atomic photoeffect 2—24308
- electrostatic interaction matrix element calc., relativistic correction 2—27059
- exclusion principle violating diagrams, generalization of many body-theory 2—28163
- fractional parentage coeffs. rel. to matrix elements of irreducible tensorial operators 2—24324
- generalized oscillator strengths 2—18328
- harmonic oscillator, forced, correspondence principle methods 2—5773
- harmonic oscillator potential interaction, two-particle case 2—27056
- Hartree-Fock-Slater method, Latter's correction 2—18291
- heavy ion applications in atomic physics 2—11932
- hot-atom reactions limits of validity of the kinetic theory 2—30040
- hydrogenic atoms, with global Galilean invariance, external electromag. interactions 2—18352
- interaction with e.m. field, equivalent operators 2—38796
- interactions with r.f. photons, optical pumping experiments as test of dressed atom theory 2—24305
- interatomic long range dispersion force, coeff. calc. in power series expansion 2—24307
- interatomic potentials, determination from quasistatic wings of broadened spectral lines 2—21485
- ionization potentials, theoretical and experimental, H to Kr 2—8460
- ionization thresholds and cross sections with low energy inert gas ions 2—11968
- isoelectronic sequences of 2- to 9-electron atoms, correlation energies anal. 2—18278
- long range interaction energies using Gaussian basis sets and one centre method 2—35170
- many electron systems of interacting particles, calc. of second order physical props by Green's functions 2—8415
- many-body methods, applic. to calculations 2—562
- matrix elements in orthogonal scheme 2—27060
- metal atoms in flames, collisional ionization cross-sections 2—38823
- near metal surface, Thomas-Fermi response, effective polarizability 2—15652
- multidimensional integration methods for integral-transform trial functions, equivalence of space- filling-curve approach 2—14145
- multilevel, fine structure coupling, infinite in radiative transfer problems 2—5781
- n-electron system, energy calc. by using theory of symmetric groups 2—23270
- neutral, ground states, static dipole polarisabilities 2—8421
- one electron systems, pointwise bounds for eigenfunctions 2—15240
- outer S-function plethysm, tables, determ. of group branching rules 2—8420
- photoionization, many-electron correlations, calc. using random phase approx. with exchange 2—598
- radiative electron transitions, microscopic model 2—7687
- repulsive potential between atoms, atomic distribution and combining rule 2—31700
- resonance eigenvalues, extremal properties 2—31637
- second-row, Gaussian d-orbital exponents, approx. for LCAO MO SCF calc. 2—3020
- stopping cross sections for low energy alpha particles 2—24391
- superheavy elements, atomic and ionic radii 2—28166
- superradiant pulse emission, quantum statistics 2—27110
- three- to ten-electron systems, second-order perturbation term in ionization potentials 2—35147
- valence orbital ionization potential, general evaluation formulas for $K(2)L(8)3s^23p^63d^\alpha4s^\beta4p^\gamma$ or $1s^22s^m2p^n$ configurations 2—11964

Atoms continued
van der Waals potentials, long-range, sum-rule moment bounds 2—21528
vapour, scattering light, coherence props., level crossing expt. 2—11937
Ag, e.s.r. on porous glass and silica gel surfaces 2—1164
Ag, e.s.r. on porous glass and silica gel surfaces 2—1163
Ar,H_2, system, rotational relaxation time, Monte Carlo trajectory calc. 2—3040
Au, autoionization of high-temperature monatomic vapour 2—28201
C, dipole dipole part of van der Waals interaction between atoms in ^3P ground state 2—18341
Cd, autoionization of high-temperature monatomic vapour 2—28201
Cu, autoionization of high-temperature monatomic vapour 2—28201
H-like, quantum induced $2S_{1/2}$-$1S_{1/2}$ photon-plasma transitions, probability 2—31709
H, interaction energy of two atoms, Gaussian orbitals in second-order correction calc. 2—21543
H, long range retarded interaction between two atoms 2—2983
H, Rayleigh-Schrodinger perturbation theory application 2—21539
He-He interatomic correlation energy and vad der Waals attraction 2—21552
He, electron capture in excited state following collision with Ne 2—38860
He, hyperpolarisability calc. 2—35182
He, van der Waals constants and nonadditive triple-dipole force constants calc. by coupled H.F. approximation 2—28232
He isoelectronic sequence up to Fe XXV eigenvalues of bound states calc. 2—12038
Hg, autoionization of high-temperature monatomic vapour 2—28201
In, autoionization of high-temperature monatomic vapour 2—28201
Ne, van der Waals constants and nonadditive triple-dipole force constants calc. by coupled H.F. approximation 2—28232
^{22}Ne, pressure broadening and shift of 1.15 μm line, constants in Lennard Jones interatomic potential determ. 2—21517
Sn, autoionization of high-temperature monatomic vapour 2—28201
Zn, autoionization of high-temperature monatomic vapour 2—28201

electron scattering
acceleration effect, inclusion in modified Born approximation 2—5808
algebraic expansion methods, scattering resonances 2—615
alkali atoms, polarized orbital calc. of electron and positron scatt. 2—626
close coupling approx., second order potential applic. 2—5827
collision cross sections, recent advances in calc. methods 2—11984
correlation effects, systematic computation 2—611
cross section calc. using new simplified second born approx. 2—11985
cross sections, total and differential elastic, limiting value determination 2—616
effective long range potential derived, symmetry properties discussed 2—28207
eikonal approx. application to elastic scatt. from spherically symmetric potential 2—31686
elastic, intermediate energies, analysis using external version of optical potential formalism 2—612
elastic, low energy electrons, scattering length and total cross section in Thomas-Fermi theory 2—614
elastic, on closed shell atoms, many-electron correlations 2—637
elastic scattering phase shifts, computation via analytic continuation of Fredholm determinants constructed using L^2 basis 2—17242
electron impact spectroscopy, group theoretical selection rules 2—2952
electron-ion scatt. calc., one-centre two-electron integrals 2—11987
excitation, polarization of characteristics X-radiation, theoret. study 2—617
free-free Gaunt factor, atoms and ions, threshold behaviour in strong coupling case 2—38827
heavy atoms, qualitative treatment in Bohr-Pauli model 2—613
hydrogen like ions, excitation and ionization cross sects. by electron and proton impact 2—15244
inelastic, eikonal approx. 2—5807
inelastic, many-electron correlations using generalized Green functions 2—609
inelastic collisions, cross sections for highly excited atoms 2—5806
inert gas, electron impact excitation cross sections determ. from spectral line intensities, simultaneous calibration of apparatus 2—5797
inert gases, electron-impact induced autoionization of outer S electrons 2—18330
inverse bremsstrahlung absorption in large radiation fields during binary collisions, classical theory 2—31695
ionization, cross section calc. 2—5794
ionization, cross section calc. in classical binary approx. 2—5810
ions, positive, ionization cross section calc. 2—5794
ions, scattering of polarized electrons, in field of electromagnetic wave, induced radiation 2—38831
low energy, computer calc. using correlated target wave functions 2—5805
low energy, in random phase approximation 2—610
low energy, scattered in a gas, optimization of apparatus for producing beam of spin polarized electron 2—11439
many-particle scattering, effects of approximate cluster functions on parameters and improved pseudostate expansion 2—11995
multichannel processes combined variable-phase-R-matrix approach 2—11994
multielectron atoms, ionization by electron impact, determ. differential and total cross sections 2—28216
plural scatt., small-angle, Monte Carlo calcs. 2—2145
polarization free vacuum uv excitation functions meas. using controlled electron impact 2—5796
polarized atoms, electron polarization by spin exchange scattering 2—646
polarized electrons used in determ of spin dependence 2—34615
positive ions, excitation and ionization, calc. using binary approx. 2—5809
positive ions with configurations $1s^22s^22p^q$, determ. cross sections for ionization 2—21532
positron scatt., low energy, exptl. approaches to cross section meas. 2—5812
positrons, low energy, total scattering cross section determ. 2—5811
pseudopotential approach, generalized, for neutral atom studies 2—38829
resonance bremsstrahlung and photon absorption, multiparticle soln. 2—38830
resonance energy det. from broadened profiles 2—21525
resonance quasi-projection operators, Feshbach formation, examination of idempotency requirement 2—11988
spectral lines broadening and shift produced by fast electron collisions 2—28167
spin exchange collisions between spin-$^1/_2$ atom and target atom with arbitrary electron spin, determ. cross sections 2—24380

Atoms continued
electron scattering continued
theory, use of second order potentials 2—24375
by van der Waals forces in Born approximation 2—79
variational scatt. calcs., method of models 2—24363
Ag, inner shell ionization 2—18326
Al, L-shell ionization calc., occurrence of delayed maxima 2—8467
Ar, at 1 to 10keV, secondary electron energy and angular distribution 2—5814
Ar, cross section calc. for momentum transfer with K 2—31703
Ar, elastic scatt. of 100, 90 and 80 eV electrons, differential cross sections 2—618
Ar, electron impact excitation of 3s3p^{6}nl states, 24-29.5 eV 2—18325
Ar, interaction with positrons, semiphenomenological model 2—38832
Ar, ionization by ejection of outer shell s electron following electron impact, cross section for electrons up to 20 keV 2—5821
Ar, ionization by low energy impact, triple differential cross sections 2—5813
Ar, L-shell ionization calc., occurrence of delayed maxima 2—8467
Ar, low energy scatt., ang. distribution meas. 2—725
Ar, phase shift analysis of slow electron scatt. 2—628
Ar, slow electron scatt., phase shift analysis 2—5820
Ar, structure obs. in total electron impact cross section using transmission spectroscopy 2—31689
Ar, time-dependent study of VUV emission following excitation by 250 keV pulsed electron beam 2—28204
Ar electron-impact excitation cross section, method for measurement 2—21526
Ar first excited state excitation 2—24357
Ar gas, temp. dependence of positron annihilation rate determ. by solving Boltzmann diffusion equation 2—28229
Au, 100 to 400 keV, ionization, differential energy and angular cross sections calc. 2—18334
Au, inner shell ionization 2—18326
B, ionization cross section calc. for ground state config. 2—2953
Ba, inelastic collisions with slow electrons, investigation of excitation of ionization using crossed beam technique 2—5818
Ba, ionization cross sections, meas. from threshold to 200 eV 2—5819
Ba, resonance transitions, minima in generalized oscillator strengths 2—5816
Ba$^+$, ionization by electron impact, autoionization structure 2—2954
Be, (e,2e) reaction, wave functions, struct. 2—38828
C, 100 to 400 keV, ionization, differential energy and angular cross sections calc. 2—18334
C, (e,2e) reaction, wave functions, struct. 2—38828
C II, ionization cross section calc. for ground state config. 2—2953
Ca, inelastic collisions with slow electrons, investigation of excitation of ionization using crossed beam technique 2—5818
Ca, ionization cross sections, meas. from threshold to 200eV 2—5819
Ca$^+$ crossed beam meas. of cross sections for electron-impact excitation of H and K lines of Ca II 2—5799
Cd, effective cross sections of excited ion formation in electronic collisions, calc. by meas. line intensities 2—5800
Cd, electron impact excitation, energy loss spectra studies 2—619
Cd, low energy range, excitation functions and polarization degree of emitted radiation 2—620
Ce, elastic collision cross section determ. from space charge limited voltampere characteristics of Ce diode 2—11989
Cs, ionization mechanisms 2—5815
Cu, 100 to 400 keV, ionization, differential energy and angular cross sections calc. 2—18334
Cu, inner shell ionization 2—18326
Cu, L-shell ionization calc., occurrence of delayed maxima 2—8467
H, 1s-3d excitation, cross section calc. using Glauber approx. 2—5860
H, 2p state excitation by electrons at high energies, effect of 2s-2p close coupling on cross section 2—24395
H, cross section calc. by correl. method using modified pot. 2—24397
H, cross section meas. for electron impact excitation to metastable 2s state, use of quenching process 2—8489
H, cross sections calc., Vainshtein and Born approx. 2—5857
H, determ. differential elastic scattering cross section energy and angular dependences 2—28219
H, e$^\pm$ scattering length, atomic wavefunction inaccuracy effect in variational calc. 2—2987
H, effects of approximate cluster functions on parameters and improved pseudostate expansion 2—11995
H, elastic and inelastic scatt., many-body calc. 2—698
H, elastic and inelastic total cross sections calc. with and without exchange effects by Fadeev approach 2—35179
H, elastic scatt., time-dependent Hartree-Fock treatment 2—24396
H, elastic scatt. in plane wave approx. 2—699
H, elastic scattering calc. using theory based on R-matrix method, phase shifts 2—12024
H, electron impact excitation, cross sections calc. 2—31713
H, energy and width of lowest resonance 2—8493
H, exchange amplitude calc. for 1s→2s excitation 2—8492
H, excitation cross section, classical calc. of threshold behaviour 2—2988
H, excitation cross section calc. in adiabatic representation 2—8491
H, excitation near threshold, meas. by trapped electron method 2—701
H, Glauber calc. of double differential cross sections for ionization 2—31714
H, impact ioniz., free-fall model calc. 2—18350
H, inelastic, Glauber approximation 2—2989
H, inelastic scatt., expansion technique applic. 2—35178
H, low energy positron scatt., investigation using Kohn variational method 2—5863
H, phase shift and excitation cross section calc. 2—8490
H, positron scattering, calculation in pseudo-state expansion formulation 2—5864
H, s-wave scattering, application of distortion operator method 2—20853
H, theory 2—38850
H, total cross section calc., Faddeev approach 2—700
H, transitions between highly excited states, cross section calc. 2—8488
H, variational calc. for low energy electrons 2—5858
H cross sections for elastic scattering and 1s-2s, 1s-2p and 1s-3p excitation calc. using second order potentials 2—28228
H +e$^-$→H(1s)+2e$^-$ (H(2s)+2e$^-$) electron detachment processes, calc. of cross sections using impact-parameter method 2—38851
H(1s), Glauber calcs. of polarization fraction of Lyman-α radiation emitted 2—21540

Atoms continued
electron scattering continued
H(2s), ionization cross section, meas. in energy range 8.4 to 350 eV 2—5862
He, 2^1S and 2^3S state, inelastic scattering cross sections 2—5885
He, absolute cross sections for n^1P excitation by electrons calc. from spectral line intensities in uv region 2—5880
He, ang. distribution of secondary electrons 2—5886
He, at 500eV, ang. distribution of secondary electrons 2—3002
He, auto-ionised $^1P^{(-)}$ states, excitation 2—722
He, Compton scatt. of keV electrons 2—3001
He, cross sections for direct excitation 2^1S and 2^1P states evaluated in first order approx. 2—24407
He, decay of 2^1S_0 states in afterglow 2—28238
He, differential and total cross sections for electron and positron scattering 2—28236
He, elastic and $1s$-2^1s inelastic scatt., calc. using Glauber approx. 2—5884
He, elastic and inelastic scatt., many-body calc. 2—698
He, elastic scatt. of fast electrons, calc. using Pade approximants 2—724
He, elastic scattering calc. using theory based on R-matrix method, phase shifts 2—12024
He, electron bombardment, angular distribution of electrons from two autoionizing states 2—12047
He, electron impact excitation of 2 ^1S state, charge polarization effects 2—15250
He, electron impact excitation, cross sections, applic. of eikonal approx. 2—31728
He, electron impact excitation, 19-24 eV, total cross sections 2—24403
He, electron impact ionization, energy and angular distributions of secondary electrons 2—15249
He, excitation cross section calc. in adiabatic representation 2—8491
He, excitation of 2^1P state, calc. in DWBA 2—8498
He, inelastic scatt., eikonal approx. 2—5859
He, ionization, differential cross section meas. 2—5861
He, low energy scatt., ang. distribution meas. 2—725
He, optical electron excitation cross sections of 63 levels meas. at 100 eV, determ. distribution of excitation transfer 2—12042
He, positron scatt., heuristic theory 2—5874
He, positron scattering cross sections, meas. in energy range 0 to 30eV 2—5811
He, ratio of inelastic to elastic scattering cross sections for n=2 levels meas. over 30°-150° range for energies 82 and 200eV 2—28237
He, rearrangement collision, eikonal approx. 2—18363
He, resonance excitation and polarization of resulting radiation, meas. in energy range 55 to 63 eV 2—727
He, resonance structure in 2^1P inelastic channel, obs. in energy regions 19.3 to 24.6 eV and above 57 eV 2—728
He, simplified second Born approx. applic. 2—723
He, simultaneous ionization and excitation by 200 eV electrons to n=4 level of He$^+$ 2—28235
He, slow positron elastic scatt., energy dependence of cross section 2—5887
He, structure obs. in total electron impact cross section using transmission spectroscopy 2—31689
He, total cross section, time of flight beam meas. 2—726
He, total scatt. of e$^+$, cross section meas. at 1 to 4 and 17 to 26 eV 2—24406
He energy spectra of ejected electrons from autoionizing states excited by electron bombardment 2—15248
He excitation, zero-field level crossing used to measure upper state lifetimes, collision cross sections determ. 2—28233
He gas, temp. dependence of positron annihilation rate detrm. by solving Boltzmann diffusion equation 2—28229
He$^-$, ^2S autionization state, calc. using resonance quasi-projection operators 2—31729
He$^+$, elastic scatt., time-dependent Hartree-Fock treatment 2—24396
HeI, influence of distant electron collisions on plasma broadened 4471.48 Å line 2—35183
Hg, effective cross sections of excited ion formation in electronic collisions, calc. by meas. line intensities 2—5800
Hg, elastic scattering, effect of virtual transitions, channel coupling and polarization 2—31687
Hg, electron impact excitation, differential cross section meas. 2—621
Hg, excitation of 6^1P_1 state, distorted wave calc. of electron spin polarization 2—622
Hg, high energy scattering factors, relativistic calculations of elastic differential cross sections 2—31688
Hg, resonance transitions, minima in generalized oscillator strengths 2—5816
Hg spectrum, electron impact meas. of absolute oscillator strengths of 3 transitions 2—8446
K, $4^2S_{1/2}\to 4^2P_{1/2,3/2}$ excitation by electrons, differential cross sections with spin analysis 2—18335
K, cross section calc. for momentum transfer with Ar 2—31703
K, differential direct scatt. cross section meas. at 4 eV 2—624
K, differential spin-flip cross sections 2—623
K, low energy scattering, absolute elastic and inelastic differential cross sections 2—35168
K excitation cross sections calc. with regional trial function in variational principle for R matrix 2—24364
Kr, elastic resonances decay modes 2—625
Kr, electron impact apparatus used to observe autoionizing and negative ion states below $^2P_{1/2}$ limits 2—28205
Kr, ionization by ejection of outer shell s electron following electron impact, cross section for electrons up to 20 keV 2—5821
Kr, structure obs, in total electron impact cross section using transmission spectroscopy 2—31689
Li, determ. Li- free-free scaled absorption coefficient using phase shifts for elastic scattering 2—28170
Li, elastic cross section, polarized Born approx. 2—18333
Li, electron impact excitation, Glauber theory approx. 2—18336
Li, excitation cross sections calc. with regional trial function in variational principle for R matrix 2—24364
Li, inelastic differential cross section, meas. at zero scatt, angle 2—627
Li, ionization, abs. cross section meas. in 100eV to 2keV energy range 2—5798
Li, low energy elastic scatt. 2—2956
Li, positron annihilation with valence electron 2—5817
Li, positron collisions, polarized orbital calcs. 2—2955
Li$^+$, ionization, total cross section meas. 2—5861

Atoms continued
electron scattering continued
Mg, inelastic collision with slow electrons, investigation of excitation of ionization using crossed beam technique 2—5818
Mg, ionization cross sections, meas. from threshold to 200eV 2—5819
N, at 1 to 10keV, secondary electron energy and angular distribution 2—5814
N III, ionization cross section calc. for ground state config. 2—2953
N ions, electron impact excitation cross sections 2—5822
Na, 2.1-1000 eV, electron excitation cross section and polarization of unresolved doublet resonance radiation 2—5803
Na, cusp observation due to opening of inelastic 3^2P channel 2—11986
Na, ionization, abs. cross section meas. in 100eV to 2keV energy range 2—5798
Na, low energy elastic scatt. 2—2956
Na excitation cross sections calc. with regional trial function in variational principle for R matrix 2—24364
Ne, energy spectra of ejected electrons from autoionization states excited by electron bombardment 2—15248
Ne, ionization, total and differential cross section meas. 2—5861
Ne, ionization by ejection of outer shell s electron following electron impact, cross section for electrons up to 20 keV 2—5821
Ne, L-shell ionization calc., occurrence of delayed maxima 2—8467
Ne, low energy scatt., ang. distribution meas. 2—725
Ne, momentum transfer cross section for low energy electrons 2—28208
Ne, phase shift analysis of slow electron scatt. 2—628
Ne, simultaneous ionization and excitation by electron collision, cross section for 3p states of Ne II meas. 2—5804
Ne, slow electron scatt., phase shift analysis 2—5820
Ne, slow positron elastic scatt., energy dependence of cross section 2—5887
Ne, structure obs. in total electron impact cross section using transmission spectroscopy 2—31689
Ne gas, temp. dependence of positron annihilation rate determ. by solving Boltzmann diffusion equation 2—28229
O, elastic scatt. of low energy electrons, cross section calc. 2—629
O IV ionization cross section calc. for ground state config. 2—2953
O ions, electron impact excitation cross sections 2—5822
Rb, electrons polarization pattern 2—28209
Si, L-shell ionization calc., occurrence of delayed maxima 2—8467
Sr, inelastic collisions with slow electrons, investigation of excitation of ionization using crossed beam technique 2—5818
Sr, ionization cross sections, meas. from threshold to 200eV 2—5819
Sr, resonance transitions, minima in generalized oscillator strengths 2—5816
Xe, ionization by ejection of outer shell s electron following electron impact, cross section for electrons up to 20 keV 2—5821
Xe, singly and multiply ionized, excitation function investigated by observing vacuum u.v. spectra 2—8465
Xe, structure obs, in total electron impact cross section using transmission spectroscopy 2—31689
Xe electron impact apparatus used to observe autoionizing and negative ion states, below $^2P_{1/2}$ limits 2—28205
Zn vapour, 50 to 150 eV and 0 to 11°, generalized oscillator strength of 4^1S to 4^1P transition 2—28210

excitation
see also Auger effect
$2p^q$ configurations, multichannel photodetachment cross section, calc. using polarized orbital close-coupling approx. 2—5851
alkali, electronically excited, total cross section for quenching at high temperatures by vibrationally excited N_2 2—31692
alkali metal, orientation by optical pumping, effect on mol. form. 2—18324
atomic spectra and transition probabilities, experimental studies 2—21486
Auger deexcitation, electron emission at solid surfaces, review 2—22651
autoionizing resonances, 1/Z expansion studies for two electron resonances 2—11971
autoionizing states, coincidence obs. 2—38819
beam-foil excitation mechanism using $^4He^+$, $^6Li^+$ and ^7Li ions 2—8481
coherent resons. induced by oscillating elec. field 2—38821
collisions, atom-atom and electron-atom, calc. and significance of resonant states 2—8477
collisions, meas. of excited state lifetimes on function of particle density in nanosecond region 2—11999
collisions in gases, study of Doppler shift of light emitted by excited atoms at 10-100keV energies 2—2964
depolarizing cross sections for collisions of atoms in state with angular momentum j and spherically symmetrical inert gas atoms 2—8468
diffusion of reson. excitation, one-dimens. analogue 2—38818
electron impact, polarization of characteristic X-radiation, theoret. study 2—617
electron impact meas. of polarization free vacuum uv excitation functions 2—5796
electron-impact induced autoionization of outer S electrons 2—18330
by e.m. field or arbitrary intensity, nonperturbative method 2—17465
enlightenment of absorptive medium induced by Stark shift of multiphoton resonance 2—35117
Franck-Hertz experiment, method of displaying electron ion current against accelerating potential 2—14384
free-free Gaunt factor, atoms and ions, threshold behaviour in strong coupling case 2—38827
halogens, ground-state $^2P_{3/2}$ meas. using atomic resonance absorption 2—15229
heavy atoms, L-shell photoelectric cross sections at 145 and 279 keV 2—28202
heavy ions, multiply charged, excited in collision with light gas atoms, determ. of lifetimes 2—654
hydrogen like ions, excitation and ionization cross sects. by electron and proton impact 2—15244
inert gas, electron impact excitation cross sections determ. from spectral line intensities, simultaneous calibration of apparatus 2—5797
inert gas atoms, autoionizing levels observed in ionization curves for electron energies 18-65 eV 2—11942
inert gases, analytic approx. for cross sections using atomic screening parameters 2—11977
inert gases, collisions with fast ions, separate subshell contributions to stopping power 2—24373
inert gases, photoionization, determ. cross sections and angular distributions using HF wave functions 2—11981
inner-shell ionization, atomic vacancy distributions 2—24352
interaction of atoms with polarized light 2—35128

Atoms continued
excitation continued
ionization speed in near-cathode zone 2—27421
ions, fast multiply charged, passage through material, prohbability of electron capture into excited states 2—655
lasers, far v.u.v., by heating of plasma electrons in ultrashort pulsed optical fields 2—23564
magnetic relax. in r.f. field 2—11933
many-body calculations of energies and transition probabilities 2—21499
multicharged ion, by proton impact, cross sect. calc. using impact parameter method 2—653
multiphoton ionization of atoms due to strength and coherency of e.m. radiation 2—35150
multiphoton ionization processes in gases, role of atomic spectra 2—35583
optical line spectrum, radiative and collisional interactions, astrophysics 2—21500
optical pumping, in oscill. r.f. field, g-factor modification 2—31690
optical pumping of ground and metastable states, review 2—35149
optical transitions, sudden change of nuclear charge mechanism 2—18296
plasma surface wave modes, excitation and detection 2—15458
population inversion establishment by photoionization of inner shell electrons 2—27454
positive ions, by electron impact, calc. using binary approx. 2—5809
positive ions, Li- and Na-like, electron impact excitation cross-sections and reaction rates by classical impulse approximation 2—8464
rare earth metals, two electron, X-ray photoelectron spectra of fluorides 2—35282
resonance fluorescence, excited state struct. and lifetimes 2—8436
resonant multiphoton excitations, by strong driving fields 2—31674
spin waves in ferrite, with second magnetization harmonic frequency 2—16385
stimulated emission and absorption near resonance 2—34372
submicrosecond laser pulse sampling and atomic vapour production, physical chemical processes 2—15230
superradiant laser, quantum statistics, investigation using Fokker Planck equation 2—27458
third-row atoms and ions, resonance transition probabilities including correlation effects 2—35156
Z=92 to 126, calc. of radiative transition rates for filling K-shell vacancy use as means of identifying elements 2—2928
Ag, electron impact, multiple ioniz. and Auger transitions 2—11972
Ag, inner shell excitation by protons, impact parameter dependence 2—600
Al^{3+} ion spectrum of laser-produced plasma, autoionizing series 2—18298
AlII perturbed series, mean-lives of excited electronic states, beam-foil technique 2—15231
Ar, electron impact excitation of 3s3p^{6}nl states, 24-29.5 eV 2—18325
Ar, excitation of inner and outer shells in collisions with N$^+$, Ne, Ne$^+$, Cl$^+$, Ar$^+$, Kr$^+$, inelastic energy losses and ionization 2—2965
Ar, first excited state excitation by electron bombardment 2—24357
Ar, H-atom impact, 20 to 120 keV, Lyman-α radiation prod. 2—18311
Ar, ion cross section for excitation to and from metastable states in mass spectrometer 2—18271
Ar, ionized, 4p^{2}D$^0_{5/2}$ level, lifetime obs. 2—15228
Ar, time-dependent study of VUV emission following excitation by 250 keV pulsed electron beam 2—28204
Ar electron-impact excitation cross section, method for measurement 2—21526
Ar excited metastable, cross section for excitation into triplet state determ. from pulsed mass spectrometric study of associative ionization 2—15237
Ar II 4p configuration levels, excitation mechanism study using low pressure arc 2—24354
Ar II levels, dependence of population in CW Ar laser on discharge tube diam. and magnetic field 2—27478
Ar plasma jet, interference obs. 2—16704
Ar$^+$, excitation of inner and outer shells in collisions with Ar, inelastic energy losses and ionization 2—2965
Au, photoioniz., extreme u.v., calcs. using final state correls. 2—31675
Ba, by electron impact of resonance lines 2—11948
Ba, inelastic collisions with slow electrons, investigation using crossed beam technique 2—5818
Ba, metastable, photoioniz. 2—18327
BaI, BaII, atomic beam lines, linewidth studies with spherical mirror Fabry-Perot interferometer 2—5795
Be I isoelectronic sequence, transition probabilities and excitation cross sections 2—28187
Be I perturbed series, mean-lives of excited electronic states, beam-foil technique 2—15231
Be II, 2s→nf transitions, Coulomb-Born I cross sections 2—35151
Bi, photoioniz., extreme u.v., calcs. using final state correls. 2—31675
C III, in Wolf Rayet star envelopes 2—23075
C IV, 2s→nf transitions, Coulomb-Born I cross sections 2—35151
C$^+$, K-shell excitations in collisions with Ne, differential investigation of velocity dependence 2—2967
C(2^{1}D$_2$) electronic excitation, reactions with moleclar gases, time-resolved atomic absorption 2—24343
C(2^{1}D$_2$) electronically excited atoms, collisional deactivation by inert gases, meas. by attenuation of atomic emission 2—15232
C$^+$(2p)-H(2s) collisions, fine structure excitation cross sections at low energies 2—5834
Ca, by electron impact of resonance lines 2—11948
Ca, inelastic collisions with slow electrons, investigation using crossed beam technique 2—5818
Ca XIX, proton, electron and α-particle collisions in solar corona 2—20708
Ca$^+$, in low energy collisions with Cd 2—2982
Ca$^+$ crossed beam meas. of cross sections for electron-impact excitation of H and K lines of Ca II 2—5799
Cd, by electron impact, energy loss spectra studies 2—619
Cd, by low energy electron impact, excitation functions and polarization degree of emitted radiation 2—620
Cd, effective cross section of excited ion formation in electronic collisions, calc. by meas. line intensities 2—5800
Cd laser, continuous generation on 4416 Å line by h.f. excitation 2—37963
Cr, lifetimes in several excited states, obs. using beam foil technique 2—5785
Cs-H$_2$(N$_2$) collisions, excitation transfer cross sections 2—35152
Cs, afterglow discharge plasma, relaxation in presence of reabsorption 2—24355
Cs, collisional excitation transfer cross sections 2—2971

Atoms continued
excitation continued
Cs, effective cross section for associative ionization from the 8^{2}P$_{1/2}$ state 2—28220
Cs, photoionization cross section and spin orientation of ejected electrons 2—31677
Cs, principal series oscillator strengths and ground state photoionization cross sections 2—31679
Cs, resonant multiphoton ioniz. in laser light 2—38824
Cs multiphoton ionization at 1.06 and 0.53 microns 2—35153
Cs$^+$, in collisions with He, Ne, Ar in energy range from threshold to 28 keV 2—2969
Cu, from shakeup photoelectron spectra of solid halides and oxide 2—36636
F^{6+} lithium like ions passing through C foil target, excitation of metastable autoionizing states, determ. of electron spectra 2—604
Fe, photoionization cross section calc. for photon energies from threshold to 10 keV 2—11976
Fe XIII, Fe XIV, fine structure transitions, proton induced cross sections 2—35160
Fe XV, collision strengths for transitions in first four configs., DWBA 2—11050
Fe XVII, transition probabilities in intermediate coupling and configuration mixing 2—5787
fe^{9+} to fe^{13+}, secondary autoionization on dielectronic recombination 2—35155
H$^+$-H, charge transfer collisions, production of highly excited states 2—5871
H, 1s-3d excitation by electron and proton impact, cross section calc. using Glauber approx. 2—5860
H, 1s→2s excitation by electron impact, exchange amplitude calc. 2—8492
H, 2p state excitation by electrons at high energies, effect of 2s-2p close coupling on cross section 2—24395
H, 3p states excited by 2-10keV proton impact on N$_2$, determ. cross section 2—5854
H, 3s and 3p excitation by proton and α-particle impact, 30-2000keV, using method of distortion 2—24394
H, (1s-3s) and (1s-3p) by proton and α-particle impact, cross section 2—697
H, by collisions with H atoms, applic. of semiquantal theory 2—21542
H, by electron impact, classical calc. of cross section threshold behaviour 2—2988
H, by electron impact, cross sections calc. 2—31713
H, by electron impact near threshold, meas. by trapped electron method 2—701
H, cascade, on passing through dense plasma and gaseous targets 2—15246
H, charge impact excitation of highly excited atoms 2—31711
H, collisions with He$^+$, nonadiabatic electronic transition from 1s to 2p state 2—648
H, cross section meas. for electron impact excitation to metastable 2s state, use of quenching process 2—8489
H, cross sections followng collisions with He$^+$, multistate eikonal approx. 2—24383
H, cross sections for production of 2s and 2p states in proton-cesium collisions 0.5-2.5keV 2—5856
H, destruction of 3s state by fast atom impact on N2, Ar, H2 2—38854
H, electron and proton scattering, cross sections for 1s-2s, 1s-2p and 1s-3p excitation calc. using second order potentials 2—28228
H, electron impact excitation cross section calc. 2—8490
H, electron impact excitation cross section calc. in adiabatic representation 2—8491
H, excitation by fast charged particle, eikonal DWBA analysis 2—5869
H, excitation to 2s state by 20-120 keV impact on He, Ne, Ar and N$_2$ 2—31720
H, formation and equilibrium of metastable atoms by electron capture neutralization of 10-30 keV protons in H and He targets 2—12027
H, formation of 2p and 2s states in collisions of H$^+$ and H with H$_2$ 2—15245
H, in collisions with H, semiquantal treatment 2—21545
H, ioniz. by electron impact., free-fall model calc. 2—18350
H, multichannel photodetachment cross section, calc. using polarized orbital close-coupling approx. 2—5851
H, n=3 states, by impact of 10 to 35 keV ground state H on He, Ne, Ar, H$_2$, O$_2$, N$_2$ 2—38849
H, to np or nd states by fast proton impact, algebraic eqns. for cross sections 2—5850
H bound-bound multiphoton processes, photon absorption and quantum emission 2—35175
H formation of 2s and 2p states in 1-25 keV collisions with inert gases, emission of Lyman-α radiation 2—12026
H frequency shift of hyperfine transitions by coherent perturbations 2—31710
H$^-$, collisions with neutral atomic or molecular targets, energy spectrum of emitted electrons studied 2—12023
H+A, collisions, charge transfer and excitation reactions, ang. momentum distrib. 2—717
H+H$_2$, collinear exchange reactions, with vibr. excitation reaction probabilities and thermal rate consts. 2—10608
He-H$_2$ gas-plasma interaction, excitation transfer 2—35189
He^{2+}-He, collisions, electron capture and excitation, transition probabilities 2—694
He$^+$-N$_2$ reactions in plasma containment device due to N$_2$ impurity in device 2—12364
He, ^{1}P autoionization states in elastic scattering region 2—31731
He, 4^{1}S, 4^{1}D and 3^{1}P levels, fast proton excitation, absolute cross section meas. 2—2999
He, absolute cross sections for n^{1}P excitation by electrons calc. from spectral line intensities in uv region 2—5880
He, absolute cross sections for 2^{1}S, 2^{3}S, 2^{1}P, 2^{3}P excitations in 30-60keV He$^+$ collisions 2—5892
He, absolute meas. of lifetime of 4^{1}D level 2—35186
He, auto-ionised ^{1}P$^{(-)}$ states, by electrons 2—722
He, autoionizing states excited by collision with 10-130 keV H$_1^+$, H$_2^+$, H$_3^+$, excitation functions determ. 2—12046
He, by 20-100 keV H$^+$, H, He$^+$, He beams, cross section determ. from spectroscopic analysis of emitted radiation 2—3000
He, by electron impact, resonance structure in 2^{1}P inelastic channel, obs. in energy regions 19.3 to 24.6 eV and above ^{57} eV 2—728

Atoms continued
excitation continued
He, by fast protons, determ. of excitation cross section ratios $\sigma_3 1_p/\sigma_4 1_s$ and $\sigma_3 1_p/\sigma_4 1_d$ and the polarization of 3^1P-2^1S transition 2—5883
He, collisional relaxation process for n=3 states, total loss rates determ. for normal atom collision 2—18351
He, collisional transfer of excitation, singlet-triplet mixing 2—720
He, cross sections for direct excitation of 2^1S and s^1P states by electron impact evaluated in first order approx. 2—24407
He, direct excitation of n=3 triplet states by proton impact 2—5881
He, electron impact excitation, cross sections, applic. of eikonal approx. 2—31728
He, electron impact excitation, 19-24 eV, total cross sections 2—24403
He, electron impact excitation of $2\ ^1S$ state, charge polarization effects 2—15250
He, electron impact excitation of 2^1P state, calc. in DWBA 2—8498
He, electron impact excitation cross section calc. in adiabatic representation 2—8491
He, electron impact meas. of polarization free vacuum uv excitation functions 2—5796
He, electron scatt., rearrangement collision, eikonal approx. 2—18363
He, excitation by fast charged particle, eikonal DWBA analysis 2—5869
He, excited final state prod. in near resonant charge exchange with alkali atoms 2—738
He, excited states in stationery PIG discharge 2—28665
He, H-atom impact, 20 to 120 keV, Lyman-α radiation prod. 2—18311
He, interaction with proton beam meas. of excitation transfer implied by obs. of the population of 3^3D state 2—5882
He, liq., excitation spectrum of small angle scattering of nuclear γ-rays 2—22021
He, metastable 2^1So, effect of elastic field quenching on transition rate 2—12039
He, metastable states produced in electron- bombardment superfluid He, dynamics 2—32299
He, near threshold electron impact excitation of n=2 states, study of trapped electron spectra 2—12041
He, optical electron excitation cross sections of 63 levels meas. at 100 eV, determ. distribution of excitation transfer 2—12042
He, optical excitation functions 2—18362
He, optically pumped discharge, cumulative ionization, source of polarized electrons 2—12049
He, resonance excitation by electron impact, and polarization of resulting radiation, meas. in energy range 55 to 63 eV 2—727
He, resonance ionization by fast electrons, calc. of autoionization states 2—12045
He, role and amount of single triplet mixing calculated 2—5879
He, simultaneous ionization and excitation by 200 eV electrons to n=4 level of He^+ 2—28235
He (2^3S) metastables, production and destruction in high pressure He afterglow 2—24404
He arc, effect on line intensities and temp. 2—24940
He by Li^+, probable dissociation products of π' and Δ' states 2—735
He gas, n=3 states, collision relaxation by associative ionization 2—15251
He gas, n=3 states, excitation transfer by collisions with normal atoms and electrons 2—18364
He ion impact excitation, life-times and cross-sections 2—38858
He ionizing particle per ion pair energy meas., Penning ionization, non-metastable excited states 2—28234
He isoelectronic sequence, radiative transitions 2—21548
He like ions, photoionization cross sections determ. for high energy photons 2—24405
He multiphoton ionization, perturbation theory 2—35188
He multiphoton ionization, two-step processes 2—35187
He nonsymmetric perturbation calculations 2—38857
He in planetary nebulae, triplet state population obs. 2—5057
He^+, 3P-state lifetime determ. from half-widths of r.f. signals 2—5878
HeI lines, electron collision excitation functions, cross section variations 2—8497
^4He, depolarization of metastable 2^3S_1 level by collisions with Ne 2—31727
^4He, for X-ray spectroscopy 2—15216
$He^+ + He \rightarrow He^+ + He(2^3S)$, inelastic differential scattering cross sections 2—732
$He^*(3p, 3P)$, excitation differential cross section in He^+-He collisions, determination using ion-photon coincidence method 2—731
He(2S) singlet and triplet metastables, 150-1600 eV deexcitation by N_2, absolute cross section determ. 2—12053
$He(2^3S)$ metastable, liquid-He configuration around this atom calc. using variational Jastrow function and Percus-Yevick eqn. 2—38859
Hg, by electron impact, differential cross section meas. 2—621
Hg, effective cross sections of excited ion formation in electronic collisions, calc. by meas. line intensities 2—5800
Hg, electron impact excitation of 6^1P_1 state, distorted wave calc. of electron spin polarization 2—622
Hg, excitation functions of the 6^3P_1 and 6^3P_0 levels in a Na-Hg vapour mixture 2—28193
Hg, radiative level shifts and Raman effect under laser irrad. 2—24342
$^{198}Hg + ^{202}Hg$ collisions, population, orientation and alignment transfer 2—24356
^{199}Hg spin relaxation rate dependence on magnetic field 2—630
I, metastable, deactivation in collision with perfluoroalkyliodide molecule 2—8449
In, electron impact, multiple ioniz. and Auger transitions 2—11972
K, $4^2S_{1/2} \rightarrow 4^2P_{1/2,3/2}$ excitation by electrons, differential cross sections with spin analysis 2—18335
K, afterglow discharge plasma, relaxation in presence of reabsorption 2—24355
K, by electron impact, differential spin-flip cross sections 2—623
K, in collisions with diatomic molecules, thresholds and energy dependence of excitation cross sections, meas. from 1 to 10 eV 2—2977
K, multiphoton ioniz. probability, 1.06 and 0.53 μ 2—35157
K, multiphoton ionization, role of multiphoton resonance, two-step four-photon process 2—35158
K, orientation by optical pumping, effect on mol. form. 2—18324
K, photoionization cross section and spin orientation of ejected electrons 2—31677
K, polarized beam, photoionization studied, production of polarized electrons 2—11978
K, principal series oscillator strengths and ground state photoionization cross sections 2—31679

Atoms continued
excitation continued
K electron impact excitation cross sections calc. with regional trial function in variational principle for R matrix 2—24364
K multiphoton ionization at 1.06 microns 2—35153
K multiphoton ionization probability, experiments rel. to theory 2—35159
K plasma, laser diagnostics using selective excitation spectroscopy 2—18642
K^+, by collisions with Ar atoms, cross sections meas. 2—18329
K^+ beam, by scatt. on solid target 2—31678
K^+ collisions with inert gas atoms, study of excitation mechanism, inelastic transitions 2—674
K^+ ion, on collision with He, Ne, Ar atoms, excitation section structure, applicability of three term model 2—38841
$K^+ + Ar \rightarrow K^{+*} + Ar$, collisions, threshold behaviour of excited cross section of KII resonance line 2—2951
Kr, by electron impact, elastic resonance decay modes 2—625
Kr^+, excitation of inner and outer shells in collisions with Ar, inelastic energy losses and ionization 2—2965
Li^+-He colliding system, differential scattering meas. at 0.6-2.0 keV to determine if inelastic excitation occurs 2—734
Li^+-He collisions, 10-75keV, spectral scan from 200-600 nm, obs. of doubly excited LiI levels 2—5801
Li, by electron impact, cross section meas. 2—627
Li, core valence electron configuration in adiabatic approximation 2—8463
Li, electron impact excitation cross sections calc. with regional trial function in variational principle for R matrix 2—24364
Li, electron impact excitation, Glauber theory approx. 2—18336
Li, polarized beam, photoionization studied, production of polarized electrons 2—11978
Mg, inelastic collisions with slow electrons, investigation using crossed beam technique 2—5818
Mg X, 2s→nf transitions, Coulomb-Born I cross sections 2—35151
Mg XI, proton, electron and α-particle collisions in solar corona 2—20708
Mn I, by fluorescence, in long period variable stars 2—20549
Mo, transition probabilities, absolute, 450-510 nm 2—2944
N, energetic long-lived high-Rydberg states produced by electron impact dissociation of N_2 2—2950
N II, fine structure transitions, proton induced, cross sections 2—35160
N ions, electron impact excitation cross sections 2—5822
N^+, collisional excitation cross-sections at 50 keV from He target 2—18344
N^+, K-shell excitations in collisions with Ne and N_2, differential investigation of velocity dependence 2—2967
$N(^2D)$ metastable atoms, production rates in the daytime airglow 2—20379
NII-NV, beam foil spectra, energy level lifetimes det. 2—35142
Na, D-line radiation excitation in collisions with internally excited H_2, D_2, N_2 2—35161
Na, electron excitation cross section and polarization of unresolved doublet resonance radiation 2—5803
Na, electron impact excitation cross sections calc. with regional trial function in variational principle for R matrix 2—24364
Na, electronic excitation in collisions with SO_2 and NO_2 at 1 to 30 eV 2—687
Na, electronic exctiation in collisions with Li^+, Na^+, K^+, cross sections 2—2980
Na, in collisions with diatomic molecules, thresholds and energy dependence of excitation cross sections, meas. from 1 to 10 eV 2—2977
Na, multiphoton ionization probability of atoms, experiments rel. to theory 2—35159
Na, principal series oscillator strengths and ground state photoionization cross sections 2—31679
Na D line reversal, premixed flames, chemiluminescence effects 2—8452
Na^+, K-shell excitations in collisions with Ne, differential investigation of velocity dependence 2—2967
Na^+ collisions with inert gas atoms, study of excitation mechanism, inelastic transitions 2—674
$Na^*(3p^2P)$ D lines obs. on photodissociation of NaI 2—12180
Ne, H-atom impact, 20 to 120 keV, Lyman-α radiation prod. 2—18311
Ne, in He-Ne laser discharges 2—17603
Ne, on electron collision, vac. u.v. spectral obs. 2—18454
Ne, optical excitation functions 2—18362
Ne, optical pumping of J=1-J=1 transition, Hanle effect 2—24358
Ne, photoionization total and differential cross sections, X- and u.v. excitation, calcs. 2—18458
Ne, simultaneous ionization and excitation by electron collision, cross section for 3p states of Ne II meas. 2—5804
Ne IX, proton, electron and α-particle collisions in solar corona 2—20708
Ne VIII, 2s→nf transitions, Coulomb-Born I cross sections 2—35151
Ne^+, K-shell excitations in collisions with Ne, differential investigation of velocity dependence 2—2967
^{20}Ne, for X-ray spectroscopy 2—15216
^{21}Ne, excited levels orientation by optical pumping 2—18331
Ni, from shakeup photoelectron spectra of solid NiO 2—36636
Ni I, lifetime obs. of optical levels using phase shift method 2—31680
O, photoioniz. of positive ions 2—18332
O II and O III multiplet levels with optical cascades, quantum beats in transitions 2—35143
O III, fine structure transitions, proton induced cross sections 2—35160
O ions, electron impact excitation cross sections 2—5822
O resonance radiation in terrestrial airglow 2—13749
O VI, 2s→nf transitions, Coulomb-Born I cross sections 2—35151
O VII, proton, electron and α-particle collisions in solar corona 2—20708
O^+, K-shell excitations in collisions with Ne, differential investigation of velocity dependence 2—2967
O^{5+} lithium like ions passing through C foil target, excitation of metastable autoionizing states, determ. of electron spectra 2—604
$O(^1S)$ effective lifetime in pulsating aurora 2—20388
Rb, photoionization cross section and spin orientation of ejected electrons 2—31677
Rb, principal series oscillator strengths and ground state photoionization cross sections 2—31679
Rb, two-photon, transitions, scattering mechanisms 2—15224
Rb, vapour, 4-photon parametric processes following excitation by 2 lasers 2—606
Rb collisions with inert gas atoms, theory of fine structure transitions 2—21535
$Rb^+ + Ar \rightarrow K^{+*} + Ar$, collisions, threshold behaviour of excited cross section of RbII resonance line 2—2951

Atoms continued
excitation continued
Sc I to Sc III lifetimes of excited levels, spectra from 600 to 6000 Å 2—15225
Si IX, fine structure transitions, proton induced cross sections 2—35160
Si XIII, proton, electron and α-particle collisions in solar corona 2—20708
Sr, inelastic collisions with slow electrons, investigation using crossed beam technique 2—5818
X^+, in charge exchange sollision with Y^- 2—652
Xe, decay in afterglow 2—24359
Xe, photoabsorption spectra, collective effects, study of $5p^6$ shell, excitations into $5p$-nd^1P channel 2—11962
Xe, singly and multiply ionized, excited by electron collision, vacuum u.v. spectra observed 2—8465
YV, energy levels det. from spectra 2—38817
Zn, in low energy collisions with Zn^+ and Cd^+ 2—2982
magnetic moment
see also Gyromagnetic ratio
quantum electrodynamics of neutral atoms between conducting plates 2—8086
Ar hydrogen and helium like ions, forbidden relativistically induced magnetic dipole and quadrupole decays 2—28226
H, dipole oscillator strengths, square of radial integral 2—31712
H^+, absolute value in Bohr magnetons determ. from meas. of electron-proton g-factor ratio in atomic H 2—12022
He-like ions, magnetic quadrupole decay of low-lying n^3P_2 states 2—21547
Mn I, dipole, computed for $3d^54s^2$ and $3d^64s$ configurations 2—20549
Na, $3^2P_{3/2}$ state, crossings of Zeeman sublevels calc. using dipolar magnetic and quadripolar electric interaction constants as parameters 2—18316
structure
see also Hartree-Fock method; Russell-Saunders coupling; Nucleus; Spectra/atoms
$1s^22s^22p^qnl$ atoms, energy level calc. using many channel quantum defect theory 2—5780
$2p^3$ isoelectronic series, multiconfiguration Hartree Fock calculation 2—5777
$2p^4$ isoelectronic series, multiconfiguration Hartree Fock calc. 2—5777
$(nl)^n n'l'$ configurations, magnetic interactions 2—2921
absorption spectra, hyperfine struct. 2—8437
actinides, energies of electronic configurations of singly, doubly, and triply ionized 2—2942
actinides, energy difference between f^qps^2 and $f^{q+1}s^2$ electron configurations 2—592
alignment of excited states due to isotropic irradiation 2—8432
alkali metal halide ions, core electron binding energies from X-ray photoelectron spectra 2—31685
alkaline earths, oscillator strengths and singlet triplet splittings, core polarization corrections 2—31662
autoionization states roots, intersection in multiconfiguration energy bound procedure 2—11941
autoionizing states, position calc. by energy maximization method 2—2925
bound state calc., inclusion of mutual spin-orbit and spin-spin interactions 2—2927
cascade decay curves incorporation into atomic transitions probability measurements 2—591
cation P-orbitals, maximum radial density calc. 2—5776
complex, calc. of perturbed orbital wavefunction giving full polarizability of ground and excited states 2—21489
configuration, $1s^22s^22p^n3p$, non-orthogonal radial orbital appl. 2—28180
configuration $(d+s)^np$, Casmir check for the algebraic matrices 2—28173
configuration mixing in two electron systems, determ. 2—12040
correlation energies, new approach 2—5779
degenerate states, third-order Feynman diagrams 2—31647
density localization of orbitals 2—35124
dipole shielding factors, uncoupled Hartree-Fock perturbation method 2—24313
dressed atom, semiclassical theory of radiofrequency transitions 2—11938
electron config., $s^lp^md^nf^q$, vector-coupling coeffs. 2—18290
electron correlation energy calc. method for closed shell atoms and molecules 2—35109
electron correlation energy calc. using Brenig's method in 2 body approx. 2—18286
electron g^3 configurations in LS coupling 2—18282
electron operator matrix elements, complex configuration, non-orthogonal radial orbitals 2—28179
electron repulsion integrals 2—35108
electron shell, energy operators matrix elements, recurrent relations 2—28177
electronic levels of equation of state for arbitrary temp. and matter density calcs. by relativistic HFS method 2—28185
electrons with parallel and antiparallel spins, relative distributions, locality of effect of Pauli principle 2—38802
electrostatic energy matrices, computer calc. from generalized Rajnak Wybourne identity 2—2923
energy level values, computer program 2—31639
excited level occupation numbers, escape factor, model calcs. 2—35450
first row atoms, loge localization analysis of electronic wavefunctions 2—28168
Frank and Hertz experiment, student practical expt. 2—37546
ground state configurations of the elements E159 and E160 2—28169
ground state energy sublevels perturbed by non resonant light beams, Zeeman light shifts 2—24330
Hartree Fock exchange and statistical free electron approx. analysis 2—15235
Hartree Fock parameters, calc. of electron spin spin contact interaction, mass variation and Darwin relativistic corrections in isoelectronic series 2—24314
Hartree Fock valence orbitals effective, principal quantum numbers from radial moments 2—15197
Hartree-Fock wavefunctions of nominal accuracy calc. by expansion method 2—38797
Hartree-Fock-Slater theory, Herman-Skillman modification 2—5775
Hartree-Fock-Slater wavefunctions, relativistic, eigenvalues, radial expectation values and potentials for $2\leqslant Z\leqslant 126$ 2—572
heavy elements, electronic structure calc. 2—21498
helium-like systems, correlated wavefunctions 2—31724
highly ionized atoms of light nuclei recoiling in vacuum, hyperfine interaction 2—18285
Hund's rule, interpretation 2—38807

Atoms continued
structure continued
hydrogen-like radial orbital applic. 2—28174
hyperfine, corrections for configuration interaction 2—8425
hyperfine level perturbation by electric field, matrix elements of Stark effect 2—15192
hyperfine structure problems, quality of HF results 2—11936
hyperfine-structure interaction, effect of diffuse nuclear charge distribution 2—38803
inner electrons, role in secondary emission from X-ray spectra 2—35120
inner shells vacancies decay, many-electron correls. 2—38801
internal conversion coefficients, L-shell for high energy transitions calc. for several atoms 2—8422
internal conversion coefficients for all atomic shells, computer program 2—21487
ion, core-elctron binding-energy shifts, estimation using equivalence of equally charged cores 2—35223
isoelectronic sequences of 2- to 9-electron atoms, correlation energies anal. 2—18278
isoelectronic series, F(I)...Cu(XXI) wavelengths and oscillator strengths of $2p^5$-$2p^43s$ transition 2—587
K shell electron wavefunctions for complex atoms 2—8428
K shell vacancies, cross section for production in symmetric ion atom collisions calc. using electron-promotion model 2—24376
K X-ray intensity ratios 2—18277
K-mesic atoms, $\bar{K}N$ scatt. length calc. from X-ray transitions 2—34672
l^2 electrons, pair correlation effects 2—35125
l^nl' configurations, two-electron electrostatic effective interactions 2—2922
lanthanides, energies of electronic configurations of singly, doubly, and triply ionized 2—2942
lanthanides, energy difference between f^q ps^2 and $f^{q+1}s^2$ electron configurations 2—592
lanthanides, energy differences between two systems in singly and doubly ionized and neutral 2—590
leptonic atoms, formulae for weak contribution to energy levels 2—5497
many electron atom, interaction with light and electronic interaction 2—28206
many-electron atom, cluster expansion for energy in nth order of perturbation theory 2—8423
many-electron atoms, Pauli approximation, fine-structure splitting 2—35126
many-electron atoms, wave functions and expectation values in model-potential treatment 2—38800
many-electron atoms and ions, complete orbit orbit interaction of ground state, HF method 2—31643
MC-SCF theory, method of one-electron Hamiltonian 2—35106
near metal surface, orbital splitting, surface field analysis 2—6317
metastable state fraction in fast ion beams, determ. by beam attenuation technique 2—11447
minimal basis set radial orbitals improvement 2—28181
multi-electron, photoionization section of 1s and 2s states, computer calcs. 2—31642
multielectron systems, two-particle approximation for Brenig formalism 2—561
muonic atoms transition energies 2—28240
new theories study, application of beam foil spectroscopy 2—2931
ns^2 shell, multiconfiguration approx. 2—18284
open shell ions, self consistent calc. of dynamic polarizabilities and excited state wavefunctions 2—35123
orbits, Thomas precession as evidence for non-Euclidean geometry 2—21493
overlap integral of two atomic electron configurations, non-orthogonal radial orbitals 2—28178
population of high levels at low temps., interstellar medium studies 2—26748
pure elements, Z=6—103, energy level and transition data 2—35121
quasi-hole states, singly-occupied orbit model 2—35122
radial electron-electron distribution functions det. 2—15198
rare earth elements, electronic configurations, energy spectra 2—28182
rare earth ions, $4f^n6s$ configuration, accurate numerical HF SCF wave functions 2—573
rare earth metals, from multiplet splitting in X-ray photoelectron spectra of trifluorides 2—35282
rare earths, $4f^{n-1}6s^26p$ configurations, lowest six-level structures 2—2937
rare-earth ions, expectation values of $\langle r^n\rangle_{4f}$ calc. using self-consistent-field wave functions 2—28184
relativistic corrections for $Z\alpha\sim 1$, Furry representation 2—31655
resonance fluorescence, excited state struct. and lifetimes 2—8436
resonant level population in cylindrical config. discharge 2—18288
screening doublets, in X-ray satellite spectra 2—21490
self-optimized self-consistent-field procedure generalized for atoms 2—24334
shell widths, and fluorescence yields, $37\leqslant Z\leqslant 50$ 2—24328
spectroscopic study 2—583
spin forbidden transition probabilities, enhancement by mag. field 2—15193
spin-orbit interaction and electric dipole moment of moving magnetic dipole 2—194
statistical exchange parameter optimization 2—25725
Thomas-Fermi equation for neutral atoms, complementary variational principles 2—38805
three- and four-electron atoms, polarizability, distinguishable electron method 2—15199
three-electron atoms and ions, perturbation treatment of Hartree Fock equations for resonance states 2—8435
transition metals, first and second series, one-centre quantities for semi-empirical MO calc. 2—3019
two electron atoms and ions, electron-nuclear and electron-electron distribution functions, algebraic determination from Hylleraas type wave functions 2—2996
two electron integrals over hydrogenic functions 2—575
two-electron atoms, electric polarizability, lower-bound procedure 2—31726
two-electron atoms, lower bounds to energy levels 2—5875
two-electron atoms, radiative transition rates from 2p3p ^3P and 2p3d $^{1,3}D$ states 2—18361
vacancy distributions produced by inner-shell excitation 2—24352
valence electron pairs, Hylleraas-type correlated pair functions 2—18281
Al^+, normal config., non-orthogonal radial orbitals applic. 2—28175
Am, core electron binding energies determ. 2—35165

Atoms continued
  structure continued
    Ar, detection of $^3P_2$ metastable states, in gas phase, lifetime meas. 2—15211
    Ar, lifetime lower limits for $^3P_0$, $^3P_2$ metastables 2—21518
    Ar, multiconfiguration close coupling code calculation of autoionizing series 2—15212
    Ar, profiles autoionization states studied in random phase approximation with exhchange 2—11946
    Ar Hartree-Fock calc. of hyperpolarizability 2—11955
    Ar II, transition probabilities and excitation temps. from study of spectral lines 2—21492
    Au I, $5^{10}6p+5d^96s^26p$ configurations, energy level calc. 2—2938
    B, effects of spatial symmetry restrictions on hyperfine splitting constants 2—8442
    B, multiconfiguration self-consistent- field calcs. for several states, determ. term energies and oscillator strengths for allowed transitions 2—28186
    B I, s-p and p-d oscillator strength calc. using frozen core version of Hartree Fock approx. 2—8441
    Ba, lifetime of 5d6p $^1P_1$ level determ. from meas. of Hanle resonance, calc. of absolute oscillator strengths 2—2940
    Ba, oscillator strengths and singlet triplet splittings, core polarization corrections 2—31662
    Be, ^1S ground state, radial moment distribution and Compton determ. 2—11950
    Be, effect of unitary transformations among occupied orbitals, pair energies, relation to perturbation theory 2—35115
    Be, electron correlation energy calc. using Brenig's method in 2 body approx. 2—18286
    Be, multiconfiguration wavefunctions, application of generalized Brillouin theorem 2—8424
    Be, oscillator strengths and singlet triplet splittings, core polarization corrections 2—31662
    Be Hartree-Fock calc. of hyperpolarizability 2—11955
    Be isoelectronic sequence, CI wavefunction oscillator strengths for $^1S \rightarrow {}^1P$ transition 2—11949
    Bk I, Bk II, electron configuration determination from emission spectra 2—21508
    Br, collision induced vacancies by bombardment with I^- 2—15226
    C, 1s binding energy shifts, CNDO pot. model using intermed. level MO wavefunctions 2—35133
    C, effects of spatial symmetry restrictions on hyperfine splitting constants 2—8442
    C, ground state, $^3P_1$ and $^3P_2$ levels, Zeeman effect, Lande factors calc. 2—8450
    C, incoherent-scattering function, comparison of calc. using HF wave function and configuration-interaction wave functions 2—38839
    C, neutral and ionized atoms, electronic structure and term energies 2—585
    C II, s-p and p-d oscillator strength calc. using frozen core version of Hartree Fock approx. 2—8441
    C IV ion, radiative transition probabilities and recombination coefficients 2—21491
    C^{2+} frozen cores approx., electron collision study 2—11951
    C^{3+}, frozen cores approx., electron collision study 2—11951
    Ca, oscillator strengths and singlet triplet splittings, core polarization corrections 2—31662
    Ce I, low odd levels 2—2934
    Ce^{3+}, accurate numerical Hartree Fock self consistent field wave functions 2—35134
    Cf I, Cf II, electron configuration determination from emission spectra 2—21508
    Cl_{II}-Cl_{VII} energy levels and mean lives 2—589
    Cm, electronic configuration and energy level calc. 2—21505
    Cm I, Cm II, electron configuration determination from emission spectra 2—21508
    Co X-XVII, classification of emission lines from $3s^23p^n$—$3s3p^{n+1}$ and $3p^n$—$3p^{n-1}3d$ transitions 2—21519
    Cs, level population due to decay of He-Cs plasma 2—977
    Cs, relative oscillator strengths for transitions in diffuse series 2—8444
    Cs, spin-orbit perturbation in P-state continuum 2—24362
    D, ground state hyperfine separation, study by D atomic maser 2—21044
    Dy, $4f^{10}6s6p$ and $4f^95d6s^2$ configurations 2—35136
    Dy ion, SCF calcs. on X-ray spectra 2—35135
    Es I, Es II, electron configuration determination from emission spectra 2—21508
    Eu, Ab initio HF calculations of core relaxation and screening effects on s-electron density at nucleus 2—21522
    Eu^{3+}, transition probabilities in phosphate glasses 2—29914
    F, 1s binding energy shifts, CNDO pot. model using intermed. level MO wavefunctions 2—35133
    F, effects of spatial symmetry restrictions on hyperfine splitting constants 2—8442
    F, k level, X-ray photoelectron spectroscopy of simple F cpds. 2—35245
    Fe-group, fine struct., extended method of calc. applic. 2—28176
    Fe, X-ray L_{III} spectra, density of states of outer levels, line intensities 2—36915
    Gd^{3+} in Al_2O_3, energy levels, wavefunctions, dipole and quadrupole transitions 2—29852
    H, 2p state population following collision of H and H^+ with N_2 and O_2 2—5868
    H, electronic structure, calc. using hybrid Gaussian type orbital 2—8486
    H, fine structure separation and const. in 2P states, level crossing technique 2—18348
    H, ground-state hyperfine splitting, polarizability correction, rel. to structure functions of inelastic ep scatt. 2—38236
    H, ground state hyperfine structure, bounds to p polarizability contrib. from ep scattering 2—2984
    H, scalar, spinar, mass levels, derivation on basis of micro-noncausal theory 2—38848
    H, Slater radial integrals computation 2—8485
    H, transition probabilities relation to radial overlap using Lie algebra generators of O(3,2) 2—21538
    H^-, electron correlation 2—21546
    H^-, energy of $1s^2$ and $2s^2$ states from classical quantum condition for nonseparable systems 2—7666
    H^{2-}, short-lived resonant state from interaction of H- with electrons 2—35180
    He, 1/Z expansion convergence 2—18307
    He, 1 ^1S, 2 $^{1,3}S$, 2 $^{1,3}P$ states, perturbation calc. of energy and expectation values 2—24401
    He, 4^3P and 5^3P states, transitions between Zeeman levels, diamag. Zeeman effect 2—18360
    He, (1^1S), (2^3S), (2^1S) states, using wavelength calculations 2—8496
    He, difference in energy between singlet and triplet states 2—31722
    He, doubly excited states, line identification from beam foil meas. 2—31725
    He, energy of 1s ^{2} and $2s^2$ states from classical quantum conditions for nonseparable systems 2—7666
    He, fine structure of 2 ^3P level, second-order corrections 2—38856
    He, multiconfiguration wavefunctions, application of generalized Brillouin theorem 2—8424
    He, near threshold electron impact excitation of n=2 states, study of trapped electron spectra 2—12041
    He, ortho, electronic levels investigated by collisional excitation in a plasma 2—12037
    He, radiative transition rates from 2p3p ^3P and 2p3d $^{1,3}D$ states 2—18361
    He, unbound states and asymptotically correct bound states, least squares calc. 2—18355
    He Hartree-Fock calc. of hyperpolarizability 2—11955
    He I, mean life meas. by Hanle effect on high vel. atoms excited in gaseous target 2—2997
    He ion impact excitation, life-times and cross-sections 2—38858
    He isoelectronic sequence, matrix elements of the Breit-Pauli hamiltonian and singlet triplet mixing 2—38855
    He isoelectronic sequence, relativistic corrections to ground state 2—11935
    He isoelectronic sequence up to Fe XXV eigenvalues of bound states calc. 2—12038
    He nonsymmetric perturbation calculations 2—38857
    He^+, 3P-state lifetime determ. from half-widths of r.f. signals 2—5878
    He^+, fine structure splittings S-F, meas. using elec. field induced anticrossing signals 2—5876
    He^+, n=4, fine structure splittings S-D, Lamb shift $P_{3/2}$-$D_{3/2}$ 2—12036
    He^+, n=5, electric field induced anticrossing, fine structure splitting 2—18357
    ^4He, meas. of electrostatic fine structure intervals 7^1D-7F, microwave optical determ. 2—18358
    $He(2^3S)$ metastable, liquid-He configuration around this atom calc. using variational Jastrow function and Percus-Yevick eqn. 2—38859
    Hg, effect of interatomic resonant collisions on lifetime of 6^3P_1 state 2—21509
    Hg I, $5d^{10}6s6p+5d^96s^26p$ configurations, energy level calc. 2—2938
    K, spin-orbit perturbation in P-state continuum 2—24362
    Kr, lifetime lower limits for $^3P_0$, $^3P_2$ metastables 2—21518
    Kr collision induced vacancies by bombardment with I^- 2—15226
    La^+, electronic wave functions by numerical Hartree-Fock SCF method 2—35141
    La^{2+}, accurate numerical Hartree Fock self consistent field wave functions 2—35134
    Li, 1/Z expansion convergence 2—18307
    Li, calc. nonrelativistic energies of first two excited ^2S states 2—18314
    Li, core valence electron configuration in adiabatic approximation 2—8463
    Li, multiconfiguration wavefunctions, application of generalized Brillouin theorem 2—8424
    Li, radial model, lower and upper bounds to energies 2—21511
    Li ground state, double perturbation theory calc. of total and hyperfine interaction energies 2—11957
    Li like ions, electron correlation for ^2S and ^2P states 2—580
    Li sequence, self consistent calc. of dynamic polarizabilities and excited state wavefunctions 2—35123
    $^{6,7}Li^+$-He, single collision conditions, fine structure and hyperfine structure effects studied 2—5844
    Lu I, hyperfine structure and lifetime determ. by level cross technique 2—593
    Mg, multiplet states and location of low lying autoionizing levels 2—11958
    Mg, normal config., non-orthogonal radial orbitals applic. 2—28175
    Mg, oscillator strengths and singlet triplet, splittings, core polarization corrections 2—31662
    Mg I isoelectronic series, nondynamical pair correlation energies of various configuration 2—21512
    Mg^{5+}, outer shell multi configuration approx., energy matrix elements 2—28196
    Mn, r.f. induced transition between Zeeman sublevels 2—2932
    Mo, A=95,97, hyperfine structure intervals of $4d^55s$ $^7S_3$ ground state, nuclear quadrupole moment 2—21513
    Mo, ESCA study of $2p^43d^{10}$ to $2p^33d^9$ transition, L-series 2—31641
    N, neutral and ionized atoms, electronic structure and term energies 2—585
    N, outer shell multi configuration approx., energy matrix elements 2—28196
    N calc. quadrupole coupling constants 2—24316
    N III, s-p and p-d oscillator strength calc. using frozen core version of Hartree Fock approx. 2—8441
    Na, electron scattering, cusp observation due to opening of inelastic 3^2P channel 2—11986
    Na spin flip in ground state, under collision with He atom 2—8457
    ^{23}Na, hyperfine constants of $3^2P_{3/2}$ state, level crossing method 2—11960
    Ne, correlation energy calc. of 1s hole state 2—21515
    Ne, lifetime lower limits for $^3P_0$, $^3P_2$ metastables 2—21518
    Ne Hartree-Fock calc. of hyperpolarizability 2—11955
    Ne^{3+}, outer shell multi configuration approx., energy matrix elements 2—28196
    ^{21}Ne, hyperfine structure of excited states and quadrupole moment, using laser-induced line-narrowing technique 2—24346
    Ni II, odd configurations, theoretical investigation 2—2945
    Ni XI-XVII, classification of emission lines from $3s^23p^n$—$3s3p^{n+1}$ and $3p^n$—$3p^{n-1}3d$ transitions 2—21519
    O, effects of spatial symmetry restrictions on hyperfine splitting constants 2—8442
    O, neutral and ionized atoms, electronic structure and term energies 2—585
    O IV, s-p and p-d oscillator strength calc. using frozen core version of Hartree Fock approx. 2—8441
    O^+, outer shell multi configuration approx., energy matrix elements 2—28196

Atoms continued
structure continued
P, 2p binding energies, correlation with at. charge and group shifts 2—35167
Pr^{2+}, Pr^{3+}, configuration interactions, Trees parameters 2—5793
Rb, spin-orbit perturbation in P-state continuum 2—24362
Rb, spin flip in ground state, under collision with He atom 2—8457
S, X-ray L$_{II,III}$ photoemission spectra fine structure study 2—36909
Sc III, energy level det. from spectra 2—35145
Se, collision induced vacancies by bombardment with I$^-$ 2—15226
Si^{2+}, normal config., non-orthogonal radial orbitals applic. 2—28175
Si^{7+}, outer shell multi configuration approx., energy matrix elements 2—28196
Sm, Ab initio HF calculations of core relaxation and screening effects on s-electron density at nucleus 2—21522
Sn (A=115, 117, 119), hyperfine structure anomalies 2—21527
Sr, oscillator strengths and singlet triplet splittings, core polarization corrections 2—31662
TbI, spectrum, analysis of structure of sextet system of 4f^8(^{7}F)5 of 6s^2 2—21523
Tm$^+$, electronic wave functions by numerical Hartree-Fock SCF method 2—35141
Tm^{2+}, accurate numerical Hartree Fock self consistent field wave functions 2—35134
Xe, A=129, hyperfine structure of 5d[$^7/_2$]$_4$ state 2—18322
Xe, photoabsorption spectra, collective effects, study of 5p^6 shell, excitations into 5p-nd^{1}P channel 2—11962
YV, spectral anal. to give energy level structure and configuration 2—38817
Yb$^+$, electronic wave functions by numerical Hartree-Fock SCF method 2—35141
Yb^{3+}, Yb^{2+}, accurate numerical Hartree Fock self consistent field wave functions 2—35134

Atoms, mesic and muonic
heavy muonic atoms, electric multipole transitions corrections to long wavelength approximaton 2—31733
K-mesic atoms, $\bar{K}$N scatt. length calc. from X-ray transitions 2—34672
kaonic, K$^-$N interaction 2—21555
kaonic atoms, higher order corrections to optical potential 2—21554
kaonic atoms, light, strong interaction shifts and widths of X-ray transitions 2—21556
kaonic atoms, nuclear density distributions 2—15253
leptonic atoms, formulae for weak contribution to energy levels 2—5497
muonic, question of anomalous interaction discussed 2—11578
muonic atoms transition energies 2—28240
nonspherical hadronic atoms, second-order vacuum polarization energies 2—18368
pionic, atomic deexcitation studies checked by radiative pion capture in ^{4}He 2—11848
radiationless muonic transitions, rel. to excitation of nuclear deformation vibrations 2—18075
K- mesonic atom spectra, role of K- nucleus optical potential from study of shift and width data 2—35191
μ^+ spin in saturated hydrocarbons and methanol 2—12061
$\mu^+\mu^-$ bound system, vacuum polarization corrections to hyperfine structure 2—24412
Σ hyperonic, probability of formation when K- meson is stopped in various elements 2—12062
^{209}Bi, analysis of muonic atom isomer shift 2—12063
^{209}Bi, muonic, nuclear excitation rel. to hyperfine spectra of L and K X-rays 2—18370
H, in semiconducting and dielec. substances, dimens. modification 2—28225
H, pionic, X-ray yields 2—742
H μ-mesic, and (g-2) of muon, meas. of Lamb shift as possible test of electron propagator 2—38200
^{4}He, liq., measurement of emitted kaonic X-rays 2—3013
^{115}In, muonic, 2s$_{1/2}$ to 2p$_{1/2}$ transition, magnetic hyperfine splitting 2—741
^{207}Pb, analysis of muonic atom isomer shift 2—12063
^{205}Tl, muonic, resonance processes and nuclear excitation rel. to L and K X-rays 2—18371

Attenuation *see Absorption*

Auger effect
atoms, yields for 2p shell 2—584
atoms with 5$\leqslant$A$\leqslant$103, Auger electron energies (0 to 2000 eV) rel. to Auger spectroscopy surface studies 2—31681
Auger spectroscopy, principles, techniques, and appl. to surface analysis 2—6303
backscattering effects in electron-induced spectra 2—33095
caesium halides, rel. to excitonic struct., in photoelectric yield 2—19802
chemical shifts during monolayer adsorption 2—39542
double-ionization effects on Auger rates for filling atomic K-shell vacancies calc. by Gryzinski methods 2—31682
electron ejection processes at solid surfaces, validity of potential energy diagram and Franck Condon principles 2—22651
electron energy distribution peak shift, high resolution measurement 2—6912
electron spectroscopy, chem. effects 2—35863
electron spectroscopy, review 2—10670
electron spectroscopy, surface chemical analysis 2—9242
electron yield, beam energy depend., normal and glancing incidence 2—25172
glass, surface composition study 2—29003
hot-hole electron cascades in field emission 2—19795
ion-neutralization spectroscopy, interrelation of physics and mathematics 2—3483
M-shell Auger electron spectra 2—24332
metal surface, intensities of Auger lines excited by electron and X-ray irrad. 2—12638
metal surfaces, distinction between adsorbed sulphur and sulphides 2—39557
metals and semiconductors, Auger transitions studied in spectrum of secondary electron emission 2—33094
molecules, Auger dissociation in collisions with multiply charged ions 2—868
molecules, gaseous, X-ray photoionization, relative abundances and recoil energies of fragment ions 2—28310
photoconductivity, noise, band to band Auger processes 2—19781
plasmon gain peaks in spectra, time mechanism 2—6924
potassium halides, rel. to excitonic struct. in photoelectric yield 2—19802

Auger effect continued
rates for 2p shells of Z=12—55 and 60, 65, 70, 75, 80, 85 atoms 2—578
rubidium halides, rel. to excitonic struct. in photoelectric yield 2—19802
semiconductor, impact ioniz. and Auger recomb. quadruplets 2—33096
semiconductor, indirect gap, band-to-band recombination 2—7089
semiconductor surface, spectroscopy metal surface, spectroscopy 2—1503
silicates, surface struct., Si peaks 2—25180
spectral lines in X-ray photoelectron spectroscopy 2—35164
spectrometer combined with secondary ion mass spectrometer 2—38786
spectroscopy, applic. of spherical-grid-retarding potential analyzer 2—31004
spectroscopy, material and structural analysis, applic. to glass research 2—22141
spectroscopy, principles and applications, review 2—35866
spectroscopy, surface chemical analysis, comparison with Auger electron spectroscopy and appearance potential comparison 2—9233
spectroscopy, technique description, technical applications 2—6294
spectroscopy for film thickness and ion etch rate det. 2—29019
stainless steel, spectral obs. of CO and S sorption and effect of Au coating 2—39558
steel, temper embrittlement, segration, Auger spectroscopy 2—3897
surface, electron spectroscopy, X-ray impact 2—6309
surface chem. profiles, Auger spectroscopy obs. 2—39452
transition metal, combined Auger and charact. loss spectra obs. 2—3484
transition metals, spin exchange splitting in Auger spectra 2—11983
transition probabilities to 2s state for 33$\leqslant$Z$\leqslant$85 atoms 2—2930
transition rate in mixed coupling scheme 2—24361
zircaloy-2(-4), Auger spectroscopy obs. of surface 2—39472
Ag, polycrystalline, contamination by S adsorption from SO$_2$, spectra obs. 2—39552
Ag atom, electron ejection during transition cascade 2—11972
Ag surface, intensities of Auger lines excited by electron and X-ray irrad. 2—12638
Al, {110} surface; spectroscopy 2—32333
Al, oxygen covered and Cu covered surfaces 2—12643
Al, spectra 2—6325
Al thin film growth on Mo, electron spectroscopy 2—12655
Ar$^+$-Ar collision, correlation between no. of slow electrons ejected and energy of fast coincident electron 2—35130
Ar$^+$-Ar collisions, L-shell Auger electron emission, energy spectra 2—660
Be, oxidised, Auger electron spectra for various degrees of oxidation 2—6327
BeO surface, energy levels, density of states 2—33097
C thin foils, light ion bombardment, secondary electron velocity distribs. 2—24317
C$^+$, collisions with N$_2$ and Ne, at keV energies, KLL Auger electron emission 2—663
Ca to Th atoms, transition rates and yeilds 2—24311
Co, LLM and LMM transitions 2—13361
Cu-(14.3 wt.%)Al alloy, equilib. surface segregation, Auger electron spectroscopy meas. 2—25625
Cu-Al alloy, equilib. surface segregation, Auger electron spectroscopy meas. 2—25627
Cu-Al(Sn) alloys, surface segregation 2—22303
Cu-Ni alloy, comp. depend. 2—12646
Cu, chemisorption of H$_2$S Auger peak heights 2—3560
Cu, LLM and LMM transitions 2—13361
Cu crystal, (110) surface reaction of adsorbed O$_2$ and S, electron spectroscopy 2—9248
Cu surface, intensities of Auger lines excited by electron and X-ray irrad. 2—12638
Fe-Al alloys, surface segregation 2—22303
Fe, adhesion of metals to clean surface 2—39974
Fe, Auger spectroscopy obs. of friction, adhesion, wear, and lubrication 2—39848
Fe metal surface, intensities of Auger lines excited by electron and X-ray irrad. 2—12638
n-GaAs-p-AlGaAs heterojunctions, Auger effect and radiative recombination 2—10086
In atom, electron ejection during transition cascade 2—11972
KI, X-irradiated, role in thermostimulated phenomena 2—33323
Mo, adsorption of Rb, electron spectroscopy 2—12684
Mo film, sputter deposition and removal from metal surfaces, electron spectroscopy obs. 2—39514
N$^+$, collisions with N$_2$ and Ne, at keV energies, KLL Auger electron emission 2—663
Nb, surface, morphology, purity, Auger surface analysis 2—39462
Nb surface struct. rel. to supercond. r.f. cavity design 2—32943
Ne$^+$, collisions with N$_2$ and Ne, at keV energies. KLL Auger electron emission 2—663
Ni, surface desorption of H$_2$, spatial distrib., comp. and orientation effect 2—25231
Ni S surface diffusion study 2—3499
Ni surface, of C 2—3500
O$^+$, collisions with N$_2$ and Ne, at keV energies, KLL Auger electron emission 2—663
P$^+$-Ar collisions, electron energy distribution for fixed impact parameters 2—693
Pt, (111) surface, carbide overlayer, LEED 2—6385
SAl(111) surface, adsorption of O$_2$, Auger electron spectroscopy 2—6386
Sc, LLM and LMM transitions 2—13361
Si film, epitaxy, by silane pyrolysis, HEED and Auger spectroscopy obs. 2—39523
Si film, homoepitaxial, quality, Auger spectroscopy obs. 2—39528
SiO$_2$ surface layers, chemical shift obs. 2—29006
Si(111) faces, LEED obs. 2—39470
Si(111) surface structure, LEED, Auger spectroscopy 2—3502
Sn surface, intensities of Auger lines excited by electron and X-ray irrad. 2—12638
W, adsorption of gas, cleaning, Auger electron spectra obs. 2—29011
W, adsorption of O$_2$, electron spectroscopy study 2—35926
ZnO surface, Auger spectroscopy 2—29012

Auger showers *see Cosmic rays/showers and bursts*

Aurora
see also Airglow; Atmospheric spectra
acoustic, microbarograph records of infrasonic events 2—37196
activity during the geomagnetic storm of 8 March 1970 2—7347
arc, field aligned particle currents 2—16887
arc, obs. of particle fluxes and currents 2—20387
arc, obs. of related Birkeland current 2—20392

Aurora continued
arcs, quiet, mechanism 2—4706
dayside, applic. of models of open magnetosphere 2—20366
diffuse, electron flux variations rel. to proton flux variations 2—20391
electric currents in and around 2—1889
electric discharges in laboratory as model situation 2—26549
electric fields and plasma distributions 2—13753
electron, polar cap, particle precipitation 2—13754
electron flux profiles, 40 kev, premidnight asymmetry 2—13755
electron precip., flux modulation 2—13752
electron precipitation events, obs. before and at onset of negative magnetic bays 2—13756
electron-fluxes, obs. from a synchronous and a polar satellite 2—20385
electrons, highly collimated short duration bursts, obs. rel. to models 2—16886
fast auroral waves, observational report 2—30325
geographical distribution for 30 substorms during IQSY (1964-65) and IASY (1969), N. polar regions 2—20389
height obs., latitude and time variation in ppted. electron energy 2—20386
hiss, v.l.f., rocket obs. 2—4708
impulsive precip. of anisotropic flux of low energy electrons 2—10745
ionosphere, ionization redistribution 2—26539
ionospheric F-layer irregularities, field aligned, backscatter sounding obs. 2—30360
ionospheric F-region, low energy electron precipitation 2—30324
i.r. and oxygen atmospheric bands 2—13751
magnetic field contributions to effect 2—26581
magnetically conjugate phenomena, ground-based and airborne observations 2—7328
magnetospheric TBF blast, seasonal variations 2—22987
micropulsations, Pc 1-2 and IPDP at the auroral zone 2—13798
midlatitude arcs of 6300 Å (O I) on concurrent ionospheric current system during recovery phase of geomagnetic storms 2—23040
midlatitude observation, correlation with solar activity 2—10746
morning-night sectors of auroral oval, rel. to geomagnetic field variations 2—23039
optical, book 2—30326
oval, poleward expansion during substorms 2—16885
particle obs., efficiency of channel electron multiplier for 0.2-10 keV 2—2638
particle outpourings durigng substorms of March 24 and 30 1968 and lower ionosphere disturbance 2—26530
particle precipitation, bottomside ionosonde, simultaneous satellite measurements 2—23027
photoelectrons to thermal electrons, analytic expression for energy transfer rate 2—16884
photographic and photometric observations, midday oval, cusp region and polar cap 2—16889
polar, calibration of photometer intended for studying emissions 2—27606
poleward expansions of substorms, generation of infrasound waves 2—37195
proton, effect of ring current and polar electrojet on oval 2—40987
pulsating, frequency and rel. to other characteristic parameters 2—30328
pulsating, intensity ratio I(5577)/I(4728) and effective lifetime of O(^{1}S) atoms 2—20388
pulsating, morphology of displays 2—22995
radio, application to ionospheric electric fields obs. 2—33509
radio, discrete, theory 2—40986
radio, ion-acoustic waves and aspect sensitivity 2—40988
red arc, excited by electric field, time dependent behaviour 2—40990
SAR arc, λ5577[OI] and $\lambda 4278 N_2^+$ emissions 2—20390
secondary electron spectra, emission rate det. 2—22997
spectrophotometric measurements 2—33508
spectrophotometry, colorimetry, brightness, obs. from space 2—7241
stable red arcs, during geomag. storms, structure 2—20384
subauroral red arcs, upper atmosphere as regulator 2—40989
substorms, relation between magnetic disturbances and auroral luminosity 2—22994
substorms, space-time patterns of development 2—22993
synchrotron radiation from incoming auroral electrons, total power calculation 2—13758
thermosphere storms, empirical model 2—20410
upper atmosphere heating 2—13757
X-ray bremsstrahlung meas. in midnight sector during March 8, 1970 storm 2—30323
X-ray spectra, energies opto 200 keV, balloon measurements 2—22996
N_2 vibrational distribution, theoretical 2—4707
N_2 vibrational population at $A^3\Sigma_u^+$ and $B^3\Pi_g$ states 2—16888
N_2^+ u.v. emissions, spectrophotographic recordings from rocket 2—30327
$N_2A^3\Sigma_u^+$ molecules, deactivation, atmospheric model 2—10747
N(^{2}D) quenching reactions by O_2 and N_2O, temperature coefficients 2—16881
Na D-line radiation, excitation by Na collisions with internally excited H_2, D_2, N_2 2—35161

Austenite *see Iron alloys; Steel*

Autoionization *see Ionization*

Avogadro's number *see Constants*

Axicons *see Lenses*

Backscattering *see Scattering, particles; and under 'scattering' subheadings of the appropriate particles*

Backward wave oscillations *see Electromagnetic oscillations; Electron tubes*

Balances
checking fourth class master standard weights of 500 kg mass 2—17171
crystal, for piezogravimetric method of obs. of physical adsorption 2—25223
electronic microbalance, high stability for diffusion coeff. meas. 2—36072
Faraday mag. balance calibration 2—1600
Faraday magnetic, variable temperature type 2—37882
for force characteristics of elastic sensitive elements meas. 2—23222
fuel pin weighing in highly radioactive environment 2—5762
microbalance, vacuum, factors causing readings fluctuations and their elimination 2—16
moving coil weighing leads, automatic recording of rapid mass variations 2—23221
osmotic balance for determ. of low osmotic pressures of polymer solns. 2—28831
piezoelectric quartz microbalance, temperature range expansion 2—27028
for powder characterization by adsorpt., automated apparatus 2—22079
quartz crystal, use for outgassing and opt. contamination meas. 2—41413

Balances continued
recording, for very heavy loads, magnetically supported moving system 2—17172
sedimentation strain gauge microbalance 2—17170
static errors of equal-arm prism scales and automatic balancing 2—20802
tensometric weighing system for heavy moving road vehicles 2—20801
thermogravimetric apparatus from standard units 2—20800
torsion, factors determining quality in air and vacuum 2—27027
torsion, with air bearings, for obs. of mechanical props. of polymers 2—22310
torsion microbalance, sensitivity increasing by electric fields 2—37560

Ballistics
see also Impact
microballistic range for drag coeff. determ. for particles in rarefied, low-Mach number flows 2—24629
transfer trajectories, minimum impulse, specified transfer time 2—30395

Band theory of solids *see Crystal electron states/band structure; Solids/theory*

Bardeen-Cooper-Schrieffer theory *see BCS theory*

Barium
adsorbed on CaO, effect on thermionic emission 2—29784
adsorbed on W emitter surface, work function calc. 2—19794
adsorption on W, optimal coverage 2—3557
atom, electron impact excited resonance transitions, minima in generalized oscillator strengths 2—5816
atom, electron impact ionization, cross section meas. from threshold to 200 eV 2—5819
atom, inelastic collisions with slow electrons, investigation of ionization and excitation using crossed beam technique 2—5818
atom, metastable, photoioniz. 2—18327
atom, oscillator strengths and singlet triplet splittings, core polarization corrections 2—31662
atom, reactive collisions with O_2, angular distribution meas. 2—4576
atoms, lifetime of 5d6p $^1P_1$ level determ. from meas. of Hanle resonance, calc. of absolute oscillator strengths 2—2940
atoms, merging beam studies of ion-molecule reactions with O_2^+, N_2^+, NO^+ 2—12006
atoms, reactive scattering with O_2, study in crossed beam experiment 2—662
clouds striation formation, growth from release at 194 km 2—13733
diffusion, in MgO, up to 2500°C, enthalpy of motion detn. 2—25469
electron binding energies, determ. from secondary electron yield spectrum 2—13360
excitation by electron impact of resonance lines 2—11948
ion clouds, laser radar detection, dye laser tuned to Ba II resonance line 2—30351
liquid, elec. cond. meas., thermal cond. estimation, 993-1500K 2—18850
mean residence times and atomic desorption as fn. of O_2 surface coverage 2—35904
plasma, ion temp. obs. using Zeeman scanning technique 2—32046
shock melting and vaporization 2—39420
superconductivity, critical temperature, press. depend., 100-200 kbar 2—22508
Ba atoms, collisions with O_2^+, N_2^+ and NO^+, merging-beam studies, determ. cross sections and kinetic energies of products 2—12005
Ba II lines, Stark broadening, in electric shock tube plasma 2—5783
Ba^+, ionization by electron impact, autoionization structure 2—2954
Ba^+ ion source, surface ionization type for collision extps. 2—34356
Ba^{2+}, diffusion in MgO, short circuit mechanisms 2—3823
Ba^{2+}, in KCl:NO_2, effect on low temp. spectra 2—16492
BaI, BaII, atomic beam lines, linewidth studied with spherical mirror Fabry-Perot interferometer 2—5795
BaII stars, study of λ4554 line as means of classification 2—4847
CaF_2:Ba, X-irrad., optical absorp., F_{ae} centres 2—33256
KCl:Ba, X-irrad., optical bleaching and F- to M-centre conversion 2—22231
KCl:Ca, Sr, Ba, thermal electric alignment and Stark effect of Z_1-centres 2—20040
SrF_2:Ba, X-irrad., optical absorp., F_{ae} centres 2—33256

Barium compounds
BaO-RuO_2 system, high press. synthesis of $(ABX_3)(AX)_n$ compounds 2—18967
Luna 16 soil conc. 2—20664
stearate, film, thickness dependence of dielectric breakdown 2—4278
Ba-Cu, system, thermal and differential thermal analysis, phase diagram 2—3955
Ba-Fe-S(Se) system, cpd. formation, structural chemistry and mag. props. 2—9332
$(Ba,Sr)Si_2O_5:Eu^{2+}$ phosphor for fluorescent lamps 2—11524
$BaAl_{12}O_{19}$, doped with Fe group ions, absorption spectra, valency and coord. nos. of impurity ions 2—1687
$BaAlSi_2O_6(Cl,OH)$, synthetic, cryst. struct. 2—9453
$Ba_2B_5O_9Cl(Br)$, crystal structure, preparation 2—9451
$BaBiO_3$, prep., elec. and mag. props. 2—4206
$BaBr_2$, electrolytically coloured, F-centre obs. by e.p.r. 2—9600
$BaBr_2.2H_2O$ and $BaBr_2.2D_2O$, far-i.r. absorpt., deuteration effects, vibrs. obs. 2—22756
$BaCO_3$, Tn nuclear recoil, knock out effects, emission probability 2—25702
$BaCO_3$ decomposition, solid state reaction kinetics appl. 2—36253
$BaC_2O_4.2H_2O$, determ. of crystal structure 2—25327
$BaCeO_3$, cryst. struct., lattice parameter relations, ionic radii effects 2—32443
$BaCl_2$, electrolytically coloured and X-ray irrad., F-centre obs. by e.p.r. 2—9600
$Ba(ClO_3)_2$, n.q.r., temp. depend. of freq. 2—8585
$Ba(ClO_3)_2.H_2O$, elec. field gradient tensor parameters, from Zeeman split n.q.r. spectra 2—33359
$Ba(ClO_3)_2.H_2O$, temp. dependence of n.q.r. frequencies from 77 to 350K 2—37018
$Ba(ClO_4)_2.3H_2O:MnO_4^-$, mag. circular dichroism spectrum of MnO_4^- at 4.2K 2—36870
$BaCl_2 2(ONH_3)$ i.r. absorption spectra, vibrational analysis 2—15294
$BaCl_2.2H_2O$, i.r. spectra, optical phonons, water orientation, 80-473K 2—40041
$BaCl_2.2H_2O$, Zeeman effect study of n.q.r. 2—13559
$BaCl_2.2H_2O$ and $BaCl_2.2D_2O$, far-i.r. absorpt. deuteration effects, vibrs. obs. 2—22756

Barium compounds continued
- $Ba_3Co_2Fe_{24}O_{41}$ and $Ba_3CoZnFe_{24}O_{41}$, n.m.r. of ^{57}Fe, magnetiz. reversal, domain walls 2—30024
- $Ba_2Co_2(Ni_2)Fe_{12}O_{22}$, n.m.r. of ^{57}Fe, cone mag. struct. 2—10543
- $Ba_2Cr_{7-x}O_{14}$ $(x \simeq 0.5)$, 12-layer struct. determ. 2—39632
- $BaF_2:Eu^{2+}$, ENDOR meas. of hyperfine and transferred hyperfine interaction 2—40756
- $BaF_2:Eu^{2+}$, ENDOR obs. of hyperfine interactions 2—30030
- $BaF_2:Sr$, X-irrad., optical absorp., F_{ae} centres 2—33256
- BaF_2-CaF_2 eutectic-impregnated W, Mo and Co-Mo alloy, friction and wear obs. 2—12917
- BaF_2-SrF_2 system, liquidus and solidus, DTA, X-ray diffr. 2—1407
- BaF_2, anharmonicity, temp. and press. depend. 2—13022
- BaF_2, critical point analysis of second-order Raman spectra 2—40691
- BaF_2, depth and temperature dependence of channelling effect studied by interactions of fast proton with subllatice 2—32863
- BaF_2, far-u.v. reflectivity spectra, electronic struct. 2—13457
- BaF_2, ionic distortions of Tm^{2+} trigonal centres 2—40589
- BaF_2, photoelastic consts. 2—29870
- BaF_2, piezobirefr. coeff., energy band deform. pot. 2—26167
- BaF_2, piezobirefringence in vac. u.v. 2—16470
- BaF_2, proton channelling in $\langle 111 \rangle$ direction, comparison with CaF_2 2—29574
- BaF_2, u.s. attenuation eval. 2—40061
- BaF_2 Gruneisen parameters, calc. from lattice dynamical shell model 2—19435
- BaF_2 single crystal, energy loss of channelled protons 2—19480
- BaF_2 thermoluminescence in det. of radiation quality 2—38385
- $BaFeF_5$, cryst. struct. 2—9452
- $BaFe_{12}O_{19}$, coercive force, ang. variation 2—26033
- $BaFe_{12}O_{19}$, mag. sublattices, Mossbauer method 2—29882
- $BaFe_{12}O_9$, chemical polishing with H_3PO_4 2—1159
- $BaFe_{12}O_9$ dependence of domain structure of magnetics on temperature 2—1617
- $BaFe_2O_4$, polymorphism, X-ray study 2—39980
- $BaFe_{12-2x}Zn_xTi_xO_{19}$, Mossbauer effect, mag. hyperfine fields, Zeeman patterns 2—33216
- $BaI_2.2H_2O$, n.q.r. of ^{127}I, struct. relns. between iodide, bromide and chloride dihydrates 2—30035
- $Ba_2MgGe_2O_7:Nd$, luminescence properties, exp. data 2—16617
- $Ba_2MgGe_2O_7$, laser host cryst., top-seeded soln. growth 2—12696
- $Ba_{0.25}Mg_{2.75}Y_2Ge_3O_{12}:Nd^{3+}$, optical spectra and laser action 2—16616
- $Ba(MnO_4)_2$, refinement of crystal structure 2—25326
- $BaMnO_3(2H)$, polymorphism, cryst. and mag. structs. 2—19918
- $Ba(NO_3)_2$, anharmonicity 2—19354
- $Ba(NO_3)_2$, elastic and dynamic props. 2—32574
- $Ba(NO_3)_2$, first and zero sound 2—19411
- $Ba(NO_3)_2$, shock wave induced luminesc. 2—10417
- $Ba_2Na_{1-x}Li_xNb_5O_{15}$ crystal growth and ferroelectric properties 2—29097
- $BaNaNbO_3$ for storage of phase holograms 2—21121
- $Ba_2NaNb_5O_{15}$, catastrophic surface damage during intracavity freq. doubling for Nd:YAG laser 2—29869
- $Ba_2NaNb_5O_{15}$, refractive indices meas., temperature dependence obs. 2—10302
- $Ba_2NaNb_5O_{15}$, second harmonic generation, dielec. consts., electro-optic coeffs. 2—13315
- $Ba_2NaNb_5O_{15}$ as intracavity nonlinear element for Nd:YAl garnet laser 2—281
- $Ba^{2+}Ni_{2-y}Co_yFe_{16}O_{27}$, hexiferrite, mag. anisotropy energy, 75-750 K 2—36740
- BaO:OH, thermoluminesc., OH anion effects 2—29978
- BaO-B_2O_3 glass, effect of liquation on mech. and viscous props. 2—35848
- BaO-Ln_2O_3 system, (Ln=rare earth), phase relations, DTA and X-ray analysis 2—12991
- BaO-SiO_2 glass, γ-irrad., e.p.r. and absorpt. spectra 2—30015
- BaO-ThO_2 system, refractory, charact. using specially designed furnace 2—30719
- BaO-TiO_2-Al_2O_3 system, ternary cpd. identification, X-ray anal. 2—29462
- BaO-W system, work function, temp. depend., 700-1400K 2—1586
- BaO, $A^1\Sigma - X^1\Sigma$ system, Franck-Condon factors, $\bar{r}$-centroids and oscillator strength 2—15286
- BaO, e.p.r. of Mn^{2+} in trigonal sites 2—13533
- BaO, elec. cond., thermal e.m.f. and thermionic emission 2—29659
- BaO, microwave optical double resonance spectroscopy 2—35231
- BaO, nonstoichiometric, p-T-x diagram construction 2—35843
- BaO, point defects obs. using e.p.r. 2—6478
- BaO, positron lifetime correlations 2—4150
- BaO, prod. by action of N_2O or NO_2 on metal crossed beam chemiluminescence studies 2—10457
- BaO, radiative lifetimes and quenching cross sections of $A^1\Sigma$ state from fluorescence decay 2—8584
- BaO, release at 170 km rotational and vibrational temps and spectrum 2—10744
- BaO films on Mo, evap., temp. and degree of coverage depend. 2—6383
- $BaO(S):Eu^{2+}$ dil. solid solns., e.p.r. linewidths 2—7118
- $Ba_{10}(PO_4)_6(OH)_2$, hydrothermally prepared, vibr. spectra 2—16527
- $BaPrO_3$ cryst. struct., lattice parameter relations, ionic radii effects 2—32443
- BaS:Bi phosphors, thermoluminescence, trap depth evaluation from glow curves 2—36952
- BaS, dynamic ionic charge determ. from i.r. spectra and static dielec. props. 2—22396
- $BaSO_4$, crystn., disorder and ageing 2—36292
- $BaSO_4$, pulverized, active centres, e.p.r., thermolum. 2—10522
- $BaSO_4$, single crystal growth by flux evaporation method, effect of cooling rate on morphology 2—3571
- $BaSO_4$ substrate, charge voltage effects on photoelectron spectra of Au and Pd 2—13359
- $BaSb_2O_6$, i.r. absorpt., cryst. chem. 2—26161
- $BaSc_xFe_{12-x}O_{19}$, anisotropy const. and specific magnetization 2—29828
- $BaSi_2O_5:Pb$, electron beam ageing 2—26247
- $BaSiO_3$-Nd_2SiO_5 amorphous system, apatite phase, i.r. spectra, comp. depend. 2—18894
- $Ba_2SiS_4:Eu^{2+}(Ce^{3+})$, cathodoluminescence 2—10451
- (BaSrCa)O, mixed oxide, evaporation of components during emission current take-off 2—33085
- $Ba_xSr_{1-x}Nb_2O_6$, pyroelec. voltage response to rectangular i.r. signals 2—33064
- $Ba_xSr_{1-x}Nb_2O_6$ solid solution cryst. growth, stability regions 2—25271
- $BaSuGe_3O_9$, $BaSuSi_3O_9$, $BaSu(Ge_{3-y}Si_y)O_9$, atomic positions 2—25334

Barium compounds continued
- $BaTbO_3$, cryst struct., lattice parameter relations, ionic radii effects 2—32443
- $Ba_4Ti_{13}O_{30}$, crystal structure determ. by powder crystallography and electron microsonde analysis 2—12717
- $BaVO_3$ structure, magnetic props. 2—3740
- $BaWO_4$, e.p.r., radiative paramag. defects 2—13534
- $BaWO_4$, flux growth forms 2—1212
- $BaWO_4$, thermal expansion, rel. to cryst. chemistry 2—22430
- $Ba_3(XO_4)_2$, X=P, As, V, Cr, Mn, i.r. and Raman vibr. spectra, interpretation based on crystal structure 2—8586
- $BaYF_3$ i.r. to visible converting phosphors, Er activated, ultimate efficiency 2—40720
- $BaYF_5$ and BaY_2F_8, i.r.-visible conversion by rare earth ions 2—26222
- $BaYb_2F_8:Er$, up converting phosphor, X-ray induced variation of Yb^{3+} sensitizer time const. 2—20101
- $Ba_2Zn_2Fe_{12}O_{22}$, large amplitude oscillations of magnetic moments at 96 MHz, hyperfine field collapse, obs. using Mossbauer spectra 2—10226
- $BaZn_{1/3}Nb_{2/3}O_3$-$PbZn_{1/3}Nb_{2/3}O_3$-$PbTiO_3$, dielec. and piezoelec. props. 2—25937
- $BaZrO_3$, band struct., from diffuse refl. spectra 2—1526
- α-$Ba_2[Al_4(OH)_{16}]$, cryst. struct. 2—29136
- γ-$Ba[AlO(OH)_2]_2$, cryst. struct. 2—35979
- $Ba[Pt(CN)_4].4H_2O$, anisotropy of chem. shift of ^{195}Pt nmr signal, position of Pt in unit cell 2—26307
- $CaBaGe_2O_6$ host lattice, luminescence of phosphors 2—4503
- CaF_2 and BaF_2 polycrystalline material, thermal expansion measurements from 10 to 300K 2—36356
- Li_2O-BaO-Al_2O_3-SiO_2 system, phase equilib., permittivity, dielec. losses, specific vol. resist. 2—16266
- $(Pb,Ba)Nb_2O_6$, solid soln. reciprocal tetragonal and monoclinic phase transitions elec. field induced 2—1402
- $PbNb_2O_6$-$BaNb_2O_6$ ceramic system, dielec., piezoelec., and pyroelec. props. 2—29739
- $SrBaGe_2O_6$ host lattice, luminescence of phosphors 2—4503
- $Sr_{1-x}Ba_xNb_2O_6$, grown in Pt crucible, epitaxial Pt particle contamination 2—39579
- **barium titanate**
  - *see also Ferroelectric materials/barium titanate*
  - ceramic, liquid phase sintering, exaggerated grain growth 2—1374
  - ceramic, O_2 self diffusion 2—12814
  - ceramic oxidation and reduction by O_2 plasma, F-centre formation 2—13576
  - cubic phase, second optical harmonic generation 2—33192
  - disordered, cryst. struct., diffuse X-ray scatt. 2—9375
  - electron emission over dielectric in vacuo 2—35605
  - film, r.f. sputtered on Si, physical and elec. props. 2—40347
  - LEED of (001) surface, temp. depend., 20—650°C 2—6321
  - nonstoichiometric, defect struct., from elec. cond. 2—15751
  - positive temperature coefficient of resistance, Nb_2O_5 and MnO_2 additives effect 2—36494
  - proton channelling, critical angles and min. yield 2—29573
  - semiconducting ceramic, barrier layer formation, Mn^{2+} diffusion 2—13219
  - surface structure on (001) face, LEED, temp. depend. 2—6319
  - thermodynamic props., expansion coeffs., O comp., cryst. struct. 2—32444
  - twinning, rel. to parallel interference fringes 2—35980
  - Au-$BaTiO_3$ cermets, secondary electron emission 2—10163
  - $BaTiO_3:Nb$, Nb distrib. rel. to grain growth 2—1269
  - $BaTiO_3:Nb$ ceramics, small- grained and large-grained, preparation 2—3968
  - $BaTiO_3$-$CdSe$, piezoelec. ceramic, two-layer system, u.s. amplification and absorpt., electron phonon interaction 2—13032
  - $BaTiO_3$, polycryst. nonstoich., high temp. elec. conductivity 2—13218

Barkhausen effect *see Magnetization process*

Barnett effect *see Gyromagnetic effect*

Baryons
- *see also Hyperons; Nucleons and antinucleons*
- Aleph, existence in cosmic ray interactions at 10^{12} eV 2—23907
- baryon-antibaryon productions, nuclear interactions at few TeV energy 2—38295
- black hole physics, transendence of law of baryon number conservation 2—17194
- collapsed nuclei, baryon model 2—8265
- decay widths, approximations 2—8189
- diffractive dissociation into three particles 2—364
- electromagnetic form factors investigated in ur-citon scheme 2—23880
- exchange in inclusive single-pion production processes shapes of spectra 2—38297
- higher couplings, for pseudoscalar and vector mesons, recoil effects in model 2—8183
- interpolating fields, closed linear algebra 2—17791
- magnetic moments, generalised unitary symmetry 2—27768
- mass formula, central and isospin multiplet masses in octets and decuplets 2—34705
- mass spectra, main series, semi-theoretical formula 2—23878
- mass spectra, supplementary series, semi theoretical formula 2—23879
- neutron star core 2—26708
- parity-change rule, duality formulation 2—5550
- resonances, photoproduction with positron annihilation radiation 3 prong events 2—17821
- spin-$^1/_2$, coupling to pseudoscalar meson, study of resonance dominance of form factors 2—14549
- strong coupling model with isospin hypercharge symmetry 2—38310
- $SU(3) \times SU(3)$ symmetry breaking, emphasis of Nambu Goldstone realization 2—38309
- in unified spinor field theory of relativity 2—17215
- $B\bar{B}$ coupling to exotic channels and baryon exchange producing exotic mesons 2—23867
- **interactions**
  - Cabibbo theory, new fit of parameters 2—23780
  - couplings, evaluation using quark graphs and Bethe Salpeter formalism 2—23869
  - dense baryon-antibaryon system, excitations in distribution, self-consistent field approximation 2—2571
  - meson-baryon reactions in Regge models, hyperon polarization 2—38283
  - photon-baryon-baryon, bootstrap conditions, success of vector dominance model 2—17820

13 of 27

Baryons continued
interactions continued
strong interactions, generalised theory, group theoretical approach 2—27768
resonances
centrifugal barrier effects in partial decay widths, shapes and production amplitude 2—27762
diffractive resonance production, helicity conservation and longitudinal phase space 2—31301
excitation levels of rotational bands deduced using principles of nuclear physics, definition of hadron basis set 2—31210
isobar production and diffraction dissociation in $\mathrm{pn}\to\mathrm{pp}\pi^-$ at 7.0 GeV/c 2—34731
isobar-nucleon exchange interaction model 2—21308
isolation in high multiplicity processes 2—5514
masses, derivation from meson data 2—23894
photoproduction with positron annihilation radiation 3 prong events 2—17821
resonance selection, decay widths within terms of Rarita-Schwinger formalism 2—31330
stray baryonic states and apparent anomalies in eta and K meson photoproduction 2—21281
$(N\pi)$ low mass enhancement, production in $\pi^\pm p\to\pi(N\pi)$ reaction at 16 GeV/c, dominance of isospin zero exchange 2—34684
Δ (1236) electroprod. general survey 2—8117
Δ resonance-nucleon total cross section estimated by analysing final state of weak or e.m. Δ-production on nuclei 2—34741
Δ^{++}, photoprod. on protons, cross sections 2—27707
Δ^{++} production in $\pi^+p\to\pi^+\pi^0p$ at 13.1 GeV/c 2—14713
Δ_δ, Regge trajectory and nondegenerate parity partners 2—8210
$\Delta(1236)$, production in pp reactions, parameter-free Reggeized absorption model 2—34742
$\Delta^{++}(1236)\pi$, decay mode of $(p\pi^+\pi^-)$ mass enhancement at 1460 MeV 2—430
$\Delta(1326)$, excitation on bound state neutrons, cross section determ. from inelastic e^-d scattering expt. 2—435
$\Delta^+\omega^0$, final states prod. in π^+p reactions at 5.45 GeV/c 2—5542
$\Delta^{++}\rho^0$, final states prod. in π^+p reactions at 5.45 GeV/c 2—5542
$N\bar{N}$ system, Regge trajectories, resonance widths 2—21300
$N'\to p+\gamma$, decay scheme in $M_n<M_{n'}<M_n+M_\pi$ mass interval, search for baryon resonances 2—14711
N*, behaviour in inelastic eN scattering 2—14710
N*, classical field model production for electroproduction 2—434
N*, electron excitation 2—27776
N*, kinematical reflection, importance in one pion exchange processes 2—2557
N*, magnetic moment determ., possible expt. leading from structure effects study in πN bremsstrahlung 2—14655
N*, production in pp interactions at 6 to 30 GeV/c 2—34720
N*, relationship between hadronic and electronic excitation 2—27777
N* electroproduction, relativistic quark model 2—8209
N* electroproduction in quark model 2—23897
N* exchange, realistic model rel. to backward pd scatt. 2—8200
N* production, effect of model by Elitzur on total nucleon-nucleus cross section at high energy 2—34740
N* resonances, weak prod. from nucleons, dynamical and fully covariant model 2—14712
$N^*(1470)$-p, M1 transition form factor calc., using Chou Yang model 2—17983
$N^*(1700)$, helicity conservation and spin-parity analysis from reaction $\pi p\to\pi N^*(1700)$ 2—23896
$\pi\Delta$ charge exchange, dual approach to Regge dips 2—399
$\pi^\pm\Delta$ electroproduction in electric Born model 2—17927
$\pi\Delta(1236)$ electroprod, prediction within framework of vector meson dominance model 2—11603
$\Xi\pi$ resonance, mass 1606 MeV/c^2, obs. in $K^-p\to\Xi^-\pi^+K^0$ reaction 2—21307
$\bar{Y}N$ annihilation, possible study by observing $\Lambda(\Sigma)$ production in $\bar{p}d$ collisions 2—432
scattering
meson-baryon, isospin bounds on polarization 2—14622
meson-baryon, S-channel helicity amplitudes with $n\geqslant2$ 2—34654
meson-baryon, unitary symmetry and duality 2—8152
meson-baryon, without parity doublets dual model 2—5520
meson-baryon coupling constants, strong coupling model with isospin hypercharge symmetry 2—38310
meson-baryon scattering, scheme for loading baryon trajectories 2—14637
pseudoscalar meson-baryon high energy forward scatt., total cross sect. from multiperipheral model 2—14623

Barysphere *see Earth*

Batteries *see Electric cells*

Bauschinger effect *see Deformation*

Bayard-Alpert gauges *see Vacuum gauges*

Bays *see Earth/magnetic field; Magnetic storms*

BCS theory
generalization from BCS theory of identical nucleon system 2—14904
oscillatory flux line profile near $T=T_c$ 2—19565
superconducting nuclei, pairing rotations and separation energies 2—18095
superconductivity, spin waves 2—4168
superconductor, proximity effect 2—16159
type II superconductors, band structure in excitation spectrum 2—29629
wavefunction, application of projection of ang. momentum and fixed particle number 2—11706

Bells *see Musical instruments*

Bending
see also Stress analysis; Torsion
anisotropic shells of revolution, rotationally symmetric stress and strain 2—27178
axisymmetrical shells, stress analysis as beam 2—2205
beams, buckling, finite element solutions 2—27130
beams resting on long elastic supports, effect of loading through elastic layer 2—37677
block, isotropic compressible rectangular, into parabolic shell 2—5200
boronated graphites heated to 1400°C and 2000°C, meas. variation bending strength with neutron exposure 2—32570
borosilicate glass rods, bend strength meas., effect of conditions 2—29287
buckling, static and dynamic, clamped shallow conical shells 2—6555

Bending continued
buckling analysis for structural sections and stiffened plates reinforced with laminated composites 2—17299
buckling analysis of rectangular plate by Kantorovich method 2—37678
circular plates, deflection function for symmetrical bending 2—33984
cold, wide sheet, effect on subsequent behavior under uniaxial stressing 2—6529
composite, anisotropic plates, wave surfaces due to impact 2—36099
composite laminates, cylindrical bending response 2—17320
concrete reactor vessel liners, pre- and post-buckling analysis, matrix displacement method 2—15155
conical shells, prebuckling, asymptotic solution of nonlinear equations 2—27162
crystal, X-ray topography obs. 2—15755
elastic bar, nonlinear analysis, quasilinearization applic. 2—11335
elastic bar, stiffness determination 2—23329
elastic shallow structures subject to h.f. periodic loading, dynamic buckling 2—17318
elastic work and stress intensity factor in cracked three point loaded specimen 2—2217
fatigue testing, deform. testing under pure bending conditions 2—19229
glass-fibre-epoxy resin specimens, strength and modulus measurement 2—3890
glass-fibre-epoxy resin specimens, stress-strain curve 2—3890
heterogeneous materials, moment meas., internal stresses 2—12840
materials testing for low-cycle strength by bending with rotation 2—39856
moment meas. by elec. method 2—19232
planar, of semi-infinite beam resting on a linear elastic support 2—34026
plant strain, elastic plastic stress analysis for notched bar 2—12838
plate, analysis by finite element method using decomposition of differential operator 2—27145
plate, improved estimate for error in classical linear theory 2—20894
plate bending anal., rectangular finite element based on Hellinger-Reissner's variational principle 2—37683
plate of variable thickness with circular hole, stress conc. 2—17304
plates, deflection meas., application to thermal stress problems 2—14161
plates, elastic, thick, in plane state of stress 2—20889
polyvinyl chloride, plane bending fatigue of specimens prepared by different mould methods 2—25517
prismatic shells, transmission of concentrated forces 2—129
rectangular bars, elastic and elastoplastic bending, phase transformation effects 2—36125
rectangular plates, chordwise vibrations and flutter 2—2234
ring-stiffened cylinders, ring out-of-plane bending stiffness effect on thermal buckling prediction 2—27134
simple structure, consistent equations for large scale deflections 2—27115
slender cracked column, fixed ends 2—2195
spring characteristics of thin leaf springs 2—25476
stainless chrome nickel steel, effect of vacuum thermochroming 2—6587
steel, maraging, effect on stress corrosion cracking 2—19213
steel, plastic zone form. and fatigue crack extension 2—19215
steel, sheared edge bend test 2—39860
steel components, carburized, phase transformation effects on bending stress distributions 2—36125
thin-walled prismatic members, torsional-flexural behaviour 2—5181
vibrations, helicopter rotor blades, scale effects 2—37734
welded beams, stresses and strains for various shapes 2—6532
welded metal joint testing 2—29354
wire, apparatus for fatigue tests 2—29353
Al-Mg, alloy, effect of deposited metals in rapidly solidified structures 2—3888
Al-Zn-Mg, alloy, effect of deposited metals in rapidly solidified structures 2—3888
Al, commercially pure, effect of deposited metals in rapidly solidified structures 2—3888
Al, oriented tricrystals, bending joints, intergranular energy 2—12848
SiO_2 film thermally grown on Si, buckling rel. to thickness/window width ratio 2—9283
U-Nb-Zr alloy, stress generation during oxidation, flexure study 2—10627
Zr notched specimens, deformation, comparison of finite element and experimental studies 2—9666

Bending of light *see Gravitation; Light*

Berkelium
atom, K X-ray energies and intensities, binding energies 2—18302
metallic state, metallurgical properties and electron structure 2—22323
Bk I, Bk II, emission spectra, electron configuration determination 2—21508
Bk III, Bk IV, absorption and luminescence spectra, energy level assignments 2—21504

Berkelium compounds
BkO_x, oxygen dissoc. press. and phase behaviour 2—9217

Beryllium
anharmonic properties, thermal expansion 2—19355
atom, ^1S ground state, radial moment distributions and Compton profiles determ. 2—11950
atom, (e,2e) reaction, wave functions struct. 2—38828
atom, electron correlation energy calc. using Brenig's method in 2 body approx. 2—18286
atom, hyperpolarizability calc. by Hartree-Fock method 2—11955
atom, lifetimes and oscillator strengths in spectra, beam-foil technique 2—18484
atom, multiconfiguration wavefunctions, application of generalized Brillouin theorem 2—8424
atom, ns^2 shell, multiconfiguration approx. 2—18284
atom, oscillator strengths and singlet triplet splittings, core polarization corrections 2—31662
atom effect of unitary transformations among occupied orbitals, pair energies, relation to perturbation theory 2—35115
atoms, K-shell ionization by proton and heavy ion impact 2—11996
binding energy and lattice constants, pseudopotential calc. 2—40139
cosmic ray nuclei, interstellar propagation, differential kinetic energy/nucleon spectra 2—4764
detection using γ-n reaction and electronic arrangement of BF_3 counters 2—38381
diffusion in GaP 2—25444
elastic consts., 25 to 300 C 2—32575
extraction, properties and applications 2—3925
fluorescence yield, K-shell determ. using synchrotron radiation 2—35132
fracture toughness, review 2—29324

Beryllium continued
hot pressed, tensile props., temp. and strain rate depend. 2—29283
implantation, in GaAs, p-type layer production 2—22220
inclusion in explosive detonation parameters calc. 2—7173
lattice dynamics, freq. wave vector relations, phonon dispersion curves 2—40042
lattice dynamics 2—6647
lunar abundance in fines from Apollo and Luna missions 2—7508
magnetoresistance oscillations, temp. depend. 2—1483
microcracks, microscale plastic flow, grain boundaries, fracture surfaces, metallography 2—12906
multiply charged ion beam passing through celluloid film, determ. of electron loss and capture cross section 2—1447
neutron diffusion, theory 2—38668
n.q.r., coupling of ^{12}B 2—36998
oxidised, Auger electron spectra for various degrees of oxidation 2—6327
phonon dispersion curves 2—19356
photoelectron spectra, soft X-ray, calcs. using band theory of metals 2—36631
photoionization, effect of two electron autoionizing levels on cross sections 2—8461
self diffusion activation volume 2—29204
shock propag. produced by planar impact 2—9637
Shubnikov-de Haas effect and mag. breakdown 2—6748
slip, basal and prismatic, temp. depend. of cct. resolved shear stresses 2—32622
solar flare, identification in the extreme u.v. 2—26915
stacking fault, twin and point defect energies, pair pot. calcs. 2—15747
surface, ang. and energy distrib. of inelastically reflected electrons 2—9911
target, external, in intense intermediate energy proton beam, shielding requirements 2—34756
thermal cond., 90 to 600 K 2—19442
work function and surface structure, calc. 2—39455
Be I perturbed series, mean-lives of excited electronic states, beam-foil technique 2—15231
Be II, 2s→nf transitions, Coulomb-Born I cross sections 2—35151
Be II lines, Stark broadening, in electric shock tube plasma 2—5783
Be$^+$, dynamic polarizability and excited state wavefunctions 2—35123
Be^{2+}, hyperpolarisability, coupled Hartree-Fock calculation 2—35182
^{7}Be, cosmic ray produced, rel. to atmospheric exchanges 2—20324
Cu-Be electron photomultiplier, procedure for restoring signal-to-noise ratio 2—2373
GaP:Be,O, luminescence 2—10421
^{239}Pu-Be(α,n) sources of different sizes, neutron energy spectra 2—28010
Sb-Be neutron source production, meas. of neutron age in water by infinite plane detector method 2—28100
in Si, acceptor level obs. 2—33019

Beryllium compounds
beryl, i.r. refl. spectrum, anharmonicity 2—26143
Cu-Be, microalloying, research survey 2—12924
Al-Be alloy, fibre reinforced, directional solidification 2—19286
Al-Zn-Be alloy, clustering and solute-vacancy interactions, elec. resistivity obs. 2—32693
Be-1%Fe, effects of mech. strain, Mossbauer obs. 2—32722
BeCl, rotational analysis of $A^2\Pi$-$X^2\Sigma^+$ band system, determ. of principle molecular constants 2—28271
BeD, ESR spectra meas. for ground state in solid Ar matrices, determ. hyperfine interaction and chemical bonding 2—15287
BeF_2-LiF-ZrF_4, molten, diffusion of Ni, coeff. determ. by linear sweep voltammetry and chronopotentiometry 2—18810
BeF_2, noncrystalline, X-ray diffraction patterns and structure determ. at 25°C 2—22054
BeF_2, vitreous, struct., neutron and X-ray diffr. obs. 2—25160
BeF_2 glasses, e.p.r. of transition metal ions 2—10496
BeF_2 vitreous, optically active vibrational modes calc. using β-quartz models determ. from X-ray diffraction 2—22382
BeH molecule, Λ doubling in $^2\Pi$ states calc. from HF wavefunctions to test validity of Van Vleck's hypothesis 2—21637
BeH_2, electronic structure, valence bond calc., comparison with MO calc. 2—8587
BeO:Li, Na, K, B, Al, Si, Ge, phosphors, thermolum. props. 2—29970
BeO-Cu_2O_2 ceramics, electrical resistivity effect of temperature and sintering pressure 2—6753
BeO-Fe_3O_4 ceramics, electrical resistivity effect of temperature and sintering pressure 2—6753
BeO, lattice thermal conductivity 2—19447
BeO, neutron diffusion, theory 2—38668
BeO, positron lifetime correlations 2—4150
BeO, role of electron correlations in predictions of electronic ground state 2—31778
BeO, sintered, polycryst. props. rel. to monocryst. props. 2—22254
BeO, Stark shift of spin levels of ^{9}Be 2—22840
BeO, thermal cond. 2—4078
BeO, thermal neutron wave dispersion relations 2—28108
BeO, thermally stimulated exoelectron emission, pressure induced 2—4317
BeO, thermolum., dosimetric props. 2—27904
BeO, transport number exam., rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2—4274
BeO spherical fuel elements in nuclear reactors, three dimensional stresses 2—15130
BeO surface, energy levels, density of states, Auger spectrum 2—33097
$BeSO_4.4H_2O$, Raman scatt. intensity of polaritons 2—16526
Be_2SiO_4, phenakite, cryst. struct. 2—9456
BeTe, BeSe, Bes, synthesis, and bandgap by optical absorp. obs. 2—20027
Co-1 wt.% Be-7 wt.% Ta alloy, metastable struct. states in solid soln. decomp. 2—32450
Co-1.7 wt.% Be alloy, metastable struct. states in solid soln. decomp. 2—32450
Cu-Be-Co alloy, microstruct. and mech. props., effect of heat treatment conditions 2—29299
Cu-Be alloy, h.v. electron microscopy, in situ damage, temp. and impurity effects 2—22183
Cu-Be alloy, spring characteristics of thin leaf springs 2—25476
Cu-Be alloy changes in tensile properties during irradiation and post-irradiation ageing 2—29284
Cu-Be alloys, changes in resistivity during high temperature neutron irradiation 2—29166
Cu-Be alloys, elec. and thermal cond. 2—19456
Cu-Be alloys, zone formation and precipitation, 100-160°C, neutron irradiated 2—39905

Beryllium compounds continued
Cu-(1.9 wt.%)Be alloy, precip. substruct. depend., of fatigue props. 22283 2—22283
Cu-1.8 wt.%Be, ageing, microstruct. changes, Guiner Preston zone growth 2—19247
Ni-Be alloy, internal oxidation, diffusivity determ. for O_2 in Ni 2—29221
Ni-2.5 wt.% Be, ageing, microstruct. changes, Guiner Preston zone growth 2—19247
U-Si-Be system, phase relations 2—13016

Bessel functions *see Functions*

Beta-decay theory
see also Nuclear decay theory
allowed, higher order corrections, parity nonconserving transitions 2—31497
autoionization in the K shell, model calculation 2—34984
Cabibbo angle determination, resolution of discrepancy 2—2548
crystal field effects on half-life 2—475
elementary particle treatment extended to include effect of final-state Coulomb interactions 2—28004
Fermi type, finite nuclear size effects, radiative corrections 2—18151
first-forbidden decay, gross theory, finite-nuclear-size effect 2—21410
first-forbidden non-unique β transitions and mirror comparisons in light nuclei 2—18154
Gamow-Teller, effect of weak magnetism on mirror $(ft)^+/(ft)^-$ ratio 2—18152
heavy nuclei, antianalogous states 2—18150
matrix elements, higher order 2—38533
minor asymmetry in Gamow-Teller transitions of large ft value 2—18153
mirror asymmetry, meson exchanges and second class currents 2—2741
superallowed, $O^+ \rightarrow O^+$ transitions, corrected ft values 2—2742
superallowed Fermi transitions of light nuclei relevance of shape of nuclear charge distribution to ft values 2—21409
thick sources, effect of $\beta\gamma_{cp}$ correlation experiments 2—28002
$^3H \rightarrow {}^3He + e^- + \upsilon^-_e$, calc. of meson exchange corrections using realistic nuclear wave functions 2—18155

Beta-ray spectra
see also Nuclear decay theory
^{194}Au decay, exptl. investigation 2—11805
positrons, obtained from linear accel. of electrons at 8-30 MeV, energy distrib. 2—23801
^{24}Al, β-decay of 1^+ isomeric state, first observation of associated α particle groups 2—18156
^{141}Ce decay, $\beta\gamma$ correlatoon investigated using Compton backscattering to determ. circular polarization of γ-rays 2—14967
^{68}Cu isomer decay, meas. β- and γ-ray intensities γ-γ, β-γ coincidences, level structure of ^{68}Zn 2—38539
^{3}H, high-luminosity, high-resolution study of the end-point behaviour 2—34587
^{3}H, high-luminosity, high resolution study of end-point behaviour 2—34609
$^{203}Hg \rightarrow {}^{203}Tl$, β-γ directional correlation measurement for transition reveals parity violation in ^{203}Tl 2—11806
^{140}La decay, β spectrum analysed with Slatis Siegbahn β-ray spectrometer, study of outer β group with end point 2164 keV 2—28008
^{193}Os, rel. to isomerism investigation 2—18144
^{32}P, β spectrum shape of mass separated source, precision measurement 2—2745
^{152}Pm isomers 2—31507
^{27}Si, β^+ decay to ground and excited states of ^{27}Al, position branching ratios and log ft values obtained 2—18157
^{182}Ta decay, absolute intensities detn. 2—31509
^{94}Y, shape of β-ray transition to ground state of ^{94}Zr determ. 2—2749

Beta ray spectra
conversion electrons
coefficients, L-shell, for high energy transitions calc. for several atoms 2—8422
E2 transitions, conversion coeff. ratios for M-, N-, and O-shell electrons 2—27956
$^{138*}Pr \rightarrow {}^{138}Ce$, determ. of spectrum 2—480
^{75}As, conversion electron spectrum, relative intensities of transitions 2—38542
$^{75}Br \rightarrow {}^{75}Se$ decay, rel. to ^{75}Se level scheme determination 2—24164
^{160}Dy transitions obs. 2—38517
^{161}Dy interference of photoeffect and internal conversion following nuclear resonance absorption of 26 keV E1 gamma rays, study of Mossbauer spectra 2—2727
$^{59}Fe \rightarrow {}^{59}Co$ decay, transition obs. 2—38537
^{68}Ga, at 1.6559 MeV 2—38540
^{154}Gd, 693 keV $2^{+\prime} \rightarrow 2^+$ transition, correlation and conversion coefficients determ. 2—2725
^{200}Hg, level scheme and conversion electron coefficients from slow neutron capture in ^{199}Hg 2—21397
^{131}I, investigation of 636.3 and 722.9 keV transitions, conversion coeff. calc., spin and parity assignments made 2—479
^{115m}In, after irradiation of natural foils by positrons, evidence for positron annihilation without radiation emission 2—11759
^{79}Kr transitions, conversion coeffs. 2—38501
^{81}Kr transitions, conversion coeffs. 2—38501
^{172}Lu, transition conversion coeff. 2—24189
$^{138}Nd \rightarrow {}^{138}Pr$, determ. of spectrum 2—480
Pd isotopes, energies and intensities 2—38508
^{226}Ra, conversion transitions accompanying ^{230}Th alpha decay 2—11809
^{182}Re, exptl. determination of internal conversion coeff. and multipolar orders 2—11804
^{128}Sb 8.9h, β- decay, meas. of γ-ray and conversion electron spectra, ^{128}Te deduced levels 2—34959
$^{175}Ta \rightarrow {}^{175}Hf$, rel. to decay scheme derivation 2—11803
Te, A=121, 123, 125, 127, 129, M4 transitions, ratios of internal conversion coefficients 2—38548
^{235}U(n,f), investigation of conversion electrons from fragments and products, evidence for $J^\pi = O^+$ first excited state in ^{98}Zr 2—11755

Beta-ray spectrometers
magnetic, for pulsed beam obs. 2—18002
magnetic, influence of pole piece material on resolution and line position 2—14749
with microwave cavity for lifetime obs. of nuclear states excited by α-particle decay 2—8222
multichannel, modulated, for 0.03-10keV energy range 2—27851
multiple tape sources for internal conversion electron obs. 2—18003

- **Beta-ray spectrometers** continued
    - parallel plate analyser with second order focusing properties 2—17556
    - semiconductor detector with anticoincidence system for suppression of backscattered β-rays 2—14759
    - Siegbahn-Slatis type, modification for β-γ coincidence meas. 2—38358
    - spherical electrostatic, calculation of form of spectral window by Monte Carlo method 2—31351
    - threshold photoelectron detector for v.u.v. 2—18022
    - Ge radiation counter application 2—34819
- **Beta-rays**
    - *see also Electrons*
    - discovery 2—1
    - **absorption**
        - *see also Electrons/absorption*
        - No entries
    - **angular distribution**
        - No entries
    - **detection, measurement**
        - *see also Beta-ray spectrometers; Dosimetry; Particle detectors; Radioactivity measurement*
        - $\beta\gamma$ coincidence meas. in visible region, detection and identification of internal bremsstrahlung 2—11789
        - energy, absolute meas., coincidence method for scattering expt. 2—2642
        - pure β emitters, abs. methods for meas. 2—14737
        - sensitivity threshold of photomultipliers for scintillation measurements of soft radiation 2—23549
        - GaAs surface barrier detectors 2—11677
    - **effects**
        - *see also Electron beams/effects; Nuclear reactions and scattering due to/electrons*
        - anthracene cryst., internal irrad. effects in triplet exciton quenching 2—6736
        - quartz, fired, thermoluminesc. sensitivity, radiation-induced increase 2—13517
        - ZnS:CdS:Ag:Ni:Co phosphors, irradiation, radiothermoluminescence 2—40730
        - Ag-(5 at.%) Ir alloy, evaporation 2—28965
        - CsI, electron-hole recombination 2—4472
    - **polarization**
        - longitudinally polarized electrons, spin correlation with nuclear multipole moments, bremsstrahlung study 2—17830
        - by spin exchange scattering, polarized atomic target 2—646
        - Wien filter design and meas. of longitudinal polarization 2—5571
        - Ni photoelectrons, spin polarization 2—1588
    - **scattering**
        - *see also Electrons/scattering*
        - dose function of a plane thin β-ray source at the interface of the two media 2—381
- **Betatrons** *see Particle accelerators/betatrons*
- **Bethe-Salpeter equation**
    - absorptive part equations for forward scattering, Laplace transform diagonalization 2—21185
    - configuration space δ-shell interaction, relativistic Regge trajectories 2—8147
    - crossing symmetric, generalized ladder graphs 2—17786
    - electron atom scattering, low energy, in random phase approximation 2—610
    - Green's function, Lorentz contraction 2—8075
    - model construction with rising Regge trajectories 2—23761
    - for particle-hole vertex in two- dimensional Fermi gas instabilities studied in Hartree Fock approximation 2—11312
    - relativistic scalar quark model with strong binding, discussion of dynamics 2—17842
    - scalar equation, complex conjugate pairs of Regge trajectories calc. 2—31251
    - solution in Wick Cutkosky model using O(3,1) harmonics 2—2489
    - spin waves, perturbation calculation of algebraic realization 2—13380
    - threshold behaviour of Regge trajectories 2—17781
    - $\Pi \check{N}$ scattering, derived in ladder approximation, used to determ. relativistic optical model 2—23856
- **Bethe-Uhlenbeck equations** *see Statistical mechanics*
- **Bevatron** *see Particle accelerators*
- **Binary stars** *see Multiple stars*
- **Binding energy**
    - *see also Bonds; Lattice energy; Nuclear forces*
    - alkali metal halide ions, core eleotron binding energies from X-ray photoelectron spectra 2—31685
    - alkaline earth oxides, vacancy pair F_c^+-centres, binding energy 2—36062
    - atomic and ionic, nonrelativistic theory for large atomic number 2—24323
    - benzene, core binding energies from ESCA spectra 2—5960
    - core electrons, correlation with valence electron density, ESCA 2—35210
    - core level shifts determ., ab initio mol. wave functions 2—35341
    - core-electron binding-energy, estimation using equivalence of equally charged cores 2—35223
    - Coulomb, boond state of spin zero particles, relativistic corrections in quantum electrodynamics 2—38201
    - even even ^{235}U fission fragments, maximum value 2—28093
    - excitonic mol., as function of mass ratio, mol. stability 2—25739
    - excitonic molecule calcs. 2—32896
    - furan, core binding energies from ESCA spectra 2—5960
    - halogen 2p and 3p, meas., photoelectron spectroscopy 2—35281
    - heavy nuclei, shell corrections in framework of Fermi theory 2—5637
    - Hubbard Hamiltonian for surface mols., ground state energy 2—32389
    - hypernuclei, prediction using new working model 2—8281
    - ionic cryst., Lowdin's approx. rel. to description of bonding 2—25240
    - methylcyanide, core level shifts determ., ab initio mole. wave functions 2—35341
    - methylisocyanide, core level shifts determ., ab initio mol. wave functions 2—35341
    - methylthiocyanate, core level shifts determ. ab initio mol. wave functions 2—35341
    - molecule-surface, meas. by time-of-flight diffusion method 2—18953
    - neutron quartet model, nuclear mass curves 2—14919
    - nuclear, asymptotic conditions 2—21354
    - nuclear, shell corrections 2—21357
    - nuclear matter, Λ_{00} and Λ_{10} calculations for realistic hard-core nucleon-nucleon potentials 2—31428
- **Binding energy** continued
    - nuclear matter, sensitivity to high energy phase shifts, range of force depend. 2—34890
    - nuclear matter, sensitivity to nucleon-nucleon phase shift at high energies 2—21356
    - nuclear matter, variation with phase shift equivalent two body potentials 2—31418
    - nuclear matter Λ particle, variational approach 2—18083
    - of nuclear systems, procedure for checking expressions using c.m. potential energy 2—14908
    - nuclei, light, even-even, in 1s-0d shell 2—5636
    - phase shift and range of force, relation with binding energy 2—31427
    - pyrrole, core binding energies from ESCA spectra 2—5960
    - solid, determ. from secondary electron yield spectrum 2—13360
    - superconducting nuclei, pairing rotations and separation energies, BCS calc. 2—18095
    - superheavy nuclei, Z=112, 116, A=224-480 and r.m.s. radii 2—27998
    - thiophene, core binding energies from ESCA spectra 2—5960
    - three body problem, calc. by application of method of Pade approximants 2—2122
    - three identical particles interacting via three mutual morse potentials, ground state binding energy 2—11306
    - three nucleon, variation- iterational calc. 2—5635
    - three particle systems, nonrelativistic theory of bound states on Fadeev formalism 2—2510
    - total, of protons in various nuclei, impulse approximation and (p,2p) reaction considered 2—11714
    - transition metal adatoms on W, rel. to cryst. planes 2—29071
    - trimers, weakly bound by three mutual Morse potentials, calc. of J=0 binding energies 2—744
    - trinucleon systems, calc. using Faddeev formalism and boundary condition model 2—31408
    - wool fibre, surface discharge treated, S oxidation state obs. 2—37043
    - Λ particle in nuclear matter, calc. using separation method 2—454
    - Al, cohesive energy, pseudopot. calc. 2—40120
    - Al, intergranular energy of joints of inflection, effect of relative orientation of crystal 2—3563
    - Am, core level determ. 2—35165
    - Ba, determ. from secondary electron yield spectrum 2—13360
    - Bk, K-shell binding energy determ. 2—18302
    - C atom, core-level (1s) shifts, CNDO pot. model using intermed. level MO wavefunctions 2—35133
    - ^{12}C, Brueckner Hartree Fock calc. using density dependent effective interaction, binding energy estimate 2—11727
    - ^{12}C, ground state, calc. including repulsive core 2—8282
    - ^{12}C, variational calculation 2—11726
    - Cf, K-shell binding energy determ. 2—18302
    - Cm, K-shell binding energy determ. 2—18302
    - ^{246}Cm, electron binding energy calc. from X-ray spectra and L-shell fluorescence yields 2—11784
    - Cr surface atom, core-electron, effect of oxygen, soft X-ray appearance pot. spectra 2—35872
    - Es, K-shell binding energy determ. 2—18302
    - F atom, core-level (1s) shifts, CNDO pot. model using intermed. level MO wavefunctions 2—35133
    - Fm, atomic electron, Dirac-Fock calculation 2—31663
    - Fm, inner electron, and limits on electrodynamic nonlinearities 2—28191
    - H_2^+, from calculations of Rydberg states 2—8644
    - H_5^+ molecular ion, ab initio quantum mechanical variational calc. 2—8629
    - ^{2}H, singlet state, calculation 2—460
    - ^{3}H, contribution of two-pion exchange three- body force 2—5643
    - ^{3}H, effect of charge dependence of nuclear forces on ground state energy 2—11721
    - ^{3}H, Faddeev eqn. in separable approx. formulation 2—27958
    - ^{3}H, from ^{2}H+n collisions in Faddeev formalism with local potential 2—21437
    - ^{3}H, reference spectrum method 2—18085
    - ^{3}H, sensitivity to off-shell behaviour of the 2 body T-matrix 2—38472
    - ^{3}H, unitary pole approx. using hard core pot. 2—34905
    - ^{3}H and ^{3}He, binding energy difference, appl. to study of charge symmetry of nuclear forces 2—2687
    - He on Cu and Ar-plated Cu, meas. by time-of-flight diffusion method 2—18953
    - ^{3}He, wave function, harmonic polynomial calc. 2—5644
    - ^{4}He, calc. using method of 9-dimensional harmonics 2—461
    - ^{4}He, reference spectrum method 2—18085
    - K-shell binding energy determ. 2—18302
    - K lattice, calc. using pseudopotential approach 2—36318
    - KCl solid, meas. of thermal shift of electron binding energy traceable to Madelung energy 2—35931
    - Li, b.c.c. and h.c.p., pseudopotential approach 2—6391
    - LiF solid, meas. of thermal shift of electron binding energy traceable to Madelung energy 2—35931
    - $_\Lambda^{10}$B, calc. from K^--capture ^{12}C 2—24146
    - $_\Lambda^7$Li, calc. from K^--capture in ^{16}O 2—24146
    - $_\Lambda^9$Be, ground state, calc. including repulsive core 2—8282
    - $_\Lambda^9$Be, variational principle calc. Λ-N force 2—31452
    - Nd^{3+} complex, bonding parameter, from nephelauxetic ratio 2—26147
    - Ne atom, of 1s electron, from correlation energy calc. 2—21515
    - ^{20}Ne, Brueckner Hartree Fock calc. using density dependent effective interaction, binding energy estimate 2—11727
    - Ni surface atom, core-electron, effect of oxygen, soft X-ray appearance pot. spectra 2—35872
    - OF, $^2\Pi$ state, ab initio calc. 2—31818
    - ^{16}O, binding energy calculations and their dependence on the treatment of the Pauli operation in the G-matrix 2—31448
    - ^{16}O, third-order contribution 2—462
    - ^{16}O, variation calc. correction 2—5647
    - P atom, core-electron (2p), correlation with at. charge and group shifts 2—35167
    - Pt cpds., core-level (4f), from X-ray photoelectron spectroscopy 2—31824
    - Ti surface atom, core-electron, effect of oxygen, soft X-ray appearance pot. spectra 2—35872
- **Binding energy, solid state** *see Bonds; Lattice energy; Solids*
- **Bingham plastics and solids** *see Rheology*
- **Biographies**
    - No entries
- **Biological effects of radiations**
    - accelerator and space-produced, conf. 2—5048

Biological effects of radiations continued
  acoustic noise, in hyperbaric diving chamber, during dive to 100 ft 2—34144
  amoeba growth, ultrasonic cavitation effects at 1 MHz 2—11196
  animal physiology continuous low level e.m. fields 2—5041
  bacteria photodamaged, reactivation by angelicin 2—30659
  on blood, extracorporeal irradiation 2—5038
  blood flow, red cell arrest under ultrasonic irradiation 2—17108
  chicken, microvascular damage, cinemicrographic recording 2—7588
  chromosome rupture by X-rays, γ, α, p, n 2—2021
  induced disease, problems of response relation to dose, dose-rate and quality 2—5047
  DNA breakdown, after γ-irradiation in synchronously growing E coli B bacteria 2—26951
  DNA degradation in high intensity focused ultrasonic fields at 1 MHz 2—11195
  DNA with incorporated 5-BUdR, effect on energy transfer from radiation pulse 2—30657
  dose-effect relations for damage to mammalian cells and tumours by alpha particles, dueterons, negative pions and neutrons 2—5040
  Ellis formulae for X-rays and fast neutrons 2—41294
  e.m.f., low level, on young incrossbred chicks, growth rate reduction 2—11202
  erythrocytes deformation in h.f. fields 2—7599
  fluoroscopy, exposure pattern, surface, bone marrow integral and gonadal dose 2—17105
  focused, ultrasound, for local treatment of biological tissue 2—30666
  focussed ultrasound, lesion development in brain and plastics 2—37441
  foetus, u.s. effects 2—5245
  human chromosomes 2—41295
  human kidney T-1 cells, RBE and OER of π^- mesons 2—37440
  infrasonic sound, mechanical and biological effects 2—23352
  interaction of forest surroundings with e.m. radiation 2—5032
  laser beams, radiation protection and safety rules 2—17648
  laser beams use in genetics 2—17106
  laser-beam skin damage and exposure level monitoring 2—7597
  living tissue radiation absorption, Nimrod beam expt. 2—20744
  low doses of ionizing radiation, effects 2—41296
  on lymph, extracorporeal irradiation 2—5038
  mammalian central nervous system, intense u.s. interaction 2—30668
  microvascular damage, cinemicrographic recording in chicken 2—7588
  microwave effects on biological systems 2—7595
  microwave exposure, review 2—30665
  microwave frequency, dangers reviewed 2—30664
  microwave safety standards 2—5039
  neutron beam intensity estimation, for biological and medical applications 2—5042
  neutron therapy relation between RBE and dose 2—17124
  neutrons, high-energy, efficiency 2—5045
  nuclear reactors, distribution of casualties from accidentally released activity 2—2887
  nucleoprotein, energy transfer between protein and DNA 2—26943
  organic materials, dose per unit electron current, high energy electrons on a thin target 2—2895
  pig performance, effect of neutron and gamma irradiation 2—20721
  pions, calculation of LET distribution in muscle tissue 2—5046
  pions, high-energy, efficiency 2—5045
  pions, spatial distribution for stopping in tissue, techniques for mapping 2—11200
  protons, 200 MeV, dose depth and quality factor for infinite tissue equivalent slab 2—14037
  protons, 2 GeV, late effects on the brains of rabbits 2—5043
  protons, high-energy, efficiency 2—5045
  protons 70 GeV, efficiency of secondary radiation, phages and Vicia faba seeds 2—5044
  psychometric study of annoyance values of complex sounds 2—17395
  radiological impact of fusion power 2—24298
  relative biological effectiveness 2—5037
  reproductive survival of mammalian cells after irradiation at ultra-high dose-rates 2—37439
  research projects, UKAEA reports 2—5035
  scatter-air ratios, calc. and tissue heterogeneities 2—41309
  skin burns due to short duration heat flux, cond. model 2—20738
  sonic booms, animal responses 2—37500
  sonic booms, behavioural awakening study 2—7591
  sonic booms, conference, Acoustical Soc. America, (Houston Texas 1970) 2—34102
  sonic booms, effect of exposure of humans 2—37466
  sonic booms, human response, in laboratory and community 2—37465
  storage ring, radiation dangers of losses and bremmstrahlung 2—2864
  striated frog muscle, acoustic extensional wave propagation characteristics 2—37442
  on subhuman primates, early behavioral effects of ionizing radiation 2—41298
  surface effects of high energy X-rays at oblique incidence 2—41293
  tissue equivalent material changes in frequency distrib. of energy deposited in short pathlengths as friction of energy degradation of primary beam 2 41297
  tissues, primary cosmic-ray interactions 2—7598
  tumour therapy by neutron radiation, obs. 2—30669
  ultrasonic, primary sites of damage, safety anal. 2—17107
  ultrasonic waves, effects on fine structure of cells 2—20737
  ultrasonics, irradiation chamber for observing biological material 2—2020
  ultrastructural features of the early proliferating cells involved in hemopoietic colony formation 2—33782
  X-irradiated Fischer cell culture medium, harmful effects on cells 2—26952
  X-irradiated rats, isolated perfused liver, 5-hydroxytryptophan metabolism 2—30667
  X-rays, survival time of wild and tame rats and mortality rate obs. 2—20720
  X-rays on glycoproteins and related carbohydrates 2—7600
  Cl neutrons and Ra gamma- rays, response of mouse jejunal crypt cells to low dose rate irradiation 2—33781
  ^{157}Dy as bone scanner using whole body scanner and scintillation camera 2—20741
  He-Ne laser irradiation on Drosophila, athermal effects 2—11201
  HeLa cells, irradiated in 14 MeV neutron beam, measurement at RBE, OER and recovery from sub lethal damage 2—26965

Biological effects of radiations continued
  ^{131}I therapeutic effects in hyperthyroidism with diffuse goiter, relationship of thyroid scintiscan 2—20736
  Pt, neutron activation analysis in biological tissue by analysis of daughter ^{199}Au 2—10678
  Xe lamp for light coagulation in eye treatment 2—11199

Biological technique and instruments
  acoustic holography, diagnosis of symptoms 2—290
  acoustic impedance bridges in diagnosis of hearing disorders 2—33805
  Anger camera, window optimization for ^{99m}Tc detection 2—2028
  arteriography, sequential, variable flow rate dye injector 2—20732
  articulatory movement tracking using computer controlled radiography 2—30685
  artificial heart system using radioisotope powered Stirling engine 2—14020
  biological-membrane ion transport, electric field and impedance problems 2—11198
  blood and blood plasma viscometric obs. discrepancies for different instruments 2—14029
  blood cell counting and identification using coherent optical data processing system 2—37437
  blood flow and radio isotope obs. 2—2031
  blood flowmeters using n.m.r. techniques 2—6175
  blood O_2 pressure flow meter, for obs. during artificial circulation 2—20730
  blood O_2 pressure obs. during artificial circulation 2—20731
  blood pressure meas. using piezoelectric transducer 2—14042
  blood vessel hemorheology, theoretical obs. 2—14024
  bone scanning using ^{18}F, table to allow whole body obs. 2—23144
  bone turnover assessment by micro- and auto-radiography 2—30674
  camera, gamma, scanning, liver and pancreas, double isotope technique 2—2023
  cancer radiotherapy, advantages and difficulties of using pions and heavy ions 2—41290
  catheter system, magnetic intravascular with guidance and viewing system 2—14041
  cell membrane resistance and polarization meas. using chopped-current clamp with single electrodes of changing resistance 2—2014
  cerebral blood flow det. after incracarotid injection of ^{133}Xe 2—23148
  cervical smear screening with Quantimet Cytoscreen pattern recognition system 2—7602
  collimators, focused, method for reduction of energy dependence of resolution 2—23147
  computer assisted on-line obs. of motor unit potential parameters in electromyography 2—20726
  contact fluorescence microscopy, microstructure of thick biological specimens and organs 2—33783
  contact type phonocardiographic transducer, problems 2—17112
  cyclotronic production of ^{99m}Tc, feasibility study 2—3009
  diagnosis, computer processing of digitized images of cells 2—2030
  diagnosis of blighted ovum by sonar 2—17114
  diagnosis of liver malignancy, ultrasound compared to isotope scanning 2—17115
  diagnosis of pericardial effusion by ultrasound 2—17116
  diagnosis using ultrasonic visualization, limitations and possible improvements 2—17119
  digital computer/TV image analysis system for cervical smear obs. 2—7604
  digital dosemeter, IC amplifier as integrator 2—26964
  dose rate measuring, instrument for measuring small differences 2—2039
  double chemode for brain exploration 2—41273
  e.c.g., computerized, heart screening expt. 2—26949
  e.e.g., future trends 2—37448
  e.e.g., real-time spectral analysis on minicomputer, conference, Honolulu, Hawaii, (1972) 2—37447
  e.e.g. real time spectral analysis using minicomputer 2—37449
  electrical stimulation of carotid sinus nerves, mechanism of prolongation of R-R interval 2—30662
  electrocardiography, magnetocardiography, review of mathematical, physical, engineering aspects 2—20743
  electromyographic unit potentials, automatic sampling and averaging method 2—11203
  electron beam brazing of stainless steel components of needle-less injector 2—1356
  electron beam microprobe investigation of model tumour in brain of mouse 2—30117
  electron micrographs of biological material, phase and amplitude contrast 2—7857
  electron microscopy of human lung disease among industrial workers 2—7590
  electron micrprobe analysis, application 2—13599
  electroretinogram during terminal anoxia in humans 2—20724
  electroretinography, a.c. amplifier artefact 2—26974
  endoscope, Hopkins, with air lenses and glass spacers, advantages 2—23153
  engineering in medicine and biology, proceedings of 24th annual conference, Las Vegas, 1971 2—41292
  fibre optic cinematography for obs. of female reproductive organs 2—26960
  fibre optic endoscope, flexible, diagnostic procedures and uses 2—26958
  film scanner for cytological investigations 2—26950
  filter for phase-frequency analysis of electrical signals from brain 2—20729
  fluoroscopy, exposure pattern, surface, bone marrow integral and gonadal dose 2—17105
  frozen-etched specimens, preparation for electron microscopy 2—23143
  gamma camera, use of off- line digital system 2—5034
  gamma camera as whole body counter 2—41300
  gamma camera dynamic flow studies on single film by colour coding of time 2—26961
  gamma camera image inequalities, computer program for correction 2—20727
  gamma ray camera, use of magnifying multihole collimator 2—20719
  gamma ray probe for detection of ocular melanomas 2—30671
  heart disease, diagnosis, treatment, electronic tools 2—2032
  heart rate measurement, review of methods, equipment 2—23151
  hemodynamics, model expts. 2—14035
  hemorheology, conference (Heidelberg 1969) 2—14032
  hot film probe, obs. of velocity distrib. and transition turbulence in arteries 2—26945
  human electroencephalogram, separation of sinusoidal components of alpha rhythm 2—33789

Biological technique and instruments continued
- image analysing computer, pharmaceutical and clinical applications 2—7589
- immunofluorescence, microscopic photometry with a potentiometric recorder 2—5053
- intercellular microelectrode recording, neuronal connections in visual cortex obs. 2—7616
- ionisation chamber for the dosimetry of 14 MeV neutron beams 2—2624
- ionization chambers for absorbed dose calibrations of high energy X-rays and electron beams 2—445
- irradiation chamber for observing effects of ultrasonics on biological material 2—2020
- laminographic excitation camera for thyroid imaging 2—30670
- lesion detection performance, effect of pulse height selection 2—2027
- living animals, body composition determ. methods 2—5055
- lung scanning, diagnosis of pulmonary embolism and transient right-to-left shunting through patent foramen ovale 2—26955
- magnetocardiography applic. of Josephson junction magnetometer 2—34305
- marrow scanning with radiocolloids 2—30678
- mass spectrometry applications to biomedical problems 2—17121
- median nerve and digital nerve stimulation, comparison of somatosensory and somatomotor evoked response 2—20725
- medical stereoscopic X-ray TV system 2—7635
- memory colour experiment device 2—11518
- microneurosurgery, colour TV applic. 2—20733
- microscope, computerized systems 2—2018
- microtome cryostat for assay of frozen tissues 2—20779
- microwave exposure systems 2—20716
- mitral echogram, criteria for acceptability 2—17102
- modelling retina, picture processing 2—7621
- Mossbauer spectroscopy, protein structure and mag. structure 2—17122
- nervous system information processing rel. to psychophysical and electrophysiological analysis 2—7592
- neurophysiological wave- form generator for teaching 2—11193
- neutron activation analysis for Mn and Zn det. in human skin biopsies 2—41304
- neutron doses, comparison of tissue-equivalent ionization chambers and silicon diodes 2—2035
- nuclear medicine measuring apparatus kit 2—5033
- objective audimetry, recording of averaged cochlear action pots. 2—37482
- particle counter 2—23152
- patient monitoring, electronic, intensive care, computer information handling 2—2019
- pelvimetry, simplified determination of correction factors 2—33784
- peripheral fasciculations, neurophysiological method 2—41288
- photo-optical instrumentation in gastrointestinal motility research 2—26959
- physiologically important radionuclide production in nuclear reactor 2—41291
- placental scanning using ^{99m}Tc albumin and ionic ^{113m}In 2—20742
- Quantimet Cytoscreen for scanning for malignant cells 2—7603
- Quantimet Cytoscreen pattern recognition system for screening cervical smears 2—7602
- radioassay of ^{14}C and ^{3}H in tissues, modified plastic bag combustion technique 2—14040
- radioiodine therapy of the autonomous functioning thyroid 2—23149
- radioiodine therapy of thyroid cancer 2—26948
- radioiodine treatment of hyperthyroidism, dangers and complications 2—23150
- rectilinear transmission scanning of irregular bones for qualification of mineral content 2—23146
- regional blood volume in lung, radioisotope technique 2—30673
- rheogoniometer, Weissenberg, modification for applic. to homorheology 2—14036
- sample preparation for det. of ^{239}Pu, ^{241}Am and ^{242}Cm by liquid scintillation counting 2—14039
- scanners, working region 2—41307
- scanning, optimum injection interval for spinal scans using ^{87}Sr^{m} 2—2024
- scanning and transmission electron microscopy, X-ray microanalysis 2—39617
- scintigraphic evaluation of liver with schistosomiasis japonica 2—2025
- scintillation probe for thyroid surgery, radioactive I tracers 2—2029
- separation of lung-liver scintiphotos due to ascites, subdiaphragmatic abcess 2—41289
- serial pulmonary perfusion scanning in radiation therapy for bronchogenic carcinoma 2—20740
- skeletal imaging agents 2—30677
- sonar appl. in diagnosis, conference (Glasgow, December 1971) 2—17113
- spark chambers wire for clinical imaging of gamma-rays 2—2650
- stimulus isolator, suppressed carrier r.f. 2—14022
- strain gauges, resistance and piezoresistance, review 2—30663
- surgical contact microscope, diagnostic investigation of microstructure of human organs 2—5437
- thermography, diagnostic value and design of thermographs 2—26957
- tomography, holographic, using circular synthetic aperture 2—5052
- trace elements study using gamma ray spectroscopy, nuclear activation analysis, radioactive tracers 2—17123
- transducers, future needs 2—14023
- transient e.e.g. abnormalities analysis 2—41274
- tumor therapy using pions, stopping region visualization expts. 2—20728
- ultasonic B-scan obs. of head and eye 2—20735
- ultrasonic contrast increasing in human tissue 2—23145
- ultrasonic diagnosis, fibre optical device for A- to B-scan conversion 2—41308
- ultrasonic Doppler for transcutaneous aortovelography 2—20734
- ultrasonic liver scanning, quantitative analysis of normal A-scan 2—41303
- ultrasonic scanner and cathetertip echo technique for cardiology 2—17118
- ultrasonic scanning, constant depth 2—17120
- ultrasonic scanning, multiple image store 2—17104
- ultrasonic scans, two dimensional, digital storage display 2—17103
- ultrasonic time position and B-scanning of heart 2—17117
- ultrasonic tomographic examination of blunt abdominal injuries 2—20723
- ultrasonics, effect on growth of cell structures 2—20737
- ultrasound, possibility of local action through skulls on brains of man and animals 2—17101
- ultrasound diagnostics, electronic sector scanning 2—26962
- ultrasound in diagnosis of renal disease 2—2022
- u.s. Doppler vel. meter for cardiography 2—30679
- u.s. properties of arterial walls meas. 2—5056

Biological technique and instruments continued
- u.s. scanner, three-dimensional images using fibre optics 2—17111
- vectorelectromyographic shape of impulses from separate motor units 2—41302
- waking EEG, cerebral rhythms review 2—2017
- whole-body counter, occupational radiation burdens and ^{137}Cs burdens on population of Budapest, data processing 2—41313
- X-ray intensifying screen using Gd_2O_2S:Tb phosphor 2—30672
- X-ray machines, exposure characteristics 2—17109
- ^{198}Au hepatoscan, diagnostic improvement by measurement of blood clearance rate 2—17110
- CdTe probe, compared to Si(Li) probe, γ-ray detection 2—26947
- CdTe probe, compared to Si(Li) probe, γ-ray detection 2—33785
- ^{252}Cf sources in tissue, calculated depth dose tables 2—41306
- ^{157}Dy as bone scanner using whole body scanner and scintillation camera 2—20741
- e.m.g. patterns of spinal cord reflexive activity, anterolateral muscles of leg 2—41301
- ^{111}In, cyclotron production from ^{111}Cd, for nuclear medicine applications 2—28239
- ^{111}In for cerebrospinal fluid scanning 2—2026
- ^{13}N saline solution production for research studies in pulmonary physiology 2—14031
- ^{85}Sr bone scan in neoplastic disease 2—30675
- ^{85}Sr lung scan, diagnosis of pulmonary ossification 2—26954
- ^{99m}Tc-pertechnetate brain scans, initial and delayed, comparison of accuracy 2—26953
- Xe lamp for light coagulation in eye treatment 2—11199

Biology
- *see also Medical science; Physiology; Zoology*
- localized spatial structures and nonlinear chemical waves in dissipative systems, implications 2—22849
- Mars, Viking Mission, proposed expts. and equipment 2—33741
- Martian, long winter model 2—30562

Biophysics
- active transport model 2—41284
- alpha rhythm and uniform visual field in man 2—41272
- alveolar surface tension, thermodynamics, mathematical model 2—41282
- angelicin 2—30659
- artificial heart system using radioisotope powered Stirling engine 2—14020
- artificial sunlight illuminant, visual and biological aspects 2—38138
- atmospheric aerosols, transfer of effects of high energy solar radiation to the biosphere 2—26508
- auditory evoked responses during first year of life 2—41316
- bacteria and spores, effects of electric thermal storage heating, obs. 2—11192
- bacterial biology, application of i.r. spectroscopy 2—11194
- bacterial motility, laser scattering obs. 2—2011
- bioholography and information processing of human brain and associative memory 2—37435
- biological cells model, light scattering from coated spheres 2—30654
- biological information processing mechanism using holographic principles 2—23644
- biological motility, statistical mechanical nature 2—41275
- bioluminescence in ship wake, in Atlantic, Mediterranean and Black Sea 2—13643
- biomacromolecular system, microwave dielectric and Hall effect measurement 2—34286
- biopsy specimens by percutaneous puncture, u.s. guide 2—41278
- blood cell counting and identification using coherent optical data processing system 2—37437
- blood cell identification using electro-optical techniques 2—37436
- canine and bovine Purkinje fibres, single and sustained circus movement in networks, slow conduction and reentry in ventricular conducting system 2—33777
- canine arterial tree, endothelial nuclear patterns w.r. to hemodynamic events 2—33778
- canine Purkinje fibres, return extrasystole, slow conduction and reentry in ventricular conducting system 2—33776
- cardiac muscle models, effects of preload on V_{max} 2—30656
- cardiac output, averaging computer analysis of displacement ballistocardiograms 2—23142
- cartilage, tensile properties, effect of strain rate 2—41283
- cat papillary muscles, isometric twitches, time course, mathematical analysis 2—30660
- cell membrane resistance and polarization meas. using chopped-current clamp with single electrodes of changing resistance 2—2014
- cell surface liquid crystalline behaviour 2—9098
- chlorophyll-a films, conductivity and photovoltaic effects 2—26942
- crystals as origin of life on earth, book 2—2015
- deep freezing of biological material, apparatus with programmed control 2—20773
- dimethyl sulphoxide effects on conduction velocity of homarus axons 2—41279
- double chemode for brain exploration 2—41273
- dry mass of living cells obs. using laser illuminated scanning microinterferometer 2—5412
- electrical conductivity of organic materials containing metals 2—26940
- electromagnetic radiation in forest environment 2—5032
- electron microscope imaging of neurons laboratory processing and handling 2—17759
- electronic instrumentation for measuring bioelectrical signals in plants 2—37434
- equilibrium endplate potential, effect of temperature 2—41276
- erythrocyte ghosts, light-beating spectrum, active transport processes in cell membrane 2—37433
- frog's brain, single-unit visual responses 2—41348
- human kidney T-1 cells, RBE and OER of π^- mesons 2—37440
- IEEE Region 8 Convention, Lausanne, (1971) 2—7251
- injury mechanisms and bidynamic models 2—11191
- lipids, bimolecular membranes, semiconductive and photoconductive properties 2—26941
- living organisms rel. to liquid crystals 2—41277
- living organisms rel. to liquid crystals 2—39333
- low temp. treatment of bone for joint surface allografts 2—41285
- lungs, small airway units, models, flow patterns 2—26946
- macromolecules, Raman spectroscopy in physiologically realistic conditions 2—15413
- membrane systems, e.s.r. studies, use of lipid spin labels 2—20717
- microtome cryostat for frozen tissues for biological assay 2—20779

Biophysics continued
microwave dielectric and Hall effect measurements on biological materials 2—26939
microwave exposure system for biological specimens 2—20716
neural network, record and recall mechansim 2—26944
nuclear reactor applications, radionuclide production 2—41291
olfactory nerve of garfish, water metabolism, n.m.r. obs. 2—7587
phospholipids, mesomorphic phases rel. to cell membrane struct. and function 2—9097
photon scalar irradiance as optimum measure of radiant energy available for photosynthesis, measurement and calibration of underwater photon scalar irradiance collector 2—33775
pig performance, effect of neutron and gamma irradiation 2—20721
polymers, ultrasonic absorption spectroscopic study of conformational modifications 2—30653
psycho, complex system analysis 2—7593
Quantimet 720D for densitometry in life sciences 2—5116
rat myocardial tissue, electrical resistivity and capacity frequency range 200 Hz to 100 kHz 2—17100
rats and rabbits, variations in arterial blood flow during electrical stimulation near the heart 2—30655
reproductive survival of mammalian cells after irradiation at ultra-high dose-rates 2—37439
rheology, mechanical step pulse production 2—33779
sensory receptor transducers model 2—2013
sensory stimulus and neural response, forward and backward analysis of temporal relations 2—7594
serum albumin, resolved Raman spectra and fluoresc. 2—39014
Southwestern IEEE Conference, Houston (1971) 2—4656
space, exptl. biology of extreme environments 2—2012
spermatozoa, motions and hydrodynamics 2—41280
squid axons, fluorescence signals in ANS-stained axons during voltage clamp 2—30661
teaching course 2—17150
time perception mechanisms 2—17
tissue preparation for liquid scintillation counting, Aquasol flour, β-rays 2—2631
true phase velocity of arterial pressure waves, det. in vivo 2—37431
trypsin, enthalpies for fixation of competitive inhibitors proflavin and benzamidine 2—40798
ultrasonic absorption of dextran and globular proteins 2—30658
ultrastructural features of the early proliferating cells involved in hemopoietic colony formation 2—33782
vertebrate retina and first layer in lateral geniculate nucleus, simulation 2—7611
X-irradiation effects on survival of wild and laboratory rats 2—20720
C in body, total content det. by fast neutron activation analysis 2—20718
N in body, total content det. by fast neutron activation analysis 2—20718
Na transport rate constants, kinetic basis of computer simulation 2—41281
O in body, total content det. by fast neutron activation analysis 2—20718
Biot-Savart law *see Electromagnetism*
Birefringence *see Double refraction*
Bismuth
Alfven wave second harmonic generation 2—40156
atom, autoionized lines in arc spectra 2—38815
atom. photoioniz., extreme u.v., calcs. using final state correls. 2—31675
atoms, photoionization calc., inclusion of intrachannel interactions 2—601
Brillouin zone, dispersion law of L-electrons 2—9931
crystal growth and grain boundary migration, optical obs. method 2—39590
crystal growth kinetics and form in Bi-Sn alloys 2—3583
damped wave size effect, carrier mobilities 2—32905
enthalpy of fusion determ. 2—28939
Fermi surface, r.f. size effect obs. 2—9956
film, evaporated, cross-sectional struct., rel. to evaporating conditions, electron microscope obs. 2—29029
film, galvanomag. effects, quantum size effect 2—25765
film, laser machining, struct. changes 2—6348
film, supercond., thickness depend. of transition temp. 2—13150
film influence on Ni coercive force 2—6976
impurity in Cu, spiral elongation test for annealability 2—3932
interband transitions, i.r. magnetoreflectivity 2—16473
ion implantation, InSb and CdTe, lattice disorder and outdiffusion 2—25370
ion implantation in GaAs 2—25424
liquid, electronic structure from nonlocal energy dependent model potentials 2—39328
liquid, structure factor and atomic distrib., X-ray diffr.obs. 2—18792
magnetoacoustic attenuation, Landau broadening, pure and doped crysts. 2—29537
magnetosonic-electric effect 2—16125
muonic atom, hyperfine spectra of L and K X-rays, analysis in terms of nuclear excitation 2—18370
neutron total effective cross section for 130 eV neutrons 2—19478
phase diagram, temp. and pressure, at low temp. elec. resistivity obs. 2—25619
phase transformations, comparison in liq. and solid h.p. systems 2—3983
photoionization cross section meas. between 250 eV and 40 eV in X-ray-u.v. wavelength region, use of two grating spectrograph 2—608
polycrystalline layer, on NaCl, transmission of struct. information 2—6333
powder in two- and three-phase mixtures, determ. thermal conductivity by line source method 2—22432
single crystals, suitability as filters for high intensity neutron beams 2—15029
single crysts., in const. mag. field exposed to microwaves, const. short cct. currents, 4.2 K 2—36443
slip planes, compression tests, shear stresses 2—32530
spin splitting factor, anomalous ang. variation, u.s. giant quantum attenuation obs. 2—25730
superconducting, amorphous, phonon spectra 2—13157
superconductivity, critical temperature, press. depend., 100-200 kbar 2—22508
thermal conductivity, liq. and solid states 2—36365
thermal props. and i.r. absorbing power of thin layers 2—19448
thermomagnetic power tensor, low field 2—25945
thermomagnetic power tensor and Umkehr effect 2—22633
triple pt., 41 kbar and 175°C, press.-temp. phase diagram 2—32304
twin boundary motion under repeated loading, hardening loss 2—19107
Bismuth continued
Bi:Te, galvanomag. props., helicon standing wave resonance obs. 2—25749
Bi:Te, hyperfine heat capacity and nucl. quadrupole interaction 2—16657
Bi/Sb films, two-layer, struct. 2—1175
Bi/Sb films, two-layer, struct. 2—1176
Bi-Ga binary metallic liquid, obs. of paraconductivity above critical point 2—12576
Bi i multipole line at 4615 Angstroms, total intensity 2—38810
Bi_2, new band system in emission spectrum 2—28272
Bi^{3+}, in alkali halide, optical absorp. 2—3801
Bi^{3+}, u.v. absorpt. band position in oxides 2—20049
^{207}Bi, radioactive source preparation by electrodeposition on thin metallized plastic films 2—5673
Ge:Bi, γ-ray irrad., role of impurity in defect form 2—15777
Pb-Bi eutectic, arc emission spectroscopic obs. of Zr content 2—16703
PbO;Bi, ionic cond., O diffusion, rel. to O partial pressure and doping, 773-1073K 2—22612
Bismuth compounds
Bi-Ca-V-Fe garnet, Faraday rot., rot. mech. 2—22728
Bi-Ca-V ferrite garnet, indirect exchange interact., V participation, neutron diffr. obs. 2—36739
Bi-Cd alloy, change in ultrasonic velocity on melting 2—39421
Bi-Pb alloy, diffusion zone depth estimation during contact melting 2—32565
Bi-Pb_2Bi, eutectic alloy, cellular growth via unidirectional solidification 2—3440
Bi-Sb alloy, change in ultrasonic velocity on melting 2—39421
Bi-Sb alloy, thermal cond., liq. and solid states 2—36365
Bi-Sb alloy, transport phenomena 2—3954
Bi-Sb alloy, transport properties 2—29660
Bi-Sb alloys, dispersion law of L-electrons 2—9931
Bi-Sb alloys, elec. props., press. influence 2—32968
Bi-Sb films, low temp. elec. props. 2—36495
Bi-Sn alloy, metastable phase BiSn formation under pressure, kinetics, Mossbauer obs. 2—9794
Bi-Sn film, r.f. sputtered from two-phase sintered Bi-Sn cathodes 2—39497
Bi-Te thermoelectric semiconductor compounds, n-type, chemisorption of O_2 2—16680
Bi, complex, $Bi(S_2C_2H_4)X$, i.r. spectra, ligand configuration, vibr. assignment 2—8769
$Bi_{0.8}Ca_{2.2}Fe_{3.9}V_{1.1}O_{12}$ complex, anomalous Faraday rotation by Kerr effect 2—29875
$Bi_{3-x}Ca_{2x}Fe_{5-x}V_xO_{12}$ Mossbauer study of Fe^{3+} 2—13445
$Bi_{0.3}Ca_{2.68}Pb_{0.02}V_{1.35}Fe_{3.65}O_{12}$, Co-doped, anomalous mag. reson. 2—10462
$Bi_{3-2x}Ca_{2x}V_xFe_{5-x}O_{12}$, magneto-optical effects 2—40611
BiCl A-X system, intensity variations and transition moment as function of internuclear separation 2—3029
$BiCl_3$, cryst. and mol. struct. 2—9457
$Bi_{0.3}Co_{2.7}Fe_{3.65}V_{1.35}O_{12}$ garnet, paramagnetic ion doped, ferrimagnetic resonance 2—4534
$BiFe_{1.35}Al_{1.65}(BO_3)_4$ huntite-type compound, synthesis and structure 2—3697
$Bi_2Fe_4O_9$ Mossbauer effect study, parameters, spectra, effective internal magnetic field 2—4442
$Bi_4Ge_3O_{12}$:Nd, Er, Czochralski synthesis and properties 2—32405
$Bi_{12}GeO_{20}$, light- and elec.-field-depend. oscillation of space-charge-limited current 2—25955
$Bi_{12}GeO_{20}$, light scatt. by acoustic and optical phonons 2—16454
$Bi_{12}GeO_{20}$, Raman spectra, lattice vibrs. 2—40690
$Bi_{12}GeO_{20}$, Rayleigh wave propagation 2—19412
$Bi_{12}GeO_{20}$, scatt. of light by phonons 2—10335
$Bi_{12}GeO_{20}$, self-focussing and phonon scatt. of laser radiation 2—10295
$Bi_{12}GeO_{20}$ thin plates, elastic, piezoelec. and dielec. consts. 2—10127
$Bi_4Ge_3O_{12}$, crystal growth, Czochralski method 2—19000
BiI_3, luminesc. of bielectrons and biholes 2—10418
BiMn, ferromagnetic, low temp. polarization of Bi isotopes, production of polarized ^{209}Bi target 2—36802
$(BiNa)_{1/2}TiO_3$, ferroelectric, crystal growth by flux method and props. 2—29088
Bi_2O_3, free energy of formation, solid electrolyte technique 2—10606
Bi_2O_3, reflecting films for multiple beam interferometry on steel 2—1168
BiOI crystal, adsorption of O_2, attachment levels, thermo-stimulated current 2—6805
$BiRhO_{3\|x}$, pyrochlore and perovskite prep. and struct. obs. 2—9458
$BiRhO_{3\|x}$ system, pyrochlore and perovskite prep. 2—25242
$Bi_2Ru_2O_7$, $Bi_2Ir_2O_7$ electronic characterization, cryst. chem. considerations, elec. and mag. meas. 2—10076
Bi_2S_3-S_2Se_3 film, photoelec. props., sensitivity, s.p. resist. 2—36607
$Bi_{95}Sb_5$:Te, Shubnikov-de Haas and band structure investigations 2—29683
$Bi_{0.4}Sb_{0.6}$, superconducting thin film, fluctuation heat capacity near T_c 2—9887
$Bi_{1-x}Sb_x$ alloys, metal-semicond. transitions under press. 2—6810
$Bi_{1-x}Sb_x$ solid solns., Ettingshausen effect 2—13336
$Bi_{1.6}Sb_{0.4}Te_3$, elastic consts., u.s. determ. 2—32576
p-$Bi_{0.5}Sb_{1.5}Te_{3-x}Se_x$ solid solutions, x=0 to 0.6, influence of internal conductivity on properties 2—29762
Bi_2Se_3 epitaxial film, vapour phase deposited, elec. diffr. obs. 2—39498
$Bi_{12}SiO_{20}$, Raman spectra, lattice vibrs. 2—40690
$Bi_4Si_3O_{12}$, crystal growth, Czochralski method 2—19000
Bi_2Te_3-BiI_3-Te, structure, phase composition and props. 2—3982
Bi_2Te_3-Bi_2Se_3 alloy, n-type semicond., thermoelec. props. 2—36605
Bi_2Te_3-Sb_2Te_3-Sb_2Se_3 alloy, p-type semicond., thermoelec. props. 2—36605
Bi_2Te_3, elastic consts., u.s. determ. 2—32576
Bi_2Te_3, elastic moduli and phonon props. 2—32805
Bi_2Te_3, reflectivity spectra, intensive interband transitions identified 2—19996
Bi_2Te_3, semiconductor, diamag. susceptibility, 90-650 K, energy gap calc. 2—25996
Bi_3TiNbO_9, cryst. struct. rel. to ferroelec. props. 2—25328
Bi_3TiNbO_9, cryst. struct., rel. to ferroelec. props. 2—3698
Bi_3TiNbO_9, ferroelec., crystal struct., X-ray and neutron diffr. obs. 2—32445
$Bi_4Ti_3O_{12}$, cryst. struct., rel. to ferroelec. props. 2—3698
$Bi_4Ti_3O_{12}$, cryst. struct. rel. to ferroelec. props. 2—25328
$Bi_4Ti_3O_{12}$, crystal struct., X-ray and neutron diffr. obs. 2—32446
$Bi_4Ti_3O_{12}$, efficient white-light reading of domain patterns 2—40348

Bismuth compounds continued
  $Bi_4Ti_3O_{12}$, ferroelec.; intrinsic switching 2—29756
  $Bi_4Ti_3O_{12}$, layer struct. ferroelec., elastic and dieled. props. 2—13316
  $Bi_4Ti_3O_{12}$ ferroelec.-photocond. optical storage medium 2—40349
  Bi_2WO_6, cryst. struct., rel. to ferroelec. props. 2—3698
  Bi_2WO_6, cryst. struct. rel. to ferroelec. props. 2—25328
  Cd-Bi exploding wire binary alloy, width of absorption lines 2—38812
  CdO-Bi_2O_3, elec. cond., temp. depend. 2—1511
  Hg-Bi system, liq., electronic struct. 2—9078
  In-Bi alloy, supercond., critical parameters, hydrostatic press. effect 2—29635
  In-Bi metastable solid solution, supercond. transition temp. 2—16171
  In-2 to 4% superconductivity, multivalued critical current13134 2—13134
  $(K_{3/4}Bi_{1/4})(Zn_{1/6}Nb_{5/6})O_3$, prep. and dielec. props. 2—4266
  MnBi, film, phase transitions and lattice constants 2—4391
  MnBi, preparation by solid diffusion, total excess sp. ht. for mag. transition at 640K 2—6962
  Nd-Bi alloy, phase diagram and elec. props. 2—1413
  Pb-Bi, superconducting alloy in porous glass, meas. of critical current density 2—4167
  Pb-Bi, type II superconductor, flux line-defect interaction distances 2—19555
  Pb-Bi alloy in porous glass, spin-orbit effects, critical fields 2—19594
  Pb-Bi alloys, solid and liq., mag. props., n.m.r. 2—29796
  Pb-Bi amorphous alloys, supercond., electron tunnelling 2—13172
  Pb-Bi eutectic alloy, heat of solidification 2—15630
  Pb-Bi system, contact melting 2—18879
  Pb-Bi type II superconductor, flux line pinning by large normal particles 2—29628
  $Pb_{0.7}Bi_{0.3}$ alloy, strong coupling supercond., electron tunnelling obs. 2—4166
  $Pb_{55}Bi_{45}$, amorphous and cryst. microwave surface resist. 2—13177
  PbS-Bi_2S_3 system, vapour phase cryst. growth 2—25257
  Sb-Bi alloy, cryst. growth by zone melting, and dislocation etching 2—39589
  Sb-Bi alloys, interband transitions, i.r. magnetoreflectivity 2—16473
  Sb-Bi alloys, Mossbauer effect, isomer shift and linewidth 2—16441
  $(Sb\text{-}Bi)_2$ $(Te\text{-}Se)_3$ quaternary solid solutions, thermoelectric properties 2—13335
  Sn-Bi-As system, constitution of Sn- and Bi-rich regions 2—22380
  Zn-Sn-Cd-Bi, liquid solutions, thermodynamic properties 2—3382

Bitter patterns *see Domains*

Bitumen *see Materials*

Bloch walls *see Ferromagnetism; Domains*

Blood
  aortovelography, transcutaneous, using ultrasonic Doppler technique 2—20734
  bolus flow, importance of plasma mixing 2—14033
  bradykinin and autonomic nervous system inhibition on systematic and regional hemodynamics in unanesthetized rhesus monkeys 2—37438
  canine arterial tree, endothelial nuclear patterns w.r. to hemodynamic events 2—33778
  cardiac output, averaging computer analysis of displacement ballistocardiograms 2—23142
  cell counting and identification using coherent optical data processing system 2—37437
  cell identification using electro-optical techniques 2—37436
  cell membrane struct. and function rel. to mesomorphic phases in phospholipids 2—9097
  cell surface liquid crystalline behaviour 2—9098
  cerebral, flow det. after incracarotid injection of ^{133}Xe 2—23148
  clotting regulation, mathematical theory of a molecular control system 2—14021
  erythrocyte ghosts, light-beating spectrum, active transport processes in cell membrane 2—37433
  flow, arterial, hot film probe for obs, of velocity distrib. and transition to turbulence 2—26945
  flow, hydrodynamic indexes of polymer tubes of heart-lung machines 2—20722
  flow, in locally constricted tapered tubes, hemodynamical effects 2—14027
  flow, narrow capillary, plasma motion in gap between red cells, model 2—18776
  flow, red cell arrest under ultrasonic irradiation 2—17108
  flow characteristics, surface chemical aspects 2—14026
  flow instantaneous obs. using ultrasound 2—5036
  flow meas. using e.m. flowmeters 2—32196
  flow measurements, automation, isotope studies 2—2031
  flowmeters using n.m.r. techniques 2—6175
  fluid dynamics in lungs, urinary tract, microcirculation, gas and nutrient exchange, and peripheral resistance 2—33780
  hemodynamics, single model fluid drops and red cells, shear flow 2—14035
  hemorheology, clinical and theoretical, conference (Heidelberg 1969) 2—14032
  human, pollutants, nonflame atomic absorption techniques 2—22892
  irradiation, effects 2—5038
  liver clearance rate measurement as adjunct to ^{198}Au hepatoscan 2—17110
  microcirculation, physical stability, Laplacian equation 2—14034
  neutron activation analysis, Co determ. 2—20220
  plasma, viscometric obs., discrepancies for different instruments 2—14029
  rats and rabbits, variations in arterial blood flow during electrical stimulation near the heart 2—30655
  red cell and plasma motion in capillaries, application of finite element method for slow particulate viscous flow 2—35424
  true phase velocity of arterial pressure waves, det. in vivo 2—37431
  vessels, hemorheology, stress and strain obs. 2—14024
  viscoelastic properties 2—14028
  viscometry, outflow, variable shear rate capillary viscometer 2—14030
  viscosity, non Newtonian behavior, anomalies 2—14025
  B, Li, N_2, Th, U determination using nuclear track technique 2—7200
  O_2 pressure flow meter, for obs. during artificial circulation 2—20730
  O_2 pressure obs. during artificial circulation 2—20731

Boiling
  see also Distillation
  chlorotrimethylsilane, mass transfer during film boiling, SiC deposition rel. to high modulus fibre preparation 2—1152
  correlating equation of nucleate boiling heat transfer 2—35836
  cryogenic liquids, transient boiling in large volumes 2—35837
  dryout obs., combined photographic film thickness and temp. technique 2—24275

Boiling continued
  equilibria measurement, binary and multicomponent systems 2—6286
  film boiling on hemisphere, stagnation-point free-convection, viscous effects 2—25001
  of films, dynamics, measurement 2—3356
  films, liquid, on porous vertical wall, suction velocity effects on heat transfer 2—3448
  free convective film boiling heat transfer from horizontal cylinder 2—35833
  Freon-113, nucleate, saturated and subcooled, superheat layer thickness meas. 2—18885
  HTR pulse operation, detect. of boiling water with hydrophone 2—38728
  liquid, bubble growth rate and thermal flux from heating wall near nucleation site 2—35832
  liquid metal fast breeder reactors, incipient boiling superheat of Na coolant 2—28136
  liquids, heat transfer, from multiple spines 2—3446
  methanol, film boiling on vertical surfaces 2—32312
  multifluid interface bubbles analysis 2—12616
  nucleate, mechanism of heat transfer 2—34207
  nucleate, uniformly superheated liquids, prediction of departure diameter and bubble frequency 2—563
  nucleate pool, bubble growth, interfacial velocities 2—25152
  nucleate pool, improved 'three-component' theory 2—32311
  nucleate pool, interferometric obs. 2—25153
  nucleation sites, obs. by liq. crystals colour patterns 2—1151
  organic liquids, u.s. wave effects 2—28959
  pool, gas volumetric technique for measurement of heat transfer coefficient 2—6288
  pool binding, stability and burnout 2—12617
  saturated nucleate, dynamics of isolated vapour bubble effect of heater thermal factors 2—32310
  saturated pool, rel. to liq. film evap. 2—18884
  saturated pool boiling in nonuniform d.c. electric fields, heat transfer 2—28956
  sub-cooled liquids with forced convection, boiling heat transfer 2—28958
  surface boiling, bubble growth and collapse, flow effects 2—12618
  vapour bubble, wetting tension 2—35834
  volume, high speed cinematographs 2—1149
  water, flowing through tube, forced convection heat transfer at elevated flux 2—34199
  water, nuclear boiling at high Jakob numbers, bubble growth rates 2—35838
  water, two-phase flow system, time-dependent diabatic flows prediction 2—24625
  water, vertical upward flow in sixteen rod bundle, heat transfer crisis data 2—31626
  H_2O, nucleate, saturated and subcooled, superheat layer thickness meas. 2—18885
  H_2O, nucleate, transition, film boiling regions, heat transfer process, boiling curve meas. 2—18886
  He liquid, heat transfer in long narrow channels 2—37885
  He nucleate, hysteresis in heat transfer, critical heat flux as function boiling temp. 2—3422
  ^3He-^4He mixtures, pressure and density meas. along boiling and dew curves 2—22026
  N_2, bubble growth rate, on metallic heating surfaces 2—28772
  Na-K eutectic alloy, critical heat flow in conditions of free convection 2—28954
  Na, direct heating in forced convection loop 2—31629
  $ZrO_2:Er^{3+}$, Y_2O_3 stabilized, oxygen ion co-ordination, absorp. spectra obs. 2—33277

Boiling point
  benzene/n-alkane mixtures 2—25150
  hexafluorobenzene/n-alkane mixtures 2—25150
  InI, determ. from high temp. spectroscopy and tensimetry meas. 2—28944

Bolometers
  i.r. spin scan radiometer, for spin-stabilized geostationary satellite 2—16735
  low temperature detector for differential molecular beam scattering apparatus 2—18398
  polyvinylfluoride, use of pyroelectric effect 2—6889
  superconducting, automatic temp. control 2—27307
  Si, compensated impurity cond. role in performance 2—11371
  Si chip, used as sample holder temp. sensor and heater for small samples in calorimeter for heat capacity meas. at temps. from 1-35 K 2—30726

Boltzmann equation
  see also Transport processes
  analogous semilinear hyperbolic systems, general properties 2—2148
  Cauchy problem, discontinuities decay in viscous thermally conducting gas 2—18746
  classical gas, comparison with kinetic eqn. for one particle distrib. function 2—27077
  crystal electrons in strong elec. field, perturbation treatment 2—22450
  density matrix, quantum corrections within the classical path approx. 2—27075
  derivation from Liouville equation 2—33932
  electron energy distrib. function of He at cyclotron reson. 2—39108
  electrons moving in neutral gas, validity of two term approximation of electron distribution function 2—18749
  energy level distribution in argon arc plasma 2—6061
  fluid, boundary layer type soln. by Chapman-Enskog method 2—31918
  gas, binary, disparate mass, soln. method 2—18754
  generalization, for identical classical particles 2—2147
  Grad solution, in terms of irreducible spherical tensors and Talmi coeff. 2—20857
  heat transfer between infinite parallel plates, in rarefied gas 2—39276
  integral form, transform procedure rel. to particle transport in spherical media with central black cavity 2—11314
  iterative soln. for transport coeffs. of dil. gases 2—18753
  kinetics of nonideal plasma and nonideal gases 2—28499
  lattice energy transport in linear atomic chain, rel. to thermal cond. derivation 2—36362
  linearized, with Maxwell boundary conditions, uniqueness theorems 2—17244
  Lorentz plasma, Boltzmann collision integral, role of high momentum transfer collisions 2—31949
  Maxwell-Lorentz gas in electric field, rigorous analysis of solution 2—14118

Boltzmann equation continued
monoenergetic neutron equation, solution for finite parallelepiped 2—24255
monoenergetic neutron equation, solution in cylindrical geometry 2—24256
neutron, boundedness, continuity, positivity and dominance of the soln. 2—28110
neutron thermal scattering kernels, Cadilhac- Model 2—15032
nonlinear, for heat transfer in rarefied gases, Monte Carlo Solutions 2—1035
photon gas interacting with a plasma, dynamics 2—23286
quantum gas obeying Boltzmann statistics, physical particle energy calc. 2—2176
semiconductor, method of soln. using spherical harmonic approx. 2—16199
semiconductor transport., exact soln. of linearized eqn. 2—16080
single component plasma, Boltzmann collision integral, role of high momentum transfer collisions 2—31949
solid, electron theory 2—29588
thermal neutron transport near moderator discontinuity 2—35099
Townsend Huxley electron diffusion, inelastic collisions 2—18750
Ar gas, temp. dependence of positron annihilation rate determ. by solving Boltzmann diffusion equation 2—28229
He gas, temp. dependence of positron annihilation rate determ. by solving Boltzmann diffusion equation 2—28229
Ne gas, temp. dependence of positron annihilation rate determ. by solving Boltzmann diffusion equation 2—28229

Bonding of materials *see Adhesion*

Bonds
see also Binding energy; Lattice energy; Molecules
acetonitrile-d$_3$ and water, H bonded complexes, obs. i.r. transitions involving vibrations 2—8754
acetylene, bond order from point-charge model 2—28372
acrolein and singly substituted methyl derivatives, bond order reversal 2—35337
actinides, bonding properties, review of research progress 2—29076
alcohols, steric effects on hydrogen bond, i.r. spectra obs. 2—8726
alkali borate glass containing VO$_2^+$, e.p.r. and optical study 2—40763
alkali fluorides, photoemission spectra, 10-40 eV photon energy range, electron affinities determ. 2—19803
alkali halide crysts., polarization effects on binding energies of ions 2—31685
alkali halides, Lowdin approx. 2—32865
alkali metals, ab-initio method of calculating cohesive properties 2—1198
alkylammonium salts, hydrogen bonding with alcohols 2—3068
alloy, binary, second neighbour interactions, ground state structures 2—22148
alloy, ionicity rel. to mag. props., atomic and band models 2—16340
amide solution, in water, hydrogen bonding, n.m.r. obs. 2—6255
3-aminopropyl dibutylboron with bases, vibrational spectra, hydrogen bonds and fermi resonance 2—31837
aniline and haloaniline complexes with 2, 4, 6-trihalophenols, crystalline, i.r. and n.q.r. spectra 2—10340
anthrapyridine, aminosubstituted, hydrogen bonds, i.r. and fluorescence spectra study 2—3071
7-azaindole dimer, potential energy curves of protons in H bonds in ground and excited states 2—5958
azidotriphenyl derivatives of group IV elements, n.m.r. investigation 2—15395
azulenes, σ bonding polarization, comparison of results from i.r. intensity meas. and CNDO/2 calc. 2—21660
p-benzoquinone adsorbed on TiO$_2$ e.p.r., i.r. spectra, electronic surface state effect 2—29058
benzyl radical, valence bond calculations of spin density distribution 2—38959
bicyclobutane, LCAO calculations 2—38965
binary alloy system, phase stability and bond types 2—39999
bond exciton model, alkenes and diene polymers 2—15348
bond order in π-electron theory of molecules 2—18390
t-butyl chloride, equilibrium bond lengths for C-Cl and C-C estimated from electron diffraction and microwave structure data 2—15359
γ-butyrolactone, i.r. spectral study of complexing and hydrogen bonding with o-cresol 2—28358
calcium hydroxyapatite, i.r. spectra of OH groups, H bonding, fluoridation effects 2—36872
caprone, temp. effects on i.r. absorption bands sensitive to H bonding 2—15362
carboxylic acid salts, H atom position in A-type H-bands 2—8747
chemical, transition metal carbides, rel. to phonon spectra obs. 2—6655
chloroethylenes, π characteristics, SCF-LCAO theory 2—15364
chloroform and proton acceptor complexes, H bonded, obs. i.r. transitions involving vibrations 2—8754
complexes formed on gas chemisorption on Si and Ge, dangling bond obs. 2—10619
Compton scattering and electron momentum distribution 2—1676
covalency reduction factors, in C_{4v} and D_{3h}, bonding parameter estimation from mag. data 2—16409
covalent compounds, valence electron charge density determ., X-ray diffr. method 2—19021
covalent hybridization in context of separability of bond functions 2—28256
crystalline state, Wolfsberg-Helmholtz-crystal field semi-empirical approach 2—29077
cubic crystal, with covalent or partially covalent bonding, elastic consts. 2—32572
cubic deformed crystal, rel. to gradient elastic tensor and quadrupole moments 2—7016
trans-cyclohexane-1,4-dicarboxylic acid, K salt, struct., bond lengths 2—36000
deuteron quadrupole coupling strength meas. 2—8647
diamond, bond vibrations, i.r. spectra, absorption lines 2—10366
diamond, F_{222} obs., bonding electron density meas. 2—3702
diatomic molecules, single bond properties semi- empirical calc. 2—31760
2,5-dichlorobenzenesulphonic acid trihydrate, hydrogen bonding and cryst. struct. 2—29156
3,4-dichloronitrobenzene, n.q.r. Zeeman spectra of ^{35}Cl 2—13560
dicyclohexane, proton spin-lattice relax. and C-C bond pot. barrier 2—8760
dicyclohexylhydroxymethylphosphine oxide, i.r. spectra rel. to H-bonding 2—15370

Bonds continued
diethyl-α-hydroxyisopropylphosphonate, i.r. spectra rel. to H-bonding 2—15370
dihalodiphenyl derivatives of group IV elements, n.m.r. investigation 2—15395
diphenyl-α-hydroxyisopropylphosphine oxide, i.r. spectra rel. to H-bonding 2—15370
diphenylamine, photo-oxidation in presence of benzophenone, H-bonding effects 2—30064
diphenylhydroxymethylphosphine oxide, i.r. spectra rel. to H-bonding 2—15370
1,4-dipyrazolinylbenzenes, isomeric, rel. to lasing capacity 2—37975
DNA, radiationless transition for a proton from H-bond 2—39015
ethane, bond order from point-charge model 2—28372
ethers, divinyl, spectral evidence of vibrational coupling of double bonds 2—8770
ethyl alcohol, H-bond influence on mol. rot. cold neutron transmission obs. 2—15349
ethylene, bond order from point-charge model 2—28372
ethylene glycol, chelate form. by intramol. hydrogen bonds 2—18502
ethylpentaborane, dissociation energy of B-ethyl bond in 1- and 2-isomers by electron impact and extended Huckel calcs. 2—12103
ferrocene, mag. anisotropy study 2—36660
fluorides, effects on K emission spectrum of F 2—13495
fluorocarbonium ions, $(FCH_2)^+$ and $(F_2CH)^+$, ab initio MO study 2—21684
gas-surface interactions, electron bombardment surface ion desorption obs. 2—29053
glass fibre, Gd^{3+} activated, covalence of activator-ligand bonds 2—10521
glycerin, chelate form. by intramol. hydrogen bonds 2—18502
glycol alcohol, H-bond influence on mol. rot., cold neutron transmission obs. 2—15349
graphite, interlayer props., nuetron irrad. effects, model 2—3758
group II-IV-V compound, ABC$_2$ type, Mossbauer obs. 2—1669
group III-V covalent semiconductor, cohesive energy, perturbation theory calc. 2—12691
group IV covalent semiconductor, cohesive energy, perturbation theory calc. 2—12691
2-halocyclohexanols, OH-halogen intramolec, H-bond, potential function model 2—21687
2-haloethanols, OH-halogen intramolec. H-bond, potential function model 2—21687
o-halophenols, OH-halogen intramolec. H-bond, potential function model 2—21687
heavy elements, chem. shifts of $K_{\alpha1,2}$, $K_{\beta1,3}$ and $K_{\beta2,4}$ lines due to valency electrons 2—7086
heteropolar one-electron, rel. to analysis of characteristic factors for covalent binding 2—8550
hexafluoropropene, C=C bond twisting, investigation using microwave spectrum 2—15380
hydrocarbons, C_3H_6, C_6H_{12}, C_6H_6, C_6H_{14} and C_8H_{10}, identification of localized bonds from Compton profiles 2—3103
hydrogen, i.r. spectral studies of molecules containing carbonyl and hydroxyl groups 2—8750
hydrogen bond, adjustment of double-minimum potentials by sum of Hulburt-Hirschfelder potentials 2—5901
hydrogen bond model confirmation from dielectric obs. of environment effects on protron transfer 2—8555
hydrogen bonding, effects on rhodamine 6G orientational relaxation in solutions, investigation using psec light pulses 2—3394
hydrogen bonding effect on NH stretching Raman band of pyrrole 2—21700
hydrogen bonding in HF dimer, tunnelling motion obs. in study of r.f. and microwave spectra 2—21614
hydrogen bonds, anharmonicity of H-stretching vibration 2—28247
hydrogen bonds between first-row atoms, perturbation calculations 2—28257
hydrogen-bonded molecular crystals, MO theory 2—22097
6-hydroxy-2-pyridone, strong hydrogen bonding, anomalous i.r. spectra 2—10360
ice, cavity model for localized electrons and microscopic relaxation time 2—29078
ice, hydrogen bond, calc. of dipole moment derivative assuming molecules are non-overlapping polarizable charge distrib. 2—39569
ice polarized, equilibrium structure, conc. profiles of defects in H bonding 2—9323
ice VII, hydrogen bond symmetry 2—9324
IIIb-Vb binary compounds, condensed and gaseous, comparison of bond energies 2—21644
imidazole, H-bonded cryst. with protonic conductivity, γ-induced radicals, e.p.r. and ENDOR obs. 2—26293
imidazole cryst., hydrogen bonding 2—29159
intramolecular H bond in 2-nitroethanol 2—28389
ionic and Van der Waals crystals, atomic shift, electrostriction 2—32397
ionic cryst., Lowdin's approx. rel. to description of bonding 2—25240
ionic crystal, impurity ion octahedral complex, covalecy effects on optical spectra 2—19990
ionicity rel. to elastic Cauchy relns. 2—22255
i.r. intensity sum rule and effective charges 2—35208
isonicotinic acid, strong hydrogen bonding, anomalous i.r. spectra 2—10360
keatite, significance of bridging oxygens in thermal expansion 2—16062
ketones, aliphatic, $n \rightarrow \pi^*$ transition shifts, contribs. from intermol. interactions and H bonds 2—3104
lanthanide elements and compounds, native of 4f bonding 2—4106
layer-type crystals, ionicity rel. to plasmon and excitonic processes in 2-10 eV spectra 2—20005
ligand field theory calculations, effective perturbation method 2—38874
liquid alloys, containing O and S,O-metal, S-metal bonding, quasichem. eqns. 2—25584
metal, effective ion-ion interactions 2—22091
metal, non-transition, binding energy, pseudopotential calc. 2—40139
metal-B-N system, equilib. state 2—29489
methane, covalent, hybridization in context of separability of bond functions 2—28256
methyl alcohol, H-bond influence on mol. rot., cold neutron transmission obs. 2—15349
methylammonium chloride, hydrogen bond, n.m.r. study 2—16407
N- methylmethacrylamide - styrene copolymers, hydrogen bonding, i.r. spectral study 2—863

Bonds continued
methylpentaborane, dissociation energy of B-methyl bond in 1- and 2-isomers by electron impact and extended Huckel calcs. 2—12103
MfC, chem. bonding rel. to deform. characts., X-ray line broadening obs. 2—32493
micromechanical debond testing, using acoustic emission detector system 2—6628
molecular, conformation of mol. in cryst., rel. to intermol. forces 2—3742
molecular, described with hybrid orbitals 2—756
molecular, selective breaking by laser two step photodissociation 2—31759
molecular crystal, polarisability tensor, refractive index calc. 2—33197
molecule with D_{4h} symmetry estimation of bonding parameters 2—3025
monomethylphosphine, carbon-phosphorus bond discussed 2—18515
nematic solution, partially deuterated molecules, H-D dipolar coupling, n.m.r. obs. 2—9170
nitriles, complexes formed with proton donors, structure from dipole moment measurements 2—28391
nitrosyl compound, increased valence theory 2—8679
organoethoxysilanes, p_π-d_π interaction 2—851
oxalate, bond distance and coplanarity of $C_2O_4^-$ ion 2—32484
oxides, effects on K emission spectrum of O 2—13495
palladium n-propyl mercaptide, bond lengths and angles 2—6464
paramagnetism in macromolecules with conjugated C=C bonds 2—35362
pentaerythritol, hydrogen bonding, dispersion relations, from X-ray diffuse scatt. obs. 2—3749
perovskite fluorides, doped, covalency effects and F2 hyperfine interaction 2—20144
perovskites, $A^{1+}B^{5+}O_3$-type, B=Ta,Nb,Sn, existence rel. to bonding, high press. synthesis, transforms. 2—9346
phenobarbital, N-H hydrogen bonding to electron donor, n.m.r. study 2—854
phenol-methylpyridinoxide complex, H bond system, obs. of intra and inter-mol. vibrations 2—24548
phenols, chlorine substituted, complexes with acetonitrile, i.r. study of inter-mol. H bonds 2—856
phenols, halogenated, hydrogen bonding with N,N'-dimethyl formamide 2—3100
phenyl compounds, monosubstituted, Gordy's rule applied to X bond 2—8810
polymer, breaking of strong bonds 2—1746
polymer, chain rupture on elongation up to fracture 2—29292
polymer, semicrystalline, fracture mechanics, e.s.r. obs. 2—15886
polyvinyl alcohol, hydrogen bonding with dimethylsulphoxide solvent 2—3133
potassium hydrogen meso-tartrate, H-bonding, cryst. struct., X-ray analysis 2—36001
refractory transition metal cpds. with high coord., valence bonding 2—9328
rubber, fracture mechanics, e.s.r. obs., ozone effect 2—15886
salicylidene-m-hydroxyaniline, i.r. studies of H-bonding 2—28408
semiconductor, amorphous, covalent network model, electronic structure 2—19658
semiconductor, amorphous, theory 2—19613
semiconductor, group III-V cpds., ionicity and n.m.r. lineshifts 2—10551
semiconductor, zincblende-type, charge density 2—12690
siloxanes, dissociation energies 2—15414
small diatomic molecules, floating spherical Gaussian orbital calc. 2—21633
β-spodumene, significance of bridging oxygens in thermal expansion 2—16062
sulfoxide complexes, quasi-octahedral, coordinate bond, vibrational model 2—12280
tellurides, ionicity, Mossbauer obs. 2—4446
tetracyanoethylene oxide, aspherical electron charge density 2—28412
tetracyanomethanes, length determination by electron diffraction 2—21702
tetraphenyl derivatives of group IV elements, n.m.r. investigation 2—15395
thermal expansion, contrib. of bond length expansion and tilting 2—13049
thiazyl compound, increased valence theory 2—8679
torsion angle, standard deviation calc. 2—22120
transition metal ion in cryst. environment, cluster model 2—18961
transition metal salts, bonding from multiplet splitting in X-ray photoelectron spectra 2—35291
transition metal series, cohesive prop. variations 2—18962
transition metals, cohesive energies and virial theorem 2—1200
transition metals, IVA to VIIA, d-component of bonding rel. to solubility of IIIA to IB elements 2—22335
triazole, H-bonded cryst. with protonic conductivity, γ-induced radicals, e.p.r. and ENDOR obs. 2—26293
trichloroacetic acid dimer, neutron diffraction study of hydrogen bond 2—36006
1,1,1-trifluoroethane, dissociation energies 2—15403
2,2,2-trifluoroethylamine, intramolecular H-bonding, investigation using microwave spectrum 2—12290
trifluoroethylamine, normal and deuterated, intramolecular H-bonding, investigation using microwave spectrum 2—21703
triphenylmethylhydroperoxides, H-bond study using n.m.r. and i.r. spectroscopy 2—28417
van der Waals complex organic molecules, structure investigation 2—21649
vanadium oxides, d-electron state structural depend. 2—9318
vinyltriphenyl derivatives of group IV elements, n.m.r. investigation 2—15395
water, adsorbed molecules, hydrogen bond 2—10618
water, hydrogen bonded solvent, effect of solute on hydrogen bond formation 2—32240
water, ice cavity model for localized electrons and microscopic relaxation time 2—29078
water, lattice model with directed bonding 2—39329
water adsorbed on alkali halide films, H-bond vibration, i.r. spectra 2—9305
wurtzite struct. stability 2—35932
Zincblende alloy, charge distribution, pseudopotential approach 2—6716
zincblende alloy, comparison pseudopotential and dielectric methods 2—6717
zincblende-type cryst., deformable bond model and ionicity 2—19390
Ag halide, Lowdin approx. 2—32865
Al-Au alloys, rel. to thermodynamic props. 2—25591

Bonds continued
AlBr, AlI, investigation using nuclear quadrupole couplings determined from millimetre wave rotational spectra 2—21588
AlO emitted from H flame at atmospheric pressure, 2300-2700 K, second-law calc. of bond association energy 2—10617
Ar-O bond in highly substituted diphenyl ethers, energy barriers to rotation determ. from n.m.r. spectra 2—38975
Ar, solid, influence of three body dipole and quadrupole interactions on cohesive energy 2—22029
ArO^+, potential energy surfaces, molecular orbital calcs. 2—15307
As-Te system, glass-forming ability vs. local order and covalency 2—39438
$AsCl_3$ complex, n.q.r. obs. 2—26314
As_2S_3, amorphous, i.r. spectra, covalency 2—16465
As_2Se_3, amorphous, i.r. spectra, covalency 2—16465
B-O in $B_2O_3H_2$ 2—38887
B_5H_8Br dissociation energy of B-Br bond in 1- and 2-isomers by electron impact and extended Huckel calcs. 2—12103
B_5H_8Cl, dissociation energy of B-Cl bond in 1- and 2-isomers by electron impact and extended Huckel calcs. 2—12103
B_5H_8I dissociation energy of B-I bond in 1- and 2-isomers by electron impact and extended Huckel calcs. 2—12103
B_2O_3 glass, existence of B=O double bond supported by Raman spectrum 2—26189
BeH molecule, chemical bonding determ. from ESR spectra study 2—15287
$BiRhO_{3\|x}$, pyrochlore, rel. to defect. struct. stability 2—9458
C-H, transferability between methane and ethane molecules 2—35338
CO_3^{2-}, X-ray spectroscopic investigations and ab initio SCF-MO calc. 2—31821
C—C, single, double and triple, electron density distribs. 2—15679
$CaAsO_3(OH).H_2O$, haidingerite, period of bond chains 2—39636
$CaAsO_3(OH).H_2O$, haidingerite, hydrogen bonding 2—39637
$CaF_2:Eu^{2+}$, covalency, rel. to temp. depend. of zero field splitting 2—19940
$CaF_2:GdF_3$, solute concentration effect on dipole reorientation kinetics 2—25239
$CaF_2:Tm^{2+}$; energy level splitting, covalency effects 2—19942
$Cd_xHg_{1-x}Te$ mixed cryst., e.p.r. parameters depend. on ionicity 2—13537
CdS, ionicity, mag. susceptibility obs. 2—10208
CdSb, single cryst., rel. to anisotropy of elastic properties 2—15800
Ce, f-bandwidth effects on α-γ phase transform. 2—19295
ClO_3^-, X-ray spectroscopic investigations and ab initio SCF-MO calc. 2—31821
ClO_4^-, X-ray spectroscopic investigations and ab initio SCF-MO calc. 2—31821
Co complex, $D_3Co(CN)_6$, low temp. neutron diffraction study, N-D dist. H bond study 2—15715
$Co_4(CO)_{12}$, ^{12}C-O and ^{13}C-O bonds, investigation using i.r. spectra 2—38900
$CoCl_2.6H_2O$, n.m.r. of deuterons, quadrupolar coupling, hydrogen bonds 2—13550
CrF_4, molecule, bonding nature, from mol. rotational spectrum 2—8606
CrO_2, high pressure synthesis and bond lengths 2—25253
CrTe, Cr_2Te, Cr_2Te_3, ionicity, Mossbauer obs. 2—4446
CsD_2AsO_4, EFG fluctuations at D sites in O-D...O bonds 2—29844
Cu-Ti intermetallic phases, X-ray absorpt. spectra 2—22763
Cu complexes, solvent effects, rel. to hyperfine coupling constants and g-factors 2—25112
$CuCr_2Te_3I$, ionicity, Mossbauer obs. 2—4446
$CuF_2.2H_2O$, crystal structure by neutron diffraction, meas. of H-O-H bond angle in water molecule at 298K 2—35985
Cu(II) morpholinebiguanide coord. cpds., bond covalence degree, e.p.r. meas. 2—26278
Er^{3+}, in oxidic lattice, luminesc. rel. to, bonding, lattice effects 2—26225
ErI_3, covalent bonding rel. to interpretation of unresolved quadrupole splitting in ^{129}I Mossbauer spectra 2—40629
Fe-Co, rel. to ordered state formation, X-ray spectral investigation of electronic energy spectrum 2—36920
FeF_2, weak covalency effects 2—36788
Fe(II) and (III), complexes with 1,10 phenanthroline and 2,2′-bipyridyl, Mossbauer study of structure and bonding 2—7056
GaSb:Te(Zn), influence of doping elements 2—29666
β-GaSe, layer compound, interlayer bonding, i.r. and Raman obs. 2—25663
Gd^{3+} in hexagonal crystals covalency effects, departures form electrostatic crystal field models 2—40582
GdI_3, covalent bonding rel. to interpretation of unresolved quadrupole splitting in ^{129}I Mossbauer spectra 2—40629
Ge:H, Ge-H bond parameters rel. to atomic muon dimens. 2—28225
Ge-Si alloy, Raman spectra, bond vibr. 2—20068
Ge, amorphous, unsaturated, e.p.r. obs. 2—4551
Ge, covalent bonding, rel. to vacancy formation and migration 2—18964
Ge, F_{222} obs., bonding electron density meas. 2—3702
Ge III, cryst. struct. stability, force constant study 2—22096
Ge surface atoms, rel. to e.p.r. obs. of clean surfaces 2—30009
GeH_3H and GeH_2X_2, Π bonding 2—21643
GeS, changes on crystn. to amorphous transition rel. to spectra changes, 0.5-21 eV 2—20015
H-O in various salt hydrates 2—20016
H, between admolecules and surface hydroxyls for adsorption of CO and N_2O on silica 2—9304
HCl, self-consistent field study of bonding, geometry and physical props. 2—8630
$HClO_4.3H_2O$, hydrogen bonding and cryst. struct. 2—29142
$(HF)_6$, CNDO/2 study of properties of ionic defect structure 2—9596
HI_2 radical, hydrogen-bond strength 2—21604
H_2O dimer, hydrogen bond, effect of electron correl. 2—5930
H_2O_2 and H_2O dimers, molecular orbital theory of hydrogen bond 2—38905
HeO^+, potential energy surfaces, molecular orbital calcs. 2—15307
HgTe, HgSe, and mixed cpds., e.p.r. obs. 2—26280
K, solid, cohesive energies and radii of metal cells calc. by ab initio method 2—1198
KCl, off-centre behaviour of paramag. atom due to covalency 2—10509
KD_2PO_4, rel. to high temp. transition and metastability 2—22624
$KFeF_3$, weak covalency effects 2—36788
KH_2AsO_4, ferroelectric, hydrogen-bond model, long range correlation, n.m.r. and dielectric relax. obs. 2—10553
KH_2PO_4, rel. to high temp. transition and metastability 2—22624

Bonds continued
- $K_2MFe(NO_2)_6$, (M=Ca, Sr, Ba, Pb), Mossbauer obs. rel. to π-bonding of NO_2^- group 2—36836
- $KMgF_3$:V^{2+}, coalent spin transfer, e.p.r. and ENDOR obs. 2—20143
- $KMnF_3$, doped, covalency effects and F2 hyperfine interaction 2—20144
- $KNiF_3$, covalency and ligand field effects, Hartree-Fock calcs. 2—40590
- LaI_3, covalent bonding rel. to interpretation of unresolved quadrupole splitting in ^{129}I Mossbauer spectra 2—40629
- Li, solid, cohesive energies and radii of metal cells calc. by ab initio method 2—1198
- LiH, electron momentum distribution, Compton scattering study 2—3564
- $LiH_3(SeO_3)_2$, ferroelectric, hydrogen bonding 2—25335
- $M^{II}U_2^VF_{12}.4H_2O$ (M=Co,Ni, or Cu), coordination number 2—33275
- $Mn_{5-x}Fe_xSi_3$, mag. moment, Mossbauer effect obs. 2—25245
- MnRhSi 2—9349
- N-N bonding compounds hydrzines, ^{14}N nuclear quadrupole resonance spectra 2—8784
- NH_4ClO_4, evidence of H bonding 2—40675
- NH_4X, X-halide, effects of H bonding on i.r. spectra from vibr. study 2—10390
- Na, solid, cohesive energies and radii of metal cells calc. by ab initio method 2—1198
- $NaBO_2$, ^{18}-labelled, B-O stretching vibrations rel. to hydrogen bonding 2—21589
- NaCl, Mn^{2+} ground state splitting, covalency and overlap models 2—13542
- NaO_2, NaO_2^+, bond enthalpies from Hartree-Fock molec. orbital studies 2—37032
- Nb, and Nb compounds, X-ray K-emission, ionicity and valence 2—20084
- NbRhGe 2—9349
- NeN^+, potential energy surfaces, molecular orbital calcs. 2—15307
- Ni complex, $(n\text{-}C_4H_9)_4N.NiS_4C_4(CN_4)$, in n-butanol and $CHCl_3$, e.s.r. obs. 2—9166
- Ni complex, Cu(II) doped α-bis(thiosemicarbazide) Ni(II) $SO_4.3H_2O$, e.p.r., covalent bonding 2—26286
- $NiFe_xCr_{2-x}O_4$, ferrite, chem. bond covalent degree exchange, X-ray and Mossbauer obs.. 2—40635
- Ni_2Te_3, ionicity, Mossbauer obs. 2—4446
- O-C (sp^3) single-bond distance 2—8714
- OH, possible formation through inverse predissociation 2—12186
- P-S, dipole moment 2—3021
- PO_4^{3-}, X-ray spectroscopic investigations and ab initio SCF-MO calc. 2—31821
- P=Se, characterization by use of ^{31}P n.m.r. to study ^{31}P-^{77}Se coupling 2—5903
- PdO, model rel. to semiconductivity 2—3575
- Pt compounds, nature of ligands from electron binding energy meas. 2—31824
- RbH_2PO_4, rel. to high temp. transition and metastability 2—22624
- $Rh_4(CO)_{12}$, ^{12}C-O and ^{13}C-O bonds, investigation using i.r. spectra 2—38900
- S-Cl in organic molecules, ^{35}Cl n.q.r. 2—21650
- SF_5Cl, investigation using quadrupole hyperfine effects in microwave spectrum 2—38939
- SO_4^{2-}, X-ray spectroscopic investigations and ab initio SCF-MO calc. 2—31821
- Se, rel. to long wave optical phonon freq., comparison with Te 2—22406
- Si:H, Si-H bond parameters rel. to atomic muon dimens. 2—28225
- Si, covalent bonding, rel. to vacancy formation and migration 2—18964
- Si, F_{222} obs., bonding electron density meas. 2—3702
- Si III, cryst. struct. stability, force constant study 2—22096
- Si surface atoms, rel. to e.p.r. obs. of clean surfaces 2—30009
- SiH_xX_{4-x}, X=halogen, photoelectron spectra studied to obtain information on bonding 2—24433
- SiO_2, amorphous, rel. to structure 2—22050
- SiO_2, polymorphs, π bonding 2—9319
- SiO_2, vitreous, press. induced conformational changes 2—18903
- SiO_2 polarizability, effects of radiations 2—19733
- Sn chalcohalides, ionicity rel. to chem. shifts in Mossbauer spectra and $K_{\alpha 1}$ line 2—10329
- SnH_3Br, Sn-Br bond length from microwave spectrum 2—15337
- SrF_2:Eu^{2+}, covalency, rel. to temp. depend. of zero field splitting 2—19940
- σiH_3X and SiH_2X_2 π bonding 2—21643
- Te, rel. to long wave optical phonon freq., comparison with Se 2—22406
- Ti-Co, rel. to ordered state formation, X-ray spectral investigation of electronic energy spectrum 2—36920
- Ti-Mo, rel. to ordered state formation, X-ray spectral investigation of electronic energy spectrum 2—36921
- Ti-O system oxides, ionicity comp. depend. from structure factor determ. using electron diffraction 2—9348
- TiO_2-SiO_2 glasses and significance of bridging oxygens upon thermal expansion 2—16062
- TiRh(Pd)Si 2—9349
- TlI, orthorhombic and cubic modifications, proportion of covalent component of chemical bond 2—4560
- V, crystal, atomic bond estimation from X-ray charact. temp. 2—18963
- VO complexes, solvent effects, rel. to hyperfine coupling constants and g-factors 2—25112
- VO_2, homopolar, metallic V-V bonding, transitions 2—4007
- W, chemisorbed H, surface short range interaction investigated 2—7175
- W (111) surface, adsorption and displacement of methane, H_2 or O_2 binding energies 2—25235
- WC, chem. bonding rel. to deform. characts., X-ray line broadening obs. 2—32493
- Yb^{3+}, in oxidic lattice, luminesc. rel. to, bonding, lattice ffects 2—26225
- YbS, YbSe, YbTe, optical spectra, energy band struct. bond ionicity depend. 2—16476
- Zr-Co, rel. to ordered state formation, X-ray spectral investigation of electronic energy spectrum 2—36920
- ZrMGe, M=Fe, Rh, Pd 2—9349
- ZrN_x, NKα X-ray emission band 2—20088
- ZrO_2, chem. bonding rel. to deform. characts., X-ray line broadening obs. 2—32493

Bone *see Materials*

Bootstrapping
- ABFST model, Regge slopes and schizophrenic pomeron 2—34647
- classical space-time props. rel. to strong interactions, unique S-matrix requirement 2—21268
- conformal invariant field theory calcs. 2—38196

Bootstrapping continued
- density of hadron states in statistical bootstrap model, asymptotic parameters 2—17839
- diffractive Pomeranchukon bootstrap, application to inclusive expts. 2—17884
- equations for three point Wightman functions formulated, proved to have conformally invariant solution 2—11589
- fixed pole Pomeranchukon bootstrap in asymptotic high energy hadron hadron scattering 2—14605
- hadron interactions, multiperipheral bootstrap model with SU(3) multiplets 2—21258
- hadrons internal symmetries, contradictions between duality and bootstrap predictions 2—23804
- high energy scatt., explanation of fixed pole at J=1 2—14604
- inclusive bootstrap, possibility of formulation 2—23776
- infinitely composite particles, Z=0 condition 2—14509
- minimal model, meson world, property of Lie algebras 2—14618
- multiperipheral models, s-channel unitarity constraint 2—21279
- nuclei, theory of quasirotational spectra 2—31437
- peripheral model combined with duality 2—17867
- pseudoscalar meson pseudoscalar meson scattering, derivation of Su3 couplings, canonical mixing angles and absence of exotics 2—17888
- quark origin possibility 2—23807
- statistical bootstrap model of hadrons 2—31222
- statistical bootstrap model of hadrons with spin 2—17887
- SU(n) Lie algebras, special bootstrapping property 2—31235

Bordoni effect *see Acoustic wave propagation/ultrasonic; Damping; Internal friction*

Boron
- atom, effects of spatial symmetry restrictions on hyperfine splitting constants 2—8442
- atom, electron impact ionization, cross section calc. for ground state config. 2—2953
- atom, lifetimes and oscillator strengths in spectra, beam-foil technique 2—18484
- atom, multiconfiguration self-consistent-field calcs. for several states, determ. term energies and oscillator strengths for allowed transitions 2—28186
- chemical analysis for high conc. using neutron resonance 2—30128
- composite, B/epoxy, fracture, fibre breaking, acoustic emission obs. 2—19211
- composite, B/epoxy shear panels, diagonal tension behaviour 2—22350
- cosmic ray nuclei, interstellar propagation, differential kinetic energy/nucleon spectra 2—4764
- detection in various matrices using nuclear track techniques 2—7200
- diffusion in Si 2—12785
- diffusion in SiC:Al(N), heavy doping influence 2—29222
- discharge lamp, spectral line width 2—8048
- dopant in pyrolytic graphite, neutron irrad. 900-1200°C, effect on dimen. changes 2—19432
- dopant in Si, Li-B ion pair formation and Li precipitation 2—1255
- filament reinforcement of Al composites, thermal expansion control 2—32745
- fluorescence yield, K-shell determ. using synchrotron radiation 2—35132
- glow discharge deposition, on steel and W fine wires 2—3525
- in graphite, effect on thermal cond. 2—22429
- Harwell-Lintott industrial ion implantation machine, evaluation by making Si planar resistors 2—37935
- inclusion in explosive detonation parameters calc. 2—7173
- ion implantation in diamond, p-n junction form. 2—36045
- ion-implanted in Si, sheet resistivity meas. 2—10075
- lunar abundance in fines from Apollo and Luna missions 2—7508
- Lyman alpha satellite lines, overlap with Ar ion spectra 2—15210
- magnetic props., low temp. 2—30007
- molecular electronic structure, extended Gaussian-type basis, SCF MO method 2—31776
- multiply charged ion beam passing through celluloid film, determ. of electron loss and capture cross section 2—1447
- neutron detector system for monitoring whole dynamic range of reactor 2—31375
- paramagnetic susceptibility, e.p.r., high temp. 2—10170
- in pyrocarbons, graphitization, mag. study 2—3984
- quantitative determination of B content in solids, autoradiographic method 2—16713
- β-rhombohedral, trapping levels and parameters detn. 2—19665
- solubility in Fe-Ni-Cr steel, solubility curve, solubility boundary 2—22340
- solubility in Fe-Ni-Cr steel 2—22339
- whisker, growth, β-rhombohedral phase 2—1190
- X-ray spectra, emission and photoelectric K-spectra 2—29943
- Al/B composite, fibre reinforced, plastic stress-strain, fatigue 2—22282
- B-Li pairs in Si-Ge alloys, localized vibr. modes 2—13482
- β-B, rhombohedral, density of states, carrier mobility 2—22458
- β-B, rhombohedral, optical anisotropy, 0.4-16μ 2—40644
- B I v.u.v. spectrum, solar abundance studies 2—15213
- B^{2+}, dynamic polarizability and excited state wavefunctions 2—35123
- B^{3+} electron capture from rare gas atoms, comparison of exptl. and Landau-Zener cross sections 2—671
- BI, s-p and p-d oscillator strength calc. using frozen core version of Hartree Fock approx. 2—8441
- ^{10}B γ-ray detector, det. of efficiency using Monte Carlo method 2—27892
- B^{3+}+He collisions, electron capture and total cross section meas. 2—661
- BeO:B, phosphor, thermolum. props. 2—29970
- Cd filter, calc. of neutron transmission function, 1/E spectrum in graphite moderator 2—544
- Fe:B, channelling, interstitial impurity location technique 2—36051
- inGaAs, i.r. absorpt. bands due to localized vibrs. 2—33263
- GaP:B, optical absorpt. by lattice and local vibrs. 2—1690
- GaP:B, radiation damage centre, local mode absorpt. 2—29167
- Ge:B,P, amorphous, ion implanted, path length distrib., 25-150 keV 2—25710
- Ge:B ion implanted, elec. props. and doping profile 2—25859
- Si:B, carrier recombination, electron lifetime, hole lifetime, 1.7-4.2 K 2—16244
- Si:B, doping profile, from BN film diffusion source 2—3796
- Si:B, electron irrad. damage and cond. 2—22178
- Si:B, epitaxial grwth, effect of water vapour on doping 2—12665
- Si:B, high resistivity photoconductor, gain saturation 2—19789
- Si:B, hole capture by neutral B atoms, hole conc. and lifetimes 2—16243
- n-Si:B, implanted, acceptor conc. obs. 2—25868
- Si:B, ion implanted, lattice parameters 2—9488

Boron continued
- p Si:B, subthreshold electron irrad. effects 2—12752
- Si:B,P, lattice contraction coefficients detn. 2—22225
- Si:B diffused, surface layer conc. of boron 2—9589
- Si:B implanted, acceptor profiles, damage depth distrib. 2—6504
- Si:B implanted, annealing behaviour and elec. props. 2—33016
- Si:B implanted, deep level centre obs. 2—4231
- Si:B ion implanted, conc. distrib. and atom location, ion produced x-ray obs. 2—25436
- Si:B ion implanted, crystal damage and elec. props. 2—25380
- Si:B ion implanted, elec. profile and annealing behaviour 2—25867
- Si:B ion implanted, enhanced annealing effects, by postimplantation of Si ions 2—19112
- Si:B ion implanted, photocond. obs. of defects 2—25960
- Si:B ion implanted, post implantation of Si ions, enhanced annealing effects 2—25428
- Si:B ion implanted, random and channelled distrib. 2—25427
- Si:Li,B, ion pairing and ground state degeneracy, resistivity and Hall effect obs. 2—36053
- W:B, channelling, interstitial impurity location technique 2—36051

Boron compounds
- binary borosilicate glass films, vapour deposited, i.r. absorption spectra 2—16484
- borates, dolomite type, thermal expansion anisotropy 2—9893
- boride composites, fracture energy 2—1323
- borides, refractory, high temp. enthalpies 2—19274
- borides of rare-earth metals, B-rich, synthesis and characterization 2—9337
- borine carbonyl, high resolution spectrum of ν_5 perpendicular band 2—8582
- complexes, vibrational assignment of i.r. and Raman spectra 2—15283
- diborane, molecular charge densities from theoretical X-ray scatt. factors 2—6419
- hydroborates, forms of threefold $[B_3O_8]^{7-}$ ring 2—9450
- metal-B-N system, equilib. state, chemical bonding, crystal and electronic struct. 2—29489
- strontium borates, compounds and glasses, e.s.r. of Mn^{2+} 2—16648
- suboxide, prep. and characterization 2—9331
- trihalides, crystalline, 77 K, Raman spectra and factor group analyses 2—22783
- $^{a}BD_3CO$, A=10, 11, molecular vibrational constants calculated from standardized set of symmetry coordinates 2—12104
- $^{a}BH_3CO$, A=10, 11, molecular vibrational constants calculated from standardized set of symmetry coordinates 2—12104
- B/epoxy composite, fracture surface energy rel. to acoustic emission 2—32644
- B-C-Si system, phase equilib. 2—32785
- B-C-Si system, solid soln. formation, phase distribs., liquidus area determ. 2—9793
- B-C coupling constants, 1-methylpentaborane (9) 2—24543
- BAs, cryst. growth, elec. props. 2—15686
- BBr_3, i.r. intensity of A_2 bands and B-Br bond moment 2—38888
- B_2Br_4, crystalline and fluid, vibrational spectra and molecular symmetry 2—15284
- BC_x, impact strength determ., drop weight test method 2—29443
- $B_{12}C_3$, crystal morphology, cleavage, surface and atomic struct. 2—9455
- B_4C, dislocation nodes, extended dislocations, twin boundary energy, electron diffr. obs. 2—25403
- B_4C, thermal neutron irrad., He bubble formation 2—3755
- BCl_3, electron attachment processes 2—32113
- BCl_3, gaseous, CO_2 laser beam propag., self- induced transparency 2—5911
- BCl_3, gaseous, total electric polarization 2—15543
- BF, microwave spectrum, molecular constant determination for vibrational ground state 2—15285
- BF molecule, first ionization potential, obs using electron impact mass spectrometry 2—12102
- BF_2 molecule, implantation in Si 2—25429
- BF_3, electron attachment processes 2—32113
- BF_3 counters, for detecting Be using γ-n reaction, electronic arrangement 2—38381
- BF_3 proportional counter immersed in water moderator as neutron detector for study of photonuclear reactions 2—18009
- BF_4^-, calculation of valence force field, force constants of F_2 matrix presented 2—12107
- BF_2OH, structure and dipole moment from microwave spectrum 2—35230
- BH, electronic correlation effects, computer prog. for generalized Bethe Goldstone calcs. 2—35211
- BH, Franck-Condon factors and r-centroids of A-X band systems 2—3028
- BH_2, ground and excited states, Hartree- Fock method using Slater basis set 2—8579
- BH_3, application of extended coupled-pair, many-electron theory 2—12105
- $B_{10}H_{13}^-$, ^{11}B n.m.r. spectrum obs. 2—5910
- B_2H_6, and methyl and chloro derivatives, proton magnetic resonance 2—35232
- B_2H_6, generalized valence bond orbitals 2—8583
- B_5H_8Br dissociation energy of B-Br bond in 1- and 2-isomers by electron impact and extended Huckel calcs. 2—12103
- B_5H_8Cl dissociation energy of B-Cl bond in 1- and 2-isomers by electron impact and extended Huckel calcs. 2—12103
- B_5H_8I dissociation energy of B-I bond in 1- and 2-isomers by electron impact and extended Huckel calcs. 2—12103
- BH_3NH_3, SCF calc. of barrier to internal rotation, w.r.t. vibrational coords. 2—12106
- BN:C, F-centre, e.s.r. spectra 2—20131
- BN-TiB_2-Al powder, hot pressing, evaporating element prep. 2—39956
- BN, candoluminesc. 2—7106
- BN, film, on Si substrate, diffusion source 2—3796
- BN, graphitic, H and O chemisorption, CNDO/2 molecular orbital calc. 2—7177
- BN, group analysis and decomp. of crystal Hamiltonian in Fourier series 2—3696
- BN, hexagonal, band struct. and density of states 2—9930
- BN, pseudo current glow curves 2—40275
- BN, semiempirical calculation of electronic zones 2—29686
- BN film, optical props., refractive index and absorp. edge 2—26159
- BN polymorph form. under h.p. 2—33821
- B_2O_3-CaO-MgO-SiO_2, refractory system, solid-liq. relationships at 1550°C, compatibility relationship diagrams 2—32305

Boron compounds continued
- B_2O_3-Cs_2O-P_2O_5 glass, containing Cu^{2+}, struct., e.p.r. study 2—28976
- B_2O_3-PbF_2-PbO system, solvent in YIG synthesis, primary crystn. fields 2—29101
- B_2O_3-SiO film, a.c. and d.c. cond., and e.s.r. obs. 2—40324
- BO_2-, i.r. spectra, isotope effects 2—24439
- BO_3, ionic dissoc. energy in elect. cond. behaviour 2—25912
- BO_3 melt, O_2 self-diffusion 2—15581
- B_2O_3, amorphous films, in situ meas. of capacitance and permittivity 2—4265
- B_2O_3, basic topology of struct. 2—32409
- B_2O_3, crystalline, ^{11}B NMR meas. rel. to structure 2—22838
- B_2O_3, diffusion of He, Ne, A, D_2, desorption rates, diffusion coeffs., activation energies 2—3819
- B_2O_3, molten, struct. 2—9222
- B_2O_3 glass, flow behaviour during extrusion 2—22331
- B_2O_3 glass, Raman spectra assignments mode for observed lines, existance of B=O double bond 2—26189
- B_2O_3 molten, density obs. at high temps. by hydrodynamic weighing 2—6217
- $B_7O_{13}^{5-}$, cubic-orthorhombic phase transition, thermodynamic theory 2—9792
- $B(OH)_3$ and its thermal decomposition products, i.r. vibrational spectra 2—29909
- $B_2O_3H_2$, conformation and electronic structure, CNDO and INDO calculations 2—38887
- BP, dissociation energy and heat of formation measurement 2—31777
- BP, refractory semicond., single crystal growth from B-Ni-P soln. 2—9358
- BPO_4, adsorption of Ar, surface homogeneity obs. 2—22083
- B_2Se_3-Tl_2Se system, phase diagram determ. 2—36274
- CaO-ZnO-B_2O_3 system, phase equilib., X-ray diffr. 2—22376
- Cu-B, phase diagram, reassessment 2—3432
- Cu-Ni/BN composite plasmic coating, prep., struct., and props. 2—12985
- Fe-B-N alloy, precip. rel. to formability and texture 2—32728
- HBO isolated in Ar matrix, i.r. spectrum 2—28293
- $H_2B_2O_3$, photolysis in Ar matrix, i.r. spectroscopy 2—28293
- H_3BO_3, effect on dielec. props. of hydrous alumina film 2—9265
- MnAl-B alloys, composition dependence of coercive force 2—29795
- Ta-B system, phase diagram, from thermal and X-ray anal. 2—13015

Borrmann effect *see X-ray diffraction*

Bose gas *see Quantum fluids/boson systems*

Bosons
- *see also Gravitons; Internal bosons; Photons; Quantum fluids/boson systems; Statistical mechanics/quantum*
- boson-nucleon collisions, single pion production, spectra and distributions in unitarized model of quasi-two-body contributions 2—23844
- classification as composite particles within a given irreducible representation of a Lie group 2—27038
- cosmons, quanta of Yang-mills field of local scale transformations 2—14073
- expansions for fermion pair operators, nucleons with single j shell 2—2679
- gauge field theory 2—21209
- Goldstone, scale invariance and f′ trajectory 2—23873
- Goldstone bosons, relativistic quantum theory, necessity for zero helicity 2—5478
- massless two-dimensional world, fermion states rel. to boson states 2—14531
- motion in intense electromagnetic field, soln. of Klein-Gordon eqn. 2—245
- neutral, mass 953 MeV and narrow width, evidence from p+d reaction 2—2542
- nonets, asymptotic SU(3) symmetry, mass relations 2—363
- parboson representations of $Sp_{4,r}$ algebra and their reduction with respect to $O_{3,1}$ subalgebra 2—17800
- relativistic one-boson-exchange model for elastic nucleon-nucleon interaction 2—34706
- spectroscopy and natural and unnatural spin parity systems 2—21253
- SU(3)×SU(3) rel. to Goldstone bosons, linear σ model 2—21216
- two-level system, excitation, damping by interaction with bosons 2—2160

Boundary layers
- aerofoil design 2—3319
- air-sea interaction and the boundary layer, turbulent exchange processes 2—40930
- air-water interface, forced convection heat and mass transfer 2—21752
- annular plate, solution of equations of finite stretching 2—130
- atmosphere, baroclinic steady state hodographs of winds 2—26489
- atmosphere, Ekman, stress due to flow over hills 2—10724
- atmosphere, surface and planetary, finite difference schemes 2—7275
- atmosphere vertical two point longitudinal velocity fluctuation differences standard deviation 2—26488
- atmospheric, above oceans, hydrostatic stability conditions 2—13635
- atmospheric, stratification and friction layer on sea, effect on vertical profiles of turbulence, wind and currents 2—30277
- atmospheric, turbulence due to unstable stratification, temporal and spatial variability 2—1846
- atmospheric, turbulence generation 2—40937
- atmospheric waves in planetary boundary layer using acoustic sounder and microbarograph array 2—40924
- axisymmetric over circular cylinder additional data for calc. of steady heat or mass transfer 2—20954
- baroclinic planetary boundary layers, parametrization of turbulent fluxes of momentum, heat and moisture 2—37123
- barotropic planetary, flows, Rossby similarity 2—33455
- buoyancy and the Boussinesq approximation in horizontal layers 2—24589
- chemically reacting flows on surface 2—39267
- circular cone in supersonic flow 2—3288
- compressible, flow computation by method of weighted residuals using exponentials 2—28435
- compressible flow past a swept wavy wall with heat transfer and ablation 2—28708
- compressible laminar and turbulent, solution of equations using implicit fine difference technique 2—28436
- compressible turbulent, heat transfer to rough surfaces 2—28690
- convection about vertical flat plate, solution of equations 2—30885
- diffuser flow, measurement of intermittency factor 2—8879
- diffusion of drag reducing polymers in turbulent layer 2—25013
- drop motion in two-phase boundary layer on flat plate 2—12531
- Earth's atmosphere, nonstationary problem 2—26827

Boundary layers continued
- eddy viscosity models for turbulent free shear flows, boundary layer equations soln. 2—35672
- eddy-viscosity model for turbulent-wake calculations 2—32159
- Ekman boundary layer interactions in numerical model of general circulation 2—40929
- Ekman flow, stability, thermal layers influence 2—4676
- e.m. processes in MHD channels, boundary discontinuity problem 2—28492
- equations, flow past spheres, ellipsoids, second-order curvature effects, analysis 2—3175
- erosion patterns caused by water waves on beach sand, hyperbolic outer flow 2—3349
- flexible surface, effects on surface shear-stress fluctuations beneath a turbulent layer 2—24961
- flow, along convergent-divergent nozzle, turbulent boundary layer meas. 2—18760
- flow, high Rayleigh number convection, effects of boundary conditions 2—12341
- flow, laminar, incompressible, unsteady 2—35420
- flow, magnetoconvective 2—24614
- flow, unsteady between two parallel coaxial disks 2—12320
- flow and Couette Poiseuille flow stability and effects of viscoelasticity 2—9056
- flow on rotating vane, surface velocity at exit of vane 2—24599
- flow past axisymmetric body with main stream in unsteady motion, response of skin friction to angle and perturbation parameters 2—39054
- flows, application of Reynolds stress model of turbulence 2—35410
- fluctuating flow of a gas near a stagnation point on a hot wall, series solutions 2—35655
- fluid, Boltzmann eqn., boundary layer type soln. by Chapman-Enskog method 2—31918
- fluid, cylindrical, thermoconvective instability analysis for non-axisymmetric flows 2—6031
- fluid, hydromagnetic oscillations in a rotating cavity 2—8901
- free convection in fluids at high Prandtl numbers, double boundary layer concept 2—20959
- free convection laminar boundary layer flows, asymptotic suction profiles 2—35665
- gas flow, turbulent Schmidt and Lewis nos. 2—12486
- gas reaction, laminar compressible layer, integral solution 2—24958
- generalized vortex 2—35412
- heat and mass transfer analogous behaviour 2—35431
- heat and mass transfer in an incompressible turbulent boundary layer 2—39246
- heat transfer, compressible 2—188
- heat transfer through axially symmetric layer on moving circular fibre 2—6685
- heterogeneous media, Poisson fields, Green functions 2—37837
- hypersonic flow over a rearward facing step, study of separation 2—21733
- hypersonic strong interaction boundary layer equations, numerical studies 2—21732
- incompressible fluid, 2-dimensional turbulent boundary layer, heat transfer, asymptotic theory 2—18550
- incompressible fluid, 2nd order, with heat transfer, self-similar solns. 2—12323
- incompressible turbulent, computation at low Reynolds numbers 2—24604
- induced pressure on flat plate moving at hypersonic speed, exact numerical solution 2—21726
- insulated flat plate moving at hypersonic speed 2—6141
- interactions with turbulent shock hypersonic flow at wedge compression corner 2—39057
- jet flow, free, axisymmetric, transformation of equations using invariants 2—929
- laminar, heat transfer from sphere to air stream 2—28739
- laminar, in elastico-viscous fluid flowing past infinite plane porous wall 2—6020
- laminar, mass transfer with irreversible chemical reaction 2—6015
- laminar, on a semi-infinite plate due to small fluctuations in the magnitude of the free-stream velocity 2—12337
- laminar, stability on concave wall with suction 2—28461
- laminar, vel. to heat transfer at melting flat surface 2—1137
- laminar boundary -layer/shock wave interactions on flared axisymmetric bodies under adiabatic conditions 2—18723
- laminar boundary layer flows, effect of mass transfer on recovery factors 2—32150
- laminar constant pressure, hypersonic limits 2—24605
- laminar MHD boundary layers, lateral velocity profile, on current conducting surface 2—28486
- laminar unstable, longitudinal vortices 2—12321
- magnetohydrodynamic, at large Stewart numbers on disc and longitudinal streamline flow on rotating body 2—959
- magnetohydrodynamics, turbulent boundary layers with electron thermal nonequilib. and finite rate ionization 2—31935
- mass transfer near interface, equivalence of penetration and boundary layer theories 2—31888
- MHD, ionizational and electron thermal nonequilibrium 2—28484
- MHD control to reduce drag on submerged vehicles 2—3340
- MHD flow, aligned field on flat plate, heat transfer 2—39084
- MHD flow past alternating electrodes and magnetic poles, velocity profiles 2—965
- MHD generator characteristics, boundary layer effect over wide range of Hall numbers 2—11423
- MHD generator performance rel. to gas boundary layers 2—23494
- natural convection, effect of thermal radiation 2—27321
- natural convection boundary layer, laminar- to-turbulent transition 2—39301
- nonadiabatic flat plates, hypersonic turbulent skin-frinction and boundary-layer profiles 2—32158
- nonequilibrium along a flat plate in a partially ionized gas, structure determ. 2—18697
- nonlinear resonant instability, resonant triads of Tollmien-Schlichting waves 2—6040
- nonstationary 3-dimensional thermal layer with buoyancy effect 2—7784
- ocean, inertial boundary layer, geostrophic approximation 2—13656
- ocean and atmosphere, nonstationary interaction 2—20290
- ocean mixing and layer formation in a stratified fluid 2—30242
- oscillatory flow, nonsimilar solution of the laminar layer by an integral matrix method 2—35671
- oscillatory flow of dipolar fluid between parallel plates 2—35416

Boundary layers continued
- partially ionized gas, nonequilibrium stagnation point boundary layer 2—28655
- planetary, barotropic, exchange coeffs., vertical profiles 2—4989
- planetary boundary layer flow in the atmosphere, a mixing-length hypothesis 2—20301
- planetary boundary-layer equations, iterative method of solution 2—20302
- plasma, cold with confined mag. field, structure, model 2—995
- plasma, electron-density and electron-temp. meas. 2—24767
- plasma equilibrium turbulent boundary layers, mean and fluctuating electron density 2—28526
- polymer, drag-reducing, suppressed diffusion in a turbulent layer 2—25014
- pressure fluctuations beneath turbulent layer in air, transducer discrimination 2—15527
- rotating fluid, unsteady layers 2—31916
- separation measurement by schlieren photography 2—2258
- separation point, flow through in-line tube bank 2—3173
- shear flow past semi-infinite flat plate 2—28445
- shock layer, viscous, absorbing and emitting, asymptotic solution for radiative heat transfer 2—21729
- shock tubes, effects of laminar and turbulent layer buildup on chemical rate measurements 2—1748
- shock-induced interaction problems, solution by integral method 2—35674
- sound radiation with controlled layer, noise and intensity 2—28728
- sphere in layer of spheres, 3-dimensional boundary layers with large crossflows, finite-difference soln. 2—24601
- stability, effects of mainflow transverse velocities 2—12332
- stratified airflow over a heated island, wind tunnel experiments 2—21907
- structure, effect of blowing on flow past plate 2—15436
- subsonic aerodynamic gas flow, theoretical soln. 2—9019
- suction through narrow slots 2—15439
- supersonic, turbulent, jet interaction-induced separation, two dimensional problem 2—35660
- supersonic flow round cone 2—39253
- supersonic laminar, near the plane of symmetry of a cone at incidence 2—11923
- supersonic turbulent, exptl. investigation of total temperature and Mach. number distributions 2—18724
- suspension, laminar, migration meas. by laser-Doppler anemometer 2—25120
- temperature meas. by laser interferometric holography 2—17454
- thermal, non-similar, solution method 2—18567
- thermal, water surface waves effects 2—6181
- thermal radiation at planetary entry velocities 2—35664
- three dimensional laminar flow, effective approximation for numerical computation 2—28447
- three-dimensional elasto-plastic flow, boundary integral equations 2—2215
- time-dependent turbulent boundary layer eqns., analysis and appl. 2—24965
- transonic region of a supersonic layer turning a sharp corner 2—35656
- turbulence in free surface channel flow, different surface roughness conditions 2—6172
- turbulence model, near walls 2—12342
- turbulent, accelerated, blown, unblown, sucked, hydrodynamics, mean vel. profile 2—18774
- turbulent, adiabatic compressible, wind tunnel model for obs. in adverse and favourable pressure gradients 2—21900
- turbulent, compressible adverse pressure gradient, profile shape calc. 2—35663
- turbulent, effect of normal shock 2—32167
- turbulent, effects of mass transfer on hypersonic flow 2—35659
- turbulent, excitation of airplane fuselage and interior noise radiated 2—174
- turbulent, heat transfer during kinetic burning on porous surface 2—27317
- turbulent, infinite yawed wing 2—3304
- turbulent, large scale motions during relaminarization 2—39056
- turbulent, numerical calculation of development 2—18552
- turbulent, on a porous plate, heat transfer with uniform blowing and suction 2—39068
- turbulent, on rotating nose-body, soln. by converging iterative method 2—3305
- turbulent, on two dimensional aerofoil 2—1025
- turbulent, production of turbulence near a smooth wall 2—1050
- turbulent, Reynolds stress fluctuations 2—39061
- turbulent, similitude solutions in two- and three-dimensional flows 2—39262
- turbulent, spatial structure of viscous sublayer 2—8877
- turbulent, three dimensional flow, mixing length model 2—6049
- turbulent, wall curvature and transition effects 2—28450
- turbulent, with pressure gradients, similitude solns. for compressible flow 2—28470
- turbulent and laminar, mass transfer, cylinder to air 2—18732
- turbulent flow, unsteady heat transfer 2—31903
- turbulent free convection, interaction with downward forced flow 2—34211
- turbulent free shear layer velocity profiles, effect of initial boundary layer 2—35423
- turbulent incompressible, effect of discontinuity in wall blowing 2—6028
- turbulent ionised gas jet in longitudinal magnetic field 2—970
- turbulent on helical blade rotating in fluid otherwise at rest 2—18561
- turbulent shock interaction with and without injection 2—28710
- turbulent temperature, with constant wall temperature, momentum transfer 2—35707
- turbulent with suction or injection, turbulent transport processes modelling 2—28709
- two-dimensional flow, improved Patankar-Spalding transformation for numerical solution 2—3167
- velocity profiles in swirling convergent flow field 2—28465
- viscous fluids, nonlinear singular boundary value problem, extremum principles and error bounds 2—31891
- viscous incompressible fluid between rotating cylinders, example of boundary layer theory 2—27013
- wall flow, prediction of laminarization with a two- equation model of turbulence 2—21740
- wavy flow of thin films along inclined solid surfaces 2—12533
- wind over ocean, velocity, temp. and humidity fluctuations, Kolmogoroff constants det. 2—7288
- wind tunnel, low speed, measurement using pitot tube 2—3318
- wind tunnel boundary bleed, subsonic obs. 2—1027

Bragg reflection *see X-ray crystallography*

Brass *see Copper alloys*

Bravais lattice *see Crystal structure, atomic*

Breakdown, electric
see also Discharges, electric; Electric strength
arcing of oxide cathodes on current selection of single impulse 0.1 μsec to 700 msec 2—3269
dart leader, bremsstrahlung intensity as function of inter stroke time interval 2—24886
discharge, statistical variation, expt. 2—35630
discharge, statistical variation, theory 2—35595
discharges from large positively stressed electrode 2—1006
electron avalanches, in interelectrode gap in weak electric field 2—9001
gap between plasma and positive electrode 2—12375
polyethylene surface in vacuum, d.c., a.c., and surge voltages 2—22618
positive rod-to-plane gaps, characteristics and discharge mechanism in short and long time lag types 2—24888
radioactive dielectrics, microbreakdown in surface layer 2—39200
rectangular aperture antenna with lateral diffusion, microwave breakdown predictions 2—11401
spark current growth in vacuum discharge 2—1013
suspension, conc. of dispersed phase depend. 2—39396
tetrafluoroethylene surface in vacuum, d.c., a.c., and surge voltages 2—22618
vacuum, between large-area electrodes, meas. techniques 2—24882
vacuum, cathode-initiated, critical current 2—18710
vacuum, role of fast processes 2—21886
in vacuum discharger, using electron beam 2—32132
vacuum gap, dependence on surface condition of electrodes 2—35627
vacuum gap, effect of conditioning of electrodes on stability 2—9002
vacuum gap, impulse-voltage breakdown characts. at l.p. 2—9000
Fe cathode, influence of non-metallic inclusions and thin films in microregions 2—21888

gases
air, 10.6 μ radiation, breakdown depend. on beam size and pulse duration 2—6118
air, dielectric breakdown induced by focussed Nd^{3+} glass laser, comment on paper by Wang and Davis 2—24883
air, due to laser beam focusing on Pb, Cu, Al, pulse holography obs. 2—12475
air, effect of humidity on d.c., a.c. puncture voltages 2—32134
air, focussed radiation from mode locked CO$_2$ TEA laser 2—6121
air, in inhomogeneous electric field, effect of CCl$_4$ 2—24897
air, in superimposed d.c. and h.f. electric fields, formation of plasmoids 2—8998
air, influence of baffle plates on uniform electric field strength 2—24893
air, initiation by third harmonic of Nd laser radiation 2—39218
air, initiation by third harmonic of Nd laser radiation 2—35625
air, intracavity in TEA CO$_2$ laser 2—6119
air, ionizing radiation effects 2—18712
air, point-to-plane gap, influence of conductivity on voltage 2—24889
air, pulsed microwave breakdown, 1 to 1000 Torr 2—12473
air, within TEA laser cavity 2—9004
air at low pressure exposed to high power microwave pulses, fibre optics techniques 2—32133
air rod-plane gaps, glow corona, breakdown times obs. and calcs. 2—18709
computer simulation, avalanche and streamer formation 2—15515
computer simulation techniques 2—9003
d.c. ionized elec. fields, investig. methods 2—23486
delay time meas. for defining spark formation mechanisms in u.h. vacuum 2—39219
dielectric, at low density 2—3267
electron multiplication, single electron avalanche in stationary uniform electric field 2—35622
formic acid vapour, high frequency discharge 2—1015
He, high pressure, ruby laser induced, threshold breakdown fields 2—24896
h.f. discharge on formic acid vapour 2—1015
high pressure, initiated by fast electron beam 2—24892
high pressure, mechanism, effects of field distortion 2—24890
impulse, in divergent field geometries, model 2—32131
inert, glow discharge 2—6120
laser induced, self focusing 2—1014
laser pulse induced, plasma temp. meas. by soft X-ray continuum emission technique 2—32033
long spark, effect of metallic floating particles in discharge gap 2—24902
low gas density, effect of anode surface, Paschen curves 2—35624
microwave gas breakdown in food processing techniques 2—7596
molecular, optical radiation, electron-vibrational level interaction 2—39217
optically initiated, mechanism of development 2—24891
perfluorocyclobutane and perfluorobutene, rel. to mol. struct. 2—35588
power systems, flashover analysis, spark gaps 2—18713
pre-breakdown current growth due to ion impact, incident photons, one-dimensional uniform field Townsend gas discharge 2—32130
prebreakdown phenomena in positive point-plane gaps under switching surges 2—24887
spark chambers, edge profiles, field distortion at gas dielectric interface 2—34836
spark gap, under high pressure 2—15519
streamers, h.v., ionizing potential waves 2—12474
successive avalanches produced by photoemission, calculation of currents 2—35623
vacuum, 10^{-6} and 10^{-10} torr, prebreakdown currents and X-ray emission 2—21885
Ar-K salt vapour, voltage dependence on temp. and pressure 2—24894
Ar, 10.6 μ radiation, breakdown depend. on beam size and pulse duration 2—6118
Ar, capacitive discharge 2—21887
Ar, positive corona, mechanism between coaxial cylindrical electrodes 2—24907
Ar discharges, spatial and temporal dependence of pre-breakdown ionization currents 2—35608
Ar plasma, CO$_2$ laser produced, magnetic field dependent breakdown 2—32053
CO$_2$ spark discharge, small gap width, current steps 2—24908
H$_2$, spark channel spectroscopic investigation, voltage collapse 2—15518
He-Ar, He-Kr, He-Xe mixtures, optical breakdown threshold 2—35626
He, 10.6 μ radiation, breakdown depend. on beam size and pulse duration 2—6118

Breakdown, electric continued
gases continued
He, due to laser beam focusing on Pb, Cu, Al, pulse holography obs. 2—12475
He, prebreakdown ionization growth, contribution of Penning ionization of impurities 2—24831
He, random walk theory of elastic and inelastic time dependent collisional processes in electric field 2—18711
He plasma, CO$_2$ laser produced, magnetic field dependent breakdown 2—32053
Hg-Ar, Hg-Kr, Hg-He mixtures, optical breakdown threshold 2—35626
Hg, capacitive discharge 2—21887
Hg hollow cathode glow discharge, resonant beam-plasma interaction mechanism 2—15513
Hg vapour, low density 2—3268
Kr, positive corona, mechanism between coaxial cylindrical electrodes 2—24907
N, electron avalanches, energy and electron energy distributions 2—35628
Nd:glass laser, used in pulses or mode-locked trains of pulses 2—24895
SF$_6$, air, standard, switching impulse voltage, difference between high pressure SF$_6$ gas, atmospheric air insulation 2—24898
SF$_6$, ionization current meas. 2—6122
SF$_6$ and arcton 12, sparking mechanism 2—9008
SF$_6$ insulation breakdown characteristics, coaxial cylindrical electrodes 2—15516
Xe, laser induced, schlieren cinematographic and holographic obs. 2—21825
Xe, positive corona, mechanism between coaxial cylindrical electrodes 2—24907

liquids
benzene, high field strengths influence on current 2—25100
environmental factors, statistical effects 2—3399
laser induced, short duration photography 2—9144
Hg, diffusion velocity 2—1009

solids
alkali halide, laser induced 2—13428
alumina-phosphate coating, electrical insulating and other properties 2—13300
anodic oxide film, on Zircaloy-2 2—10113
anthracene crystal, avalanche breakdown and light emission 2—19754
avalanche diode, small signal analysis 2—4250
barium stearate, film, thickness dependence of dielectric breakdown 2—4278
dielectric, electron injection effects 2—25921
dielectric, laser beam induced, surface damage 2—29746
dielectric film, filamentary thermal breakdown 2—13305
dielectrics, effect of ionizing radiations, expression for 2—16274
discharge channel form., electron channelling influence 2—6878
film, silico-organic polymer, metal- dielectric-metal structure in glow discharge, threshold potentials 2—4258
glass, Q-switched laser beam induced 2—33213
laser induced damage, avalanche breakdown and probabilistic nature 2—21114
m.i.m. emitters, breakdown mechanism 2—13289
Mylar films, reversible breakdown 2—11414
organic insulating materials, discharge figures, polymer breakdown 2—25922
p-n junction, triggering behaviour avalanche diode 2—10083
periclase, effects of additives and densification on sp. breakdown voltage 2—16260
polyethylene, in non-uniform fields, polarity and neg. space charge effects 2—22616
polymer foils, prod. of high quasipermanent charge densities by breakdown fields 2—25923
polymer materials, review 2—10114
polymethylmethacryalate, in non-uniform fields, polarity and neg. space charge effects 2—22616
semiconductor, p-n and Schottky juncs., avalanche criterion from doping profile integral 2—33025
semiconductor, review 2—9982
semiconductor, Se, hole ionization coeff., from photocurrent obs. 2—4217
AL-(Al$_2$O$_3$)-CdS-Al switching element, post-breakdown conduction mechanisms 2—19720
Al, film, containing Si, electromigration induced 2—6510
GaN, rel. to blue light emitting diode operation 2—36962
Ge:Au diodes, n$^+$pp$^+$ prebreakdown behaviour 2—13283
InP, solution grown, unstable domains, obs. 2—40257
KBr, in non-uniform fields, polarity and neg. space charge effects 2—22616
La$_2$O$_3$ film, breakdown strength, thickness depend. 2—13306
MgO, pulse electric strength, microstructure effects 2—13307
Nd$_2$O$_3$ film, breakdown strength, thickness depend. 2—13306
Se, hole ionization coeff., from photocurrent obs. 2—4217
Se rectifier, hot hole mobility, avalanche Hall effect obs. 2—36559
Si, avalanche breakdown, statistical theory 2—29712
Si p-n junction, avalanche breakdown, oxygen conc. depend. 2—13281
Si p-n junction, Zener effect, impact ionization 2—13278
SiO film, between Al electrodes, elevated temp. 2—13308
SiO$_2$, film, on Si, rel. to m.o.s. devices 2—10103
SiO$_2$ ion implanted film, rel. to semicond. device technology 2—25210
SiO$_x$, anodic oxide film on Si, breakdown product morphology 2—9284
VO$_2$ coplanar devices, thermal breakdown analysis 2—4243
W, tip, exploding emission accompanying transition from field emission to vacuum breakdown 2—4321

Breaking strength *see Mechanical strength*

Breeders *see Nuclear reactors, fission*

Bremsstrahlung
see also Electrons/radiation; Gamma-ray spectra; Gamma-rays; X-ray spectra/emission; X-rays
angular distrib. rel. to multipole interactions between electrons and nuclei 2—17830
centroid of beam profile, monitoring using self-powered detectors 2—27891
electron capture decay, theoretical results from Morrison-Schiff, Glauber-Martin and Zon-Rapoport theorems 2—34980
electron traversing thin foil at oblique angle of incidence, Si foil with 50 keV electrons considered 2—16073
electron-electron, 300 keV, from kinematically overdetermined meas. 2—23785

Bremsstrahlung continued
- electron-ion scattering, multiparticle soln. 2—38830
- electroproduction, scaling and form factors of nucleon, model 2—38313
- graphite filtered for photonuclear reactions 2—23786
- hot gas (Z=1), rate and spectra 2—32110
- inner, accompanying electron capture, theories 2—38580
- intensity from dart leader, as function of inter stroke time interval 2—24886
- internal, accompanying β decay, identified by optical photon beta coincidence meas. 2—11789
- inverse, as mechanism of confined plasma heating by CO$_2$ laser 2—35461
- inverse absorption in large radiation fields during binary collisions, classical theory 2—31695
- K-radiation in W target by attenuation of X-radiation 2—376
- low energy electron accelerators, for threshold photofission 2—38664
- magnetic, as external field problem in quantum electrodynamics 2—8085
- magnetic, obs. of energy straggling and radiation reaction 2—17541
- magneto, emitted by electron bundles, calc. 2—34326
- metagalactic gamma rays from relativistic electron interactions 2—10787
- multiple coherent, electrons in crystals 2—22443
- neutrino bremsstrahlung process in degenerate electron gas 2—8113
- nonlinear, from electrons passing through ion field 2—31652
- θ-pinch plasma, rel. to heating by CO$_2$ laser 2—21790
- spectral intensity, Monte Carlo calc. 2—38227
- thermal, producing hard X-ray spectrum of weakly relativistic plasma 2—24650
- thin foils, Z dependence of external production, laboratory experiment 2—27708
- upper atmosphere, penetration to lower atmosphere for measurement at balloon height 2—10752
- X-ray, aurora, meas. in midnight sector during March 8, 1970 storm 2—30323
- X-ray generation from solar corona in 1-100 Å range, determ. of flux reaching ionospheric heights 2—37420
- yield of electrons with energy 12-22 MeV, function of thickness and atomic number of target 2—375
- pp, coplanar symmetric geometry, 51.8 MeV 2—31317
- pp, cross section at 20 MeV 2—2775
- pp bremsstrahlung cross-sections at 156 MeV obs. 2—34603
- πN, structure effects discussed and calculated 2—14655
- Ag, absolute cross sections determ. 2—22437
- Ag, electron irrad., radiation emission 2—4085
- ^{75}As, electron-capture, role in circular polarization of 401 keV γ ray transition 2—11776
- H, injection into transverse mag. field, X-rays and microwave radiation 2—39109
- ^{2}H, proton scattering, 6.20 MeV, bremsstrahlung calc., Feshbach and Yennie model 2—28027
- ^{2}H(p,p), 7-9 MeV, bremsstrahlung cross sections 2—487
- ^{4}He, proton scattering, 6-20 MeV, bremsstrahlung calc., Feshbach and Yennie model 2—28027
- Nb, single crystal, 1 BeV electron and positron interaction 2—13498
- Si, single crystal, 1 BeV electron and positron interaction 2—13498
- ^{90}Sr, internal probability of production accompanying β decay 2—11797
- ^{204}Tl, internal bremsstrahlung spectrum, contribution of detour transitions 2—21398
- U continuum source 2—14487
- ^{90}Y, internal, probability of production accompanying β decay 2—11797

Brightness
- *see also Illumination*
- critical fusion frequency as measure of, in human visual systems, photometry 2—26982
- darkness enhancement during intermittent photic stimulation, subjective effect 2—20755
- definition problems 2—8004
- image converter, control by secondary electron emission 2—27435
- Jovian atmosphere, brightness temp. calc. for 6-14 micron range 2—26837
- Jovian disk, monochromatic coefficient 2—30554
- light power, meas. methods 2—27640
- quasi stellar radiosource B2 1215+30 2—37327
- Saturn's disk, monochromatic coefficient 2—30554
- visual perception constancy rel. to contrasts, implications for display lighting 2—14046

Brillouin scattering *see Scattering/light, Brillouin spectra*

Brillouin zones
- rel. to bound phonon pairs, model 2—40021
- energy bands fitting to symmetrized plane waves 2—32875
- graphite, minority carrier locations 2—36497
- group theory applic. and irreducible representations of wave vector 2—6713
- integration methods, contained linear and quadratic interpolation 2—19501
- ionic cryst., far-u.v. reflectivity obs. 2—13457
- metallic phase stability, electronic energy considerations 2—25237
- semiconductor, group II-VI cpds., phonon freqs. at high symmetry pts. 2—19361
- semiconductor, II-VI, rel. to excitonic state fine struct. 2—40279
- semiconductor, periodic lattice Green functions applic. 2—6718
- semiconductor, with space group D^{12}_{2d}, rel. to band struct. 2—10042
- transition metal dichalcogenides, group VIA, symmetry and spin effects 2—32886
- Van Hove singularities, direct electronic transitions 2—4451
- Ag$_3$SbS$_3$, refl. spectrum study 2—29894
- BN, hexagonal, OPW calcs. 2—9930
- Bi-Sb alloys, dispersion law of L-electrons 2—9931
- Bi, dispersion law of L-electrons 2—9931
- CdGeAs$_2$(P$_2$), refl. spectra obs. 2—13458
- CdS:Mn, phonon freqs. at high symmetry pts. 2—19361
- GaAs, photoemission ang. distrib. rel. to energy distrib. struct. 2—36638
- In-Sn alloy, Fermi surface-Brillouin zone interaction, rel. to enthalpy of mixing 2—22342
- SrTiO$_3$, differential second order Raman spectroscopy 2—16568
- Y$_{1-x}$Th$_x$Al$_3$, effects on electron density of states, Kondo side band model, sp. ht. obs. 2—1432
- ZnS:Mn, phonon freqs. at high symmetry pts. 2—19361

Brittleness
- *see also Mechanical strength*
- amorphous, polymer, internal friction, tensile strength, ductile-brittle transition 2—36145

Brittleness continued
- brass, fatigue rupture, fracture surface morphology 2—12907
- brittle solids, erosion, multiple drop impact, statistical model 2—29306
- ceramic, high-strength brittle, work of fracture determ. 2—39951
- ceramic, impact strength, drop weight test procedure 2—29443
- ceramic, thermal stress problem 2—19273
- Charpy impact test, computer-assisted 2—36186
- COD test data, geometry effect 2—25529
- COD test data applicability and determ. 2—25530
- crack, penny-shaped, in plate of finite thickness, stress distrib., shape and energy 2—34019
- crack behaviour of materials under double cantilever beam cleavage 2—15875
- crack propag. initiation criteria 2—25532
- cylinder, thick-walled, failure, fracture mechanics applic. 2—32643
- embrittlement criteria at low temps. 2—32632
- f.c.c. alloys, embrittlement by correlation 2—1319
- fracture, dynamics 2—29316
- fracture, unstable elastic-plastic, model under plane stress 2—15873
- glassy plastics, mechanism of molec. wt. dependence of brittle strength 2—39830
- glued metal joints, effect of preliminary impact on strength 2—29347
- hydrogen imbrittlement, cracking at high strength in sodium chloride 2—1324
- material strength calc. for complex stressed state, friction effects 2—19202
- notch shape rel. to impact strength characteristics, 10GT steel at −20°C 2—39810
- nuclear grade steel, pressure vessel models 2—15063
- polyethylene, low density, low temp. brittleness 2—22284
- polyethylene terephthalate, amorphous and cryst. 2—39845
- polymers, thermoplastic, brittle fracture and chemical constitution 2—6570
- reactor pressure vessels, heat affected zone fracture toughness 2—25528
- reactor pressure vessels, overstressing technique for securing brittle failure 2—24291
- reactor pressure vessels, safety analysis, elastic fracture mechanics applic. 2—24296
- reactor pressure vessels, thick-walled, fracture mechanics technology applic. 2—24295
- rupture under creep conditions, simple theory, applications to programmed loading conditions, initial anisotropy 2—39831
- shock figure determination method, for single cryst. 2—1317
- steel, after thermomechanical treatment and creep, brittle fracture resist. 2—9731
- steel, blue brittleness, tensile testing study 2—36115
- steel, brittle fracture, rel. to intercryst. cementite 2—29309
- steel, brittle fracture initiation in residual stress field 2—25522
- steel, brittle fracture initiation of welded joints 2—25534
- steel, brittle fracture propag., continuum aspects 2—15870
- steel, brittle fracture strength 2—25526
- steel, chilled, hydrogen permeability and embrittlement, drawing temp. depend. 2—29219
- steel, corrosion fatigue cracking, stress corrosion cracking, H embrittlement environment attack mech. 2—19218
- steel, Cr-Ni-Mn, embrittlement rel. to phase changes on vary V and C contents 2—1318
- steel, cyclic heating effects 2—25516
- steel, dynamic properties, obs. 2—29333
- steel, dynamic strain-ageing embrittlement effect on press. vessel integrity 2—24294
- steel, effect of comp. on Pb embrittlement 2—9652
- steel, effect on fatigue limit 2—36149
- steel, ferritic, ductile-brittle transition, additive effects 2—25518
- steel, forge-quenched, effect of tempering temp. 2—12898
- steel, G-type, temper brittleness 2—39900
- steel, heat treated, serrated grain boundaries rel. to toughness 2—19204
- steel, high Cr, embrittlement, thermo-e.m.f. and galvanomagnetic obs. 2—3899
- steel, high strength, hydrogen embrittlement, cracking in NaCl 2—1324
- steel, high strength, tending to brittle rupture 2—39809
- steel, high strength construction, ductile-brittle transition, rare earth additions effect 2—15797
- steel, high-Cr, effect of N content 2—36156
- steel, high-Cr, fracture toughness, O content effects 2—36155
- steel, hot rolled plate, directionality of hydrogen embrittlement 2—3896
- steel, intergranular fracture propagation, effect of tempering 2—6563
- steel, low C, brittleness transition temp., effect of grain boundary cementite 2—9708
- steel, low carbon, relationship between brittle fracture and high strain fatigue behaviour 2—29294
- steel, maraging, H embrittlement, stress corrosion cracking 2—19213
- steel, maraging stainless, effect of Ti content 2—36243
- steel, stainless, AISI type 446, high temp. embrittlement mechanism 2—29335
- steel, temper brittleness, critical friction obs. 2—32633
- steel, temper embrittlement, segration, Auger spectroscopy 2—3897
- steel at sub-zero temperatures 2—1406
- steel embrittlement by H$_2$, kinetics 2—29318
- steel pipe, effect of heat treatment 2—36207
- steel plates, brittle fracture 2—25567
- steel single crysts., temper brittleness 2—39833
- tensile test apparatus for brittle materials 2—19227
- thermal crack propagation, application of Griffith fracture theory 2—32638
- weld metal strain in brittle temperature range 2—12956
- welding, pulsed-arc, relationship between technical strength and solidification of creep-resisting alloys 2—15919
- welding, strain behaviour of metals during solidification 2—15917
- welding, technical strength criteria and tests for solidifying metals 2—15918
- welding, temporary strength of metals during solidification 2—15916
- welding of metals, technical strength comparison for CO$_2$-shielded and submerged arc process 2—12960
- Zircaloy 2, hydrogen embrittlement, effect of plastic props. 2—29311
- Zn, electrically induced deform., before brittle fracture 2—36121
- Al, grain boundary surface obs. by liquid Ga embrittlement 2—9253
- Al, intergranular embrittlement by liquid Ga, vacancy diffusion 2—12800
- Al$_2$O$_3$-based ceramics, thermal shock resist. 2—36251
- Al$_2$O$_3$, work of fracture determ. 2—39951
- Cu Al, liquid metal embrittlement, role of plastic deformation 2—3898

Brittleness continued
Cu solid solutions, low temp. intergranular brittleness 2—19203
$CuAl_2$, brittle fracture, in compressive and tensile testing 2—19180
Fe-C alloy, brittle fracture initiation, carbide particle size effects 2—39823
Fe-C alloy, H_2 embrittlement, comp. depend 2—12899
Fe-Cr-Mn-Ni, steel, hot rolled, embrittlement resist. 2—19248
Fe-Cr-Ni alloy, neutron irrad., embrittlement 2—1319
Fe-Cr-Ni steel, austenitic, H embrittlement 2—29308
Fe-Ni-C, martensitic, H_2 embrittlement 2—12910
Fe-P-C alloy, intergranular brittleness, rel. to P and C content 2—36235
Fe-(5 wt.%)Si, at liq. He temps. 2—19200
Fe-Ti alloy, ductile-brittle transition, cold working effects 2—29307
Fe, cast, ductile-brittle transition temp, heat treatment depend. 2—39832
Fe, ductile-brittle transition, N_2 effect, annealing depend. 2—15836
in Fe, ductile brittle transition, effect of added nitrogen 2—25503
Fe, notched, embrittlement by liq. Cu, creep fracture, crack growth, 1373-1403K 2—12897
Fe alloys, low temp. brittle fracture, meeting report 2—32646
Ge, ductility and strength rel. to molten metal contact 2—29310
Ni-Cr-Fe alloys, neutron irradiation, extension rate, grain size, ductility 2—25513
Ni, neutron irradiation, extension rate, grain size, ductility 2—25513
Ti, blue brittle phenomena, reduction by dynamic strain ageing, 77-1026K 2—25581
Zn, electroplastically deform. effects, shift in cold brittleness limit 2—32611
Zr, hydrogen embrittlement, effect of plastic props. 2—29311

Bromine
adsorped on Mo, desorption kinetics, surface lifetimes 2—35915
atomic recombination in Ar, nonequilibrium effects 2—37027
atomic recombination reactions energy transfer mechanism and nonequlibrium effects 2—37028
atomic spectra, wavelengths in 1.8-4.0 μm region 2—28190
chemisorbed by Cu, effect on surface self diffusion, 383-1044°C 2—9249
dissociation in Ar, incubation time prediction 2—21587
flame inhibitor, propagation mechanism at high pressures 2—27324
gaseous target, collisional X-ray excitation by I^- bombardment 2—15226
in graphite, effect on thermal cond. 2—22429
heavy ions, collsions on O_2, Ar, Kr, Xe, C and Au, determ. of charge state fractions 2—668
ion beam production by linear accelerator 2—5609
molecule, dissociation in shock waves, rate meas. at 1500 to 2700K 2—24459
molecule, extreme red absorption spectrum $A^3\pi(1_u)\leftarrow X^1\Sigma_g^+$, vibrational and rotational assignment 2—38889
molecule, photoelectron spectra, total and partial photoionization cross sections 2—15312
molecule, reactive scattering with H and D atoms 2—704
molecule, vibrational structures of $E\rightleftharpoons B$ emission systems 2—21618
molecules, collisions with K atoms, chemi-ionization differential cross section 2—680
molecules, collisions with K atoms, negative ion formation, mass analysis 2—681
molecules, ionization threshold, effect of hot bands 2—12154
recombination of $^2P_{3/2}$ ground state atoms, excitation to the $B^3\Pi(0_u^+)$ state of Br_2 2—24441
$^{87,88}Br$ as precursors for delayed neutrons, low energy spectrum 2—5728
Br_2-W, gas phase equilibr., simulation 2—20181
$(Br^-)_2$-centre, in NaCl, luminesc. and absorp. 2—33316
Br^-, collisional detachment and charge exchange cross sections in energy range 300 to 3000 eV 2—5836
Br_2, charge exchange with alkali atoms, adiabatic electron affinities 2—38898
Br_2 Raman, reson. effect in absorpt. continuum, degree of depolarization of vibr. bands 2—24440
$^{79}Br^{81}Br$, $A^3\pi(1)-X^1\Sigma^+$ system, Franck-Condon factors and r-centroids 2—38890
$^{79}Br^{81}Br$, Franck-Condon factors and r-centroids for $B^3\Pi(0_u^+)-X^1\Sigma_g^+$ system 2—38891
Br_2+K_2, reactive scatt., ang. distribution meas. and total reaction cross sections 2—31885
$Br_2+K\rightarrow Br_2^-+K^+$, mechanism near threshold 2—7167
$Br_2+K\rightarrow Br^-+Br+K^+$, differential cross section for chemi-ionization in inelastic collisions 2—28223
$Br_2+Li\rightarrow Br^-+Br+Li^+$, differential cross section for chemi-ionization in inelastic collisions 2—28223
CuCl:Br, luminesc., rel. to excitons 2—13504
K_2+Br_2, comparison of ang. distrib. of K atom reactive scattering and KBr ang. distrib. 2—26339
NaCl:Br, field gradient tensor calcs. for nuclei round substitutional ion 2—26093
NaCl:Br, impurity induced Raman spectra 2—26194
W/Br lamps, direction of chem. W transport 2—40797

Bromine compounds
intercalation cpd. with graphite, elec. resist. meas. 20-800°C, anomalous behaviour 2—19536
octahedral bromoanions of IV B group elements, force constants and mean amplitudes 2—3035
BrCN, Fermi resonance and dimer structure, i.r. matrix-isolation studies 2—8588
BrCN, matrix isolation, i.r. spectra, Fermi resonance and dimer structure 2—12122
BrCN, molecular Zeeman effect, magnetic properties and electric quadrupole moments 2—24437
BrCN, Zeeman effect 2—12123
$BrCN+K_2$, reactive scatt., ang. distribution meas. and total reaction cross sections 2—31885
BrF, molecular Zeeman effect, magnetic properties and dielectric quadrupole moments 2—24437
BrF, Zeeman effect 2—12123
BrF_3, molecular force fields 2—18412
BrF_5, microwave spectrum 2—5912
$BrF_5.2SbF_5$, space group and lattice parameters 2—3699
BrHBr- bihalide ion, proton shielding studied to elucidate electronic structure 2—31792
K_2+BrCN, comparison of ang. distrib. of K atom reactive scattering and KCN ang. distribs. 2—26339

Brownian motion
crystallites condensed on surface, epitaxy relation 2—6339
crystallites on substrate surface, epitaxy relation 2—6340

Brownian motion continued
dibutyl phthalate aerosol, Brownian coagulation 2—32290
electrolyte solns., infinitely dilute, first correction to Hall coeff. beyond classical motion 2—15603
equivalence transformations, nonlinear 2—2156
in fluids near critical point 2—33941
friction coefficient formalism in statistical mechanics of transport processes 2—30806
generalized Fokker-Planck equation appl. 2—23292
liquid, theory 2—9073
magnetic suspension, viscosity rel. to field strength 2—22019
microbrownian motion in solid amorphous polymers 2—6877
molecular theory generalization to include external forces 2—20867
Monte Carlo calc. of motions of flexible macromolecule in presence of obstacles 2—35365
one-dimensional fluid, onset of Brownian motion, computer study 2—23291
particle in a harmonic oscillator field, behaviour during short time intervals 2—37635
particle in laminar flow with const. vel. gradient, distrib. functions 2—35797
particle in turbulent flow, statistical description 2—91
plasma, Kubo's modified theory 2—31951
quantum, including inter-particle interactions 2—11295
quasistochastic model for motion of Brownian charge carrier in external electric field, absence of nonlinear response 2—23293
Schrodinger eqn. interpret. rel. to stochastic motion 2—30789
teaching apparatus for simulation 2—33847
viscous fluids, effects of inertia on Brownian motion of rigid particles 2—24595
He II, tunnelling from electronic bubble states through liquid-vapour interface 2—12600

Brush discharges *see Corona, electric discharge*

Bubble chambers
beam insertion, calc. for choice of coordinates and angle of beam entry 2—31385
det. of nature of charged particles from delta electrons 2—31381
film, automatic scanning 2—31383
film, automatic scanning 2—24102
film analysis, techniques and applic. 2—14779
Gargamelle heavy-liquid, electromagnet 2—2643
heavy liquid, relativistic rise of track density of fast charged particles 2—24103
heavy liquid, relativistic rise of track density of fast charged particles 2—31384
holographic interference applic. to photography 2—24104
identification of secondary particles from ionization losses 2—34832
ionization losses obs. using television measurement semiautomaton 2—31382
K9 beamline control, interpretive software 2—14781
K9 separated beam, computer control and acquisition system 2—14780
least squares fit of tracks taking into account multiple scattering 2—14739
low temperature plant using He/H system for big european bubble chamber 2—23188
measurement of uniformity of Ne-H liquid mixtures, stopping power 2—2644
measuring device for analysis of pictures 2—2645
monitoring of exposures, ionization measuring device 2—27911
photographs, automatic analysis 2—27912
photographs, track matching computer program 2—21335
semi-inclusive experiment, scaling properties 2—18026
simulation of output of bubble chamber meas., computer program 2—34831
supersonic, state-of-the-art 2—31386
u.s., vapour bubble dynamics 2—27913
valve, slide, high speed, high press. 2—18027
H_2, computer for scanning and meas. 2—5601
Ne-H liquid mixtures, stopping power 2—2644

Bubbles
see also Foams
acoustically induced growth 2—15559
adsorption of molecules of surface-active substances onto growing surface 2—6224
air, formation at water filled tube surfaces, vibration excitation, flow noise 2—17394
air in liquid, apparent viscosity and void fraction 2—8878
air in water, thermal effects in free oscillation 2—1064
air in water, two-dimensional, rising, obs. of vortex pattern 2—3353
air-water mixture, slip distrib. and ave. void fraction meas. techniques 2—24628
boiling liquid, growth rate near nucleation site 2—35832
cell model for transport in bubble swarms, viscous flow through particle assemblages at intermediate Reynolds numbers 2—31900
collapsing in adiabatic limit, solubility inversion effects on diffusional flux 2—1059
column in sea water rel. to CO_2 desorption 2—1194
condensation, with non-homogeneous distribution of non-condensable, quasi-steady state analytical solution 2—6187
condensation in multi-bubble system, approx. soln. 2—24999
condensation of injected vapour in sub-cooled liq. stream 2—24998
deformable, suspended in long conduit, second order theory 2—32213
duct flow with neutrally buoyant bubbles, pressure drop 2—28457
floating, configuration, comments and authors' reply 2—39317
at flow separation point at upstream edge of square edged broad crested weir 2—28750
fluidized bed, X-ray obs., transition from two to three dimensional behaviour 2—28439
fluidized bed, X-ray obs. of interaction with solid surfaces 2—28438
fluidized bed, X-ray obs. of size and no. when unrestrained growth occurs 2—31895
fluidized beds, gas and solids motion around deformed and interacting 2—12313
in fluidized beds, tracer gas photographic obs. 2—902
gas, dielectrophoresis under weightlessness conditions 2—20193
gas, in high viscosity liquids, calc. of emission freq. from different diameter apertures and rise speed 2—39315
gas, in liquid, determ. of shock wave damping 2—39319
gas, stability in deformable material containing dissolved gases 2—15560
gas bubbles in liq., inviscid flow into deep pool from single orifice 2—3351
gas flow through a bubble in a fluidized bed 2—35394

Bubbles continued
gas in inviscid liquid, two stage growth at submerged plate orifice 2—3352
gas transfer between bubbles and dense phase in two dimensional fluidised bed 2—9187
in glass, crystal analysis 2—32315
growing vapour in superheated liq., motion 2—25025
growth in nucleate boiling, interfacial velocities 2—25152
growth in nucleate boiling, interferometric obs. 2—25153
growth on heated surface, theory 2—12532
growth rates in highly supersaturated liquids, effects of interface kinetics, capillarity and solute diffusion 2—32206
inert gas, growth kinetics in polycrysts. 2—39665
inert gas, intersected by dislocations, nucleation on atomic steps 2—9553
inert gas growth on grain boundary, stress depend. 2—19067
in liquid, acoustic waves velocity as function of frequency, theory and experiment 2—32288
liquid-gas bubble mixtures, underexpanded jets 2—28767
liquid-vapour, one component, velocity of sound calc. 2—12584
magnetic, technology for telephone systems 2—4357
in magnetic liquid in magnetic field, equilibrium conditions 2—1062
motion, surface active molecule adsorption, diffusion and convection, interface phenomena 2—28920
motion of variable-size sphere in perfect fluid near plane surface 2—6186
multifluid interface, in multifluid subdued boiling 2—12616
nitroglycerine, explosion in liquid layer under impact, bubble initiation mechanism 2—27292
nucleate boiling, uniformly superheated liquids, prediction of departure time and frequency 2—563
oscillation of two spherical bubbles in water, natural frequencies 2—1065
pulsating, flotation effect at acoustic cavitation 2—35715
reactor fuel material swelling, models verification, use of microstructural data 2—21473
saturated nucleate boiling, dynamics of isolated vapour bubble effect of heater thermal factors 2—32310
sea water, drops formed on bursting 2—32208
shock wave propagation in bubbly liquids 2—32214
size distribution, measurement by intensity of scattered light 2—21945
solid, deformable, gas bubble growth and dynamics 2—9515
sound coherence when transmitted or scattered by air in water 2—17384
spherical, behavior in vicinity of solid wall 2—6190
spherical cap, shape, rise speed, and wake for water and mineral oil 2—1066
stirring effect on heat transfer 2—34209
subharmonic oscillations in water 2—28770
submerged in velocity field in presence of surfactants 2—39314
surface boiling, bubble growth and collapse, flow effects 2—12618
surface tension, negative press. eqns. 2—32210
thermal effects in free oscillation 2—1064
vapour, wetting tension and boiling 2—35834
viscoelastic liq., terminal velocity versus bubble volume discontinuity 2—28768
void distributions in a bubbly fluidized bed 2—35395
water, nuclear boiling at high Jakob numbers, bubble growth rates 2—35838
Be, neutron irradiated, He gas bubbles formation 2—28147
H_2 vapour, in liquid H_2, dynamics and growth in ultrasonic bubble chambers 2—28771
H_2O, in NaCl and KCl crystals, vaporization of liq. inclusion 2—3762
He, formed in slightly irradiated B_4C pellet 2—3755
N_2, growth rate during boiling on metallic heating surfaces 2—28772

Burgers vector *see Crystal imperfections/dislocations*

Cadmium
anisotropic resistivity, Ziman Baym theory calc. 2—9957
annealing, recovery spectrum and vacancy form. 2—36201
atmospheric pollutant, nonflame atomic absorption analysis 2—22892
atom, effective cross sections of excited ion formation in electronic collisions, calc. by meas. line intensities 2—5800
atom, energy dependence of CdI resonance line excited in Cd-Zn collisions 2—2968
atom, Lande factors of 5s6s $^3S_1$ levels 2—24341
atom, oscillator strengths semiempirical calc. 2—24344
atoms, electron impact excitation, energy loss spectra studies 2—619
atoms, low energy electron scatt., excitation functions and polarization degree of emitted radiation 2—620
autoionization of high-temperature monatomic vapour 2—28201
band structure, APW calculation, used to explain peaks in optical absorption spectrum 2—4116
band structure, non-relativistic APW method 2—36413
cold working, defect production and recovery, 77K, elec. resist. obs. 2—25411
crystal plasticity, tensile testing, 77-295K 2—29261
crystallite growth in CdSe film, during heat treatment 2—18935
diffusion in AgCl, pure and Cd doped, temp. depend. 2—39733
diffusion in Mg single cryst., diffusion constant, anisotropy, valence effect, activation energy 2—6515
electron emission, secondary, coeff for metastable atoms, meas. by gas cell method 2—6932
electron emission, secondary, coeff. for metastable atoms, meas. by crossed beam method 2—6933
electron irradiated, low temp. damage and recovery, elec. resist. study 2—39669
electron mean free path meas. on lens part of Fermi surface, r.f. size effect obs. 2—13086
electron-irradiated, liquid He temps., atomic displacements, subthreshold events 2—1234
e.m. wave propagation, non-local regime 2—16120
enthalpy of sublimation, microcalorimetric determ. 2—25158
film, recrystallization, electron microscopy 2—18934
grain boundary migration, velocity independent drag 2—32542
intermediate isotope effect 2—16173
ion implantation into GaAs 2—6838
laser, continuous generation on 4416 Å line by h.f. excitation 2—37963
lattice dynamics, X-ray scatt. obs., 88K 2—19363
liquid, thermoelec. and resist., temp. depend., calc. 2—3404
phonon dispersion relation, Debye temp., modified axially symm. model 2—40049
phonon limited mean free path, r.f. size effect 2—16085
plastically deformed, recovery, supercond. crit. temp. 2—19559
polycrystalline sample, in presence of adsorbing alloys, dependence of creep velocity on applied stress 2—6552

Cadmium continued
powder, in Cd-Pb-Sn mixture, sintering above the ternary eutectic temp. 2—29451
quadrupole interaction, high pressure effects, meas. by perturbed angular correlations 2—33186
single cryst. tubes, growth, from the melt, Bridgman method 2—6402
single crystal, torsionally stressed, shear stress distrib. in various slip systems 2—29275
spectral determination, effect of magnetic field on excitation spectra 2—40848
splat cooled, structure and microstructure, isothermal annealing effect 2—6427
thermal expansion, dilatometric and X-ray obs., vacancy equilib. conc. detn. 2—22428
thermal expansion, vacancies 2—15752
vacancies, hardening at 4 K, resist. obs., electron microscopy 2—15753
vacancies, positron trapping, angular correlation data analysis 2—25386
vapour pressure obs. at 350-594°K, low pressure 2—3450
whisker growth, from thin film, elec. microscope obs. 2—3552
work function and surface structure, calc. 2—39455
AgBr:Se, Cd, e.s.r. spectra 2—4537
Al-Cd multilayer, internal friction, yield point, thickness and defect depend 2—1287
Cd:^{111}Cd, recoil inplanted, quadrupole interaction of 247-keV state meas. 2—34956
Cd-He, laser, low noise output, segmented bore 2—5359
Cd-He vapour, Penning ionization, excitation collisions, low d.c. discharge 2—3250
Cd-Zn coating, on steel, copper and brass, testing at marine microclimate 2—1751
Cd filter, calc. of neutron transmission function, 1/E spectrum in graphite moderator 2—544
Cd II, isotope shifts in resonance lines, size of specific mass shifts in alkali-like resonance lines 2—5784
Cd II, optical isotope shifts, screening effects 2—586
Cd^0, in alkali halide, optical absorp. 2—3801
Cd^+ e.p.r. in K_2SO_4 2—7120
Cd^{2+}, reactions in KBr(I) lattices, coloration, spectra 2—19125
Cd^{2+} and Pb^{2+} simultaneous diffusion in NaCl 2—12810
Cd^{2+} in NaI, impurity-vacancy complexes 2—9626
Cd^{2+} in NaI, impurity-vacancy complexes 2—9625
^{109}Cd calibration source, X/γ ratio using a CsI(Tl) X-ray detector 2—24068
^{110}Cd, spectral analysis by isotopic dilution method 2—37067
^{111}Cd, method of realization of beat nuclear resonance 2—28211
$^{115}Cd^m$, radioactive source preparation by electrodeposition on thin metallized plastic films 2—5673
GaAs:Cd, implantation damage, annealing 2—9521
GaAs:Cd film, heteroepitaxial, formation and elec. props. 2—22531
He-Cd dc discharge, Penning ionization, properties 2—3249
He-Cd lasers, using recirculation geometry 2—21074
He-Cd positive columm laser discharge, electron densities and drift velocities 2—28666
He-Cd vapour lasers 2—23580
He+^{114}Cd mixture, laser for exciting scattered-light spectra 2—23594
Hg-Cd, mixture, sensitized fluorescence, width of 3261 Å spectral line 2—8447
KCl:Cd, X-irrad., optical bleaching and F- to M-centre conversion 2—22231
Te, purification for CdTe crystal growth 2—35948
Tl:Cd, supercond. transition temp., impurity effects 2—36473
Zn-Cd, vapour laser, continuous oscillation, hollow cathode discharge 2—34395

Cadmium compounds
n-CdSe, conduction band edge, magnetophonon effect 2—19661
chalcogenides, core electron level obs., x-ray induced electron emission obs. 2—19811
ferrite, $M_xCd_{1-x}Fe_2O_4$, (M=Fe, Co, Ni, Mg, Mn), struct. and mag. props. 2—1639
perovskite structure, growth and elementary cell parameters 2—1223
sulphates, X-ray L_{23} spectra of quantum efficiency of S photoemission 2—26204
trihaloanions, force fields and mean vibration amplitudes 2—28280
p-,CdP_2, band gap, acceptor level depth and compensation, dark and photoconductivity obs. 2—40248
Ag-Cd alloy, stress-induced martensite transform. 2—36271
Ag-Cd alloy, tensile deform., X-ray diffr. obs. 2—15829
Ag-In-Cd plate type shim rods, MTR fuel elements, flux density and reactivity measurements 2—15040
Al-Cu-Cd alloy, ageing, elec. resist. change 2—9755
Al_2O_3-CdSe thin-film transistor, effects of ionzing radiation 2—22595
Au-Cd alloy, martensitic transform., effect of solute substitution 2—12990
Bi-Cd alloy, change in ultrasonic velocity on melting 2—39421
Cd_3-As_2-Zn_3P_2 solid solution, Hall coeff., resist., 300-800K, X-ray analysis, dilatometry 2—19656
Cd-Bi exploding wire binary alloy, width of absorption lines 2—38812
Cd-Ge-As, ternary system, glass forming region, phase transition temps. 2—15636
Cd-Mg alloys, plastic deform. 2—32608
Cd-Mn extremely dil. alloy, resist. 0.4-30 K, Kondo model 2—16148
Cd-Sb, alloy, evaporation rate vs. temp. curve 2—28952
Cd-Sb, alloy, evaporation rate vs. temp. curve 2—28952
Cd-Sb melt, interdiffusion coeffs., conc. depend. 2—9121
Cd-Sn-Zn alloy system, liquidus temperature determ. 2—1140
Cd-Sn, alloy, evaporation rate vs. temp. curve 2—28952
Cd-Te, partial pressure, thermodynamic props., sublimation 2—12619
Cd, complex, $CdCl_2$ with different methyl- and dimethylquinolines, photoluminescent properties 2—10458
Cd complex, tetrabenzoporphine, quasilinear phosphorescence, fluorescence and absorption spectra 2—4486
Cd complex, tetramethylammonium cadmium chloride, Raman obs. 2—1699
$CdAs_2$, far i.r. reflctivity, classical non-interacting oscillator model applied 2—19999
Cd_3As_2, cryst. platelets, growth from vapour, elec. props. 2—40274
Cd_3As_2, semicond. cryst., thermoelec. power, thermal cond. coeffs., effective mass calc. from quantum oscills. 2—16226
Cd_3As_2 film, prep. by crystalliz. of melt compressed between two backings, semicond. props. 2—32975
$Cd_{10}(AsO_4)_6Br_2$, sterically imposed nonstoichiometry 2—3769

Cadmium compounds continued
$Cd_3(As_xP_{1-x})_2$ alloys, optical transmission edge, temp. depend. 2—10336
CdAu, alloys, β-β'' martensitic transform. 2—6633
$CdBr_2$/KBr(Cl) molten mixtures, u.s. velocity and compressiblity 2—25076
$Cd(BrO_2).H_2O$, γ-irradiated, free radicals, e.p.r., g-factors 2—10517
$CdCl_2$:Ca fluorescence, emission spectrum and temperature quenching curve under UV(λ=3650Å) 2—4491
$CdCl_2$:Fe(II), e.p.r. study, determ. of strength of trigonal crystal field relative to spin-orbit coupling parameter, hence magnetic properties of $FeCl_2$ 2—1724
$CdCl_2$:Mn^{2+}, zero field splitting temp. depend. e.s.r. obs. and point multipole model calcs. 2—7117
$CdCl_2$/KBr(Cl) molten mixtures, u.s. velocity and compressiblity 2—25076
$CdCl_2$-CdS system, phase equilib., DTA study 2—1408
$CdCl_2$, $L_{2,3}$ absorpt. edge of Cl^- 2—33293
$CdCl_2$ (Br_2) (I_2), Raman spectra, phonon frequencies 2—20064
$CdCl_2 2(ONH_3)$ i.r. absorption spectra, vibrational analysis 2—15294
$CdCr_2S_4$, $CdCr_2Se_4$, chalcogenide spinel, lattice dynamics and mag. ordering 2—32806
$CdCr_2S_4$, ferromagnetic moment, In, Sn substitution, spin counting 2—3565
$CdCr_2S_4$, hot pressed polycryst., magneto-optic material 2—19970
$CdCr_2S_4(Se_4)$, optical props. of impurity levels, Ag and In doped crysts. 2—40659
$CdCr_2S_{4(1-y)}Se_{4y}$, B-site spinel. exchange integrals detn., Weiss molecular field theory 2—36679
$CdCr_2Se_4$:Ga, current noise measurements 2—40278
$CdCr_2Se_4$-metal junction, magnetocapacitance effect 2—36555
$CdCr_2Se_4$, elec. props. and photocond. 2—1512
p-$CdCr_2Se_4$, ferromagnetic semiconductor, elec. field dependent magnetoresistance 2—32972
n-$CdCr_2Se_4$, Seebeck effect of paramag. polaron 2—10133
$Cd_{1-x}Cu_xCr_2Se_4$, ferromag. semicond. cryst. growth and props. 2—39585
CdF_2:Er^{3+}, i.r. quantum counter, by generation of C_{3v} local site symmetry 2—37939
CdF_2:Eu^{2+}, ENDOR meas. of hyperfine and transferred hyperfine interaction 2—40756
CdF_2:Eu^{2+}, ENDOR obs. of hyperfine interactions 2—30030
CdF_2:Eu^{2+}, e.p.r. study, 77 to 300K, 9 and 35 GHz, superhyperfine structure 2—1725
CdF_2:Mn film, prep. and electrolum. 2—13522
CdF_2-CaF_2(PbF_2)(ZnF_2) systems, phase equilibria 2—15983
CdF_2-MF_2, F=Ca, Sr, Pb, crystalline miscibility, X-ray obs. 2—22338
CdF_2, bandedge, spectral obs. 2—26144
CdF_2, in γ-ray spectrometer, rel. to spectrometer based on Cherenkov effect 2—14748
CdF_2, phonon dispersion curves 2—19362
$Cd_{0.98}Fe_{0.02}Cr_2S_4$, Mossbauer effect of ^{57}Fe, quadrupole interaction below Curie pt. 2—26124
$Cd_{1-x}Fe_xCr_2S_4$, $0 \leqslant \propto \leqslant 1$, static magnetization studies, model proposed 2—4352
$Cd(Fe_{1/2}Nb_{1/2})O_3$, ferromag., perovskite structure, behavioural anomalies below -225°C 2—1613
$CdFe_2O_4$, electric field gradients at ^{57}Fe deduced from Mossbauer spectrum in applied magnetic field 2—1671
$CdGa_2S_4$, e.p.r. of Mh^{2+} spin Hamiltonian 2—10503
$CdGa_2S_4$, heat capacity, 14-300K, Debye temp., thermodynamic props. 2—25684
$CdGa_2Se_4$, band struct., photocond. 2—16309
$CdGa_2Se_4$, optical absorpt., indirect transitions 2—16485
$CdGeAs_2$, amorphous semicond., Faraday rotation nr. absorp. edge 2—1663
$CdGeAs_2$ and $CdGeP_2$, chalcopyrite semiconductors, linear and nonlinear optical properties 2—26100
$CdGeAs_2$ crystal, thermal expansion coeffs., high temp. X-ray study 2—32844
$CdGe_xAs_2$ glass, i.r. absorpt., rel. to struct. 2—10374
$CdGeAs_2(P_2)$, band struct. and optical props. 2—13458
$CdGeO_4$, $CdGe_2O_5$, crystalliz. in LiO_2-CdO-GeO_2-H_2O system 2—35943
$CdGeP_2$, glassy, elec. cond., 450-860K 2—36498
$CdGe_xP_2$ glass, i.r. absorpt., rel. to struct. 2—10374
$Cd_{0.1}Hg_{0.9}$ Te, film, Hall coeff. and mobility thickness depend. 2—10012
$Cd_xHg_{1-x}Se$, mixed cryst., energy gap, composition depend. 2—10046
$Cd_xHg_{1-x}Se(Te)$, interband Faraday effect 2—13436
$Cd_xHg_{1-x}Se(Te)$, interband Faraday rot. 2—13435
$Cd_xHg_{1-x}Te$, electroreflectance spectra, energy band gap, comp. depend. 2—10370
$Cd_xHg_{1-x}Te$, energy gap, pressure and temp. depend., Hall coeff. obs. 2—19667
$Cd_xHg_{1-x}Te$, Shubnikov-de Haas oscillation, Landau level splitting 2—32998
$Cd_xHg_{1-x}Te$ alloys, relativistic effects on energies of optical transitions 2—29684
$Cd_xHg_{1-x}Te$, crystal growth, optical and elec. props. rel. to 10μ band detectors 2—39577
$Cd_xHg_{1-x}Te$, electron mobility, under high hydrostatic pressure 2—10009
$Cd_xHg_{1-x}Te$, epitaxial, i.r. photovoltaic detector 2—6911
$Cd_xHg_{1-x}Te$, photocond. quantum efficiency, energy band parameters, 78 K 2—22638
$Cd_xHg_{1-x}Te$ alloys, Hall mobilities, press. and temp. depend. 2—4209
$Cd_xHg_{1-x}Te$ mixed cryst., e.p.r. of Mn^{2+} 2—13537
CdI, dislocations, electron microscope obs. in basal oriented platelets 2—32510
CdI_2, dislocation kinetics in polytype transform. 2—25622
CdI_2, polytypic crystals, high temp. phase transformation 2—1390
CdI_2, rhombohedral polytype form. 2—12772
CdI_2, rotation boundary obs. 2—36041
CdI_2 polytypes, cryst. struct. 2—9465
CdI_2 polytypes, struct. phase transform. with temp. 2—25623
CdI_2 polytypes, structural transformations, X-ray diffr. 2—25621
CdI_2 polytypes, Zhdanov numbers in Zigzag sequence 2—25329
$CdIn_2S_4$(:Sb), Hall coeff., elec. cond., carrier mobility, temp. depends., 200-500K 2—22529
$CdIn_2S_4$, contact, I-V characts., switching and memory effects 2—19719
$CdIn_2S_4$, e.s.r., zero-field splittings of Cr^{3+} 2—10501
$CdIn_2S_4$, Hall mobility, resist., photocond. stoichiometry effect 2—10008
$CdIn_2S_4$, heat capacity, 14-300K, Debye temp., thermodynamic props. 2—25684

Cadmium compounds continued
$CdIn_2S_4$, optical and photoelec. props., rel. band struct. 2—22760
$CdIn_2S_4$ and $CdIn_{2(1-x)}Cr_{2x}S_4$, thermal cond., 4 to 300 K 2—19453
$CdIn_2S_4(Se_4)$, refl. spectra, band struct. determ. 2—29898
$CdIn_2Se_4$-$CdInTe_4$ solid solution, electron effective mass determ. 2—19638
$CdIn_2Se_4$, in Cd_3Se_3-In_2Se_3 pseudobinary system 2—4017
$CdIn_2Se_4$, refl. and transmission spectra, band gap determ. 2—20031
$CdIn_6Se_{10}$, in Cd_3Se_3-In_2Se_3 pseudobinary system 2—4017
CdM_2F_6S, (M^{II}=Mn, Fe, Co, Ni, Cu, Zn), cryst. struct. 2—22153
$Cd_{1-x}Mg_xTe$:Mn^{2+}, e.p.r. study 2—26261
$CdMn_{1.9}Fe_{0.1}O_4$, Jahn-Teller distortion, Mossbauer obs. 2—36829
$Cd(NO_3)_2$ and NaCl solutions as detector for recording of neutrons 2—38365
CdO-Bi_2O_3, elec. cond., temp. depend. 2—1511
CdO, donor diffusion, activation energy 2—15781
CdP_2-Ge system, phase relns. and growth of $CdGeP_2$ 2—9795
CdP_2, band struct. and exciton behaviour 2—26215
Cd_3P_2, solid laser device utilizing provides coherent laser oscillations having 2.12 micron wavelength at liquid He temperatures, patent 2—31052
$Cd(PO_3)_4$, prep., and surface tension, 900-1000°C 2—28817
$Cd_{10}(PO_4)_6Br_2$, sterically imposed nonstoichiometry 2—3769
$Cd_{10}(PO_4)_6Cl_2$, sterically imposed nonstoichiometry 2—3769
$CdPbO_3$, synthesis and cryst. struct. 2—22152
$CdS_xS_{(1-x)}$, diffusion processes and application to integrated optical circuit component fabrication 2—38102
$CdS_{1-x}Se_x$, Ar laser irrad., free carrier generation by exciton-donor interact. and exciton impact ioniz. 2—19635
CdS_xSe_{1-x} platelet laser, optically pumped by electron beam or laser beam, spectral characs. obs. 2—37983
CdS_zSe_{1-x}, graded band gap material, fluorescence 2—26231
CdSb:Ag(Ge)(Te) layers, doping and elec. props. 2—36046
CdSb:Te, Hg(In), influence of double doping on elec. props. and band struct. 2—36499
CdSb, anisotropy of Debye-Waller factors, X-ray obs. 2—16006
CdSb, band struct., elec. cond. and thermal e.m.f. study 2—29662
CdSb, impurity state redistrib. due to impurity-phonon interaction 2—40028
CdSb, polycryst., elastic moduli, resonance method 2—15801
CdSb, single cryst., anisotropy of elastic properties 2—15800
CdSb, single cryst., Gruneisen relation, power ultrasound and X-ray obs. 2—16067
CdSb film, prep. by crystalliz. of melt compressed between two backings, semicond. props. 2—32975
$CdSb_2O_6$, i.r. absorpt. spectra, cryst. chem. 2—26161
CdSe:Cl, pressed powder, nonlinear current-voltage curve, interparticle contact depend. 2—4211
CdSe:Cr,Fe, photoionization absorp. spectra 2—10373
CdSe:Cu, Cl layer, sintered, operation in longitudinal photoconductivity mode 2—29764
CdSe-Cu point contact, polarized memory mechanism 2—16250
Cd_3Se_3-In_2Se_3, phase diagram 2—4017
CdSe-SiO_x, in m.i.m. struct., conduction mech., interface phenomena 2—13291
CdSe-SiO_x, m.i.s. struct., vol. and interface traps, from C-V characts. 2—4259
CdSe-electrolyte interface, electron transfer, surface states contrib. 2—13225
CdSe, carrier mobility rel. to excitation intensity, in negative photocond. conditions 2—32976
CdSe, cubic, carrier effective mass, f-sum rule 2—4224
CdSe, dielec. coated, laser emission 2—11487
CdSe, diffusion of S and Te, possible ternary cpd. prep. 2—3820
CdSe, elec. domain motion, photoconductivity obs. 2—29771
CdSe, epitaxial growth, vapour phase method 2—35887
CdSe, exciton diffusion length, low temp. photocond. spectra obs. 2—10047
CdSe, hexagonal semiconductor, dispersion of nonlinear optical susceptibilities 2—4426
CdSe, in m.i.s. struct., flat band shift, controlled charge injection 2—4260
CdSe, n.m.r, of Cd^{113}, chemical shift obs. 2—37005
CdSe, neutron induced laser action 2—17638
CdSe, optical phonon drag effect 2—25813
CdSe, parametric mixing, phase matched nonlinear interaction 2—19950
CdSe, photocurrent kinetics and instability 2—16313
CdSe, photoelectronic props. of electronically active defects 2—13338
CdSe, resonator, electron phonon for producing coherent acoustic oscillations 2—11357
CdSe, single cryst., nonactivated, stationary photoconductivity 2—29770
CdSe, single cryst., photocond., effects of HNO_3 etching 2—16312
CdSe, single cryst., transient photocond., small signal case 2—16311
CdSe, solubility of Cu_2Se, 600-850°C 2—36248
CdSe, surface morphology, rel. to sublimation mechanism 2—12645
CdSe, temp.-elec. skin effect rel. to continuous sound generation 2—13223
CdSe, transient photocond., monovalent donors 2—4299
CdSe, two-electron transitions of donor 2—10337
CdSe, u.v. photoemission obs. of upper d levels 2—25979
CdSe electron-beam-pumped, temp.-induced wavelength shift 2—2403
CdSe film, cond. mechanism, effect of annealing 2—10011
CdSe film, evaporation in high vacuum, energy relns. 2—29030
CdSe film, heat treatment in air, Cd crystallite growth 2—18935
CdSe film, on $Ba_xSr_{1-x}TiO_3$ substrate, I-V characts., supersonic carrier drift vel. 2—19416
CdSe film, on CaF_2, refl. electron diffr. obs. 2—39500
CdSe film, photoelec. props. during activation 2—22641
CdSe film, twinning probability calc. 2—39525
CdSe films, photoemission obs. of energy struct. 2—6925
$CdSe_{1-x}S_x$, directional strain effect on birefringence 2—29912
CdSe(Te), interband Faraday effect 2—13435
CdSe(Te) and mixed crysts., interband Faraday effect 2—13436
$CdSiP_2$, band struct., refl. and absorpt. spectra obs. 2—13459
$CdSiP_2$, dissociation, kinetic parameters 2—1744
$CdSiP_2$ crystal, thermal expansion coeffs., high temp. X-ray study 2—32844
Cd_4SiS_6, photoluminesc., red and i.r. emission bands obs. 2—29960
$CdSnAs_2$, band struct., electrefl. spectra 2—13460
$CdSnAs_2$, reflectivity spectra, energy band struct. correlation 2—10345
$CdSnP_2$, single cryst., thermoreflectance spectra 2—29900
$CdSnP_2$, with different impurities, cathodoluminesc. and photoluminesc. 2—10452

Cadmium compounds continued

- CdTe:Cd film, annealed in Cd vapour, elec. and rel. to annealing temp. 2—29663
- CdTe:Co^{2+}, e.p.r., super-h.f.s., Koster-Statz effect 2—10502
- CdTe:Cu (Ga)(In), detector-mat. evaluation by e.p.r. and channelling expts. 2—36539
- CdTe:Fe, impurity levels, elec. props. photoconductivity, absorpt. and electro-absorpt. spectra 2—36538
- CdTe:Fe^{2+}, phonon conductivity 2—40029
- CdTe:In, photoluminesc., donor-acceptor pair spectrum 2—40722
- p-CdTe:S, i.r. absorpt. spectra, 90-470K 2—22761
- CdTe:Ti(V)(Cr), absorpt. spectra and crystal field parameters 2—22759
- CdTe-Au diode, IV characts, Schottky theory and tunnelling 2—29733
- CdTe-HgTe, heterostruct. with built-in homojunction, photovoltaic effect 2—13350
- CdTe, band struct. determ. 2—40279
- CdTe, Bi implantation, damage and annealing obs. 2—36049
- CdTe, broad band cathodoluminesc., effects of heat treatment and electron irradiation 2—29990
- CdTe, conductivity inversion obs. on ion implantation 2—36047
- CdTe, cryst. growth by Czochralski liquid encapsulation technique, problems 2—35951
- CdTe, cryst. growth by travelling heater method 2—35944
- CdTe, cryst. growth vapour-phase chem. transport technique using I and H 2—35939
- CdTe, crystal growth, modified Bridgman technique 2—9363
- CdTe, crystal growth, vapour transport method 2—18980
- n-CdTe, defect levels before and after electron-irrad., photoconductivity spectra obs. 2—36537
- CdTe, diffusion of S and Se, possible ternary cpd. prep. 2—3820
- CdTe, donor-Cd vacancy complexes, annealing effects 2—36535
- CdTe, double acceptor obs. 2—36528
- CdTe, electron beam landing energy, optical modulation 2—22554
- n-CdTe, electron irrad. defects, annealing, photocond. obs. 2—15739
- CdTe, energy band pseudopotential model, optical, photoemissive props. 2—19666
- CdTe, epitaxial layers on Ge, growth and microstructure 2—25188
- CdTe, exchange splitting in excitons, interatomic distance depend. 2—29903
- CdTe, for i.r. modulator, cryst. growth 2—29089
- CdTe, for low energy gamma-ray and X-ray spectrometers 2—24069
- CdTe, for low energy gamma-ray and X-ray spectrometers 2—31350
- n-CdTe, impurity photocond., recomb. centres 2—6902
- CdTe, impurity photocond. spectra 2—6901
- CdTe, ion implantation lattice disorder and outdiffusion 2—25370
- CdTe, γ-ray detector material, conf., Strasbourg, France, June (1971) 2—34808
- CdTe, γ-ray spectrometer mat. characterization by nuclear methods 2—34810
- CdTe, γ-ray spectrometer material, crystal growth and recombination centre parameters 2—34809
- CdTe, γ-ray spectrometer mat., trapping analysis, transient charge technique 2—34801
- CdTe, lattice disorder on Bi and Tl ion implantation, annealing obs. 2—36048
- CdTe, localized levels, elec. and opt. obs. 2—36667
- CdTe, metallurgical and electronic props. rel. to single cryst. growth 2—36500
- CdTe, Monte Carlo calc., high field transport props. 2—32970
- CdTe, n.m.r., of Cd^{113}, chemical shift obs. 2—37005
- CdTe, n.m.r. of ^{113}Cd, cond. electron g-factor 2—33351
- n-CdTe, non-Γ donor levels and electron transfer kinetics 2—33003
- CdTe, nucl. rad. detector, ion implanted, performance 2—34815
- CdTe, photoluminesc. spectra, spontaneous, edge emission band fine struct. 2—40715
- CdTe, piezo-optical constants at 10.6 μm, room temp. 2—36827
- CdTe, quality as γ-ray spectrometer 2—38367
- CdTe, reflectivity and band struct. 2—33303
- CdTe, Seebeck effect and Nernst-Ettingshausen effect, influence of optical phonons 2—25943
- CdTe, semi-insulating, crystal growth using modified Bridgman method 2—35949
- n-CdTe, semiconductor, pulse excited cathodoluminescence, relaxation kinetics, non-radiative recombination 2—7102
- CdTe, single crystal, continuous second harmonic generation 2—4425
- CdTe, stoichiometry rel. to conc. and type of electrically active defect 2—36536
- CdTe, Te surface layer, detect. by Raman back scatt. 2—7082
- CdTe, thermal cond., 65-300 K 2—22433
- CdTe, thermo-e.m.f. of hot electrons, field depend. 2—19778
- CdTe, transport processes, nucl. rad. detector characterization 2—34811
- CdTe, u.v. photoemission obs. of upper d levels 2—25979
- CdTe, X-ray and X-ray spectrometers, device and mat. evaluation, trapping obs. 2—34812
- CdTe detector for nucleonic propellant gauging in zero-G environment 2—34814
- CdTe film, light modulation by excitonic electroabsorption 2—26118
- CdTe film, photodielectric effect, model based on conductivity hypothesis 2—40376
- CdTe film, twinning probability calc. 2—39525
- CdTe γ-ray detector, carrier mobilities and trapping times 2—2634
- CdTe junction, surface-barrier, photoelectret effect on γ-irrad. 2—13349
- CdTe layers, concentration due to monochromatic illumination 2—29877
- CdTe microcrystalline hot pressed form, thermal expansion measurements from 10 to 300K 2—36356
- CdTe modulator, intracavity for CO_2 lasers, frequency and coupling 2—17665
- CdTe probe, medical, γ-ray detection, compared to Si(Li) probe 2—26947
- CdTe probe, medical, γ-ray detection, compared to Si(Li) probe 2—33785
- CdTe substrate, epitacial growth of InSb, liquid phase 2—1178
- Cd_2TiWO_7 crystal, growth, struct., dielec. loss and const., temp. depend. 2—39638
- $CdTl_{0.8}As_2$, glassy, elec. cond and band gap 2—19637
- $Cd_{10}(VO_4)_6Br_2$, sterically imposed nonstoichiometry 2—3769
- CdX, x=chalcogen, d-levels location from u.v. photoemission obs. 2—22658
- CdX_2, (X=Cl, Br, I), layer-like, adsorpt. of rare gases, first-layer formation by 2D condensation 2—22087
- $Cd_xZn_{3-x}As_2$, reflectivity obs., i.r.-vac. u.v. 2—20000

Cadmium compounds continued

- $Cd_{1-x}Zn_xSb$, temp. dependence thermoelectric power and resistivity 2—4210
- $Cd[Hg(SCN)_4]$ tetragonal crystals, nonlinear freq. conversion with phase matching 2—7035
- $Cd_5[SiO_4]_2(OH)_2$, cryst. struct. 2—9466
- Cu-Cd, base alloy, critical resolved shear stress, meas. in temp. independent region 2—9766
- Cu-Cd ferrite, elec. cond., mag. transition influence 2—6983
- GdTe detector device characterization. temp. range 60-80°C 2—34813
- $Hg_{1-x}Cd_xTe$ alloy, compositional dependence of energy bands and optical gap 2—9933
- p-$Hg_{1-x}Cd_xTe$, carrier conc. press. depend., 4.2 and 77K 2—32983
- $Hg_{1-x}Cd_xTe$, epitaxial vapour growth 2—29036
- $Hg_{1-x}Cd_xTe$, electron mobility 2—25823
- $Hg_xCd_{1-x}Te$, dislocations, etching study 2—9558
- KNO_3-$Cd(NO_3)_2$ glass, positron lifetime, temp. depend. through phase transition 2—36374
- Mg-Cd alloy, ordering process studied by electron microscopy 2—6437
- Mg-Cd alloy, plastic deform., role of slip and twinning 2—9679
- Mg-Cd molten alloys, structure, X-ray diffraction study 2—28789
- Pb-Cd-Sb alloy, tensile props. rel. to microstruct. and alloy comp. 2—19269
- Pb-Cd-Zn and Pb-Cd-Zn-Sn systems, phase diagram, computer calc. 2—13008
- Pb-Cd alloys, thermal expansion 2—6682
- Se-CdSe heterojunction strain sensor, properties 2—2056
- Sn-Cd alloy, Cd segregation during melting, neutron radiography obs. 2—15633
- Yb-Cd, system, phase diagram from differential thermal, microscopic and X-ray analysis 2—4024
- Zn-Cd alloy, crystal growth from stagnant or flowing melt 2—3582
- Zn-Sn-Cd-Bi, liquid solutions, thermodynamic properties 2—3382
- ZnTe-CdTe solid solution, negative photocond., room temp. 2—33077

cadmium sulphide

- acoustic velocity and attenuation, thermal Brillouin scatt. 2—33289
- acousto-electric domain, acoustic strain detn., Brillouin spectra and birefringence obs. 2—26114
- acousto-electric oscillator, Brillouin scatt. by coherent ultrasound 2—16584
- acousto-optical domains, light scatt. 2—16455
- acoustoelectric amplifier, reduced phonon noise 2—16028
- acoustoelectric current instabilities, unified model 2—36347
- acoustoelectric domain form., low temp. effects 2—16029
- acoustoelectric domain propagation, elastic anisotropy effects, Brillouin scatt. obs. 2—36348
- acoustoelectric domains, Brillouin scatt. 2—4056
- acoustoelectric surface domains investigation by method of acoustoelectric detection and properties of detector 2—25681
- band gap reduction due to high photoinjected carrier injection 2—29949
- birefringence spectral depend. 2—7061
- Brillouin scattering, acoustoelec., anharmonic and resonance effects 2—26200
- Brillouin spectra, reson. scatt. and fund. absorpt. edge 2—33290
- carrier effective mass, f- sum rule 2—4224
- cathodoluminescence, free exciton motion and exciton-phonon interaction studies 2—36958
- chemisorption of ethanol, electron emission, temp. depend. 2—10153
- chemisorption of O_2, kinetics 2—29060
- chemisorption of oxygen, effect on elec. cond. 2—18956
- chemisorption of oxygen, effect on elec. cond. 2—32974
- chemisorption of oxygen, influence of surface struct. 2—29061
- core electron level obs., x-ray induced electron emission obs. 2—19811
- crystal, hot luminesc., bound exciton reson. Raman effect 2—16581
- cyclotron reson., magnetoplasma interference effects 2—4138
- d-levels location from u.v. photoemission obs. 2—22658
- diffraction of light by acoustoelectric surface domains, power density as function of depth, frequency spectrum det. 2—32840
- diffusion of Ag, diffusion coeff., electric and optic-photoelectric meas. methods, 423-773K 2—9617
- diffusion of Se and Te, possible ternary cpd. prep. 2—3820
- disintegration, effect on photoelectric properties of heterophase electrophotographic layers 2—2479
- double injection current, change in properties 2—40245
- elastic waves, effect of piezoelectric interaction 2—16295
- electrical properties, rel. to growth conditions 2—19636
- electrode-electrolyte interface, electron transfer, surface states contrib. 2—13225
- electroluminescence, layer like in single cryst. 2—4525
- electron damping and amplification of Lamb waves 2—22414
- electrophotographic properties, effect of macromolecular binding agents 2—337
- epitaxial film, effect of substrate orientation on struct. 2—29031
- epitaxial growth, vapour phase method 2—35887
- e.p.r., spin Hamiltonian for Cr^{2+} 2—13536
- e.p.r. of Fe^{3+}:Ag^{3+} associated centres 2—33338
- exciton diffusion length, low temp. photocond. spectra obs. 2—10047
- F$^+$ centre, electronic struct. 2—1261
- field emission, single crystal, symmetrical surfaces 2—6918
- film, epitaxial growth, from vapour, struct., resist., cathodolum. 2—39535
- film, He ion bombarded, elec. cond., trapped electron release 2—40247
- film, in Al-(AL$_2$O$_3$)-CdS-Al switching element, post-breakdown conduction 2—19720
- film, photoelectret phenomena and dark polarization current 2—10130
- film, solution spray, prep., Hall mobility, rel. to cryst. orientation 2—32971
- film, twinning probability calc. 2—39525
- film, vacuum evaporated, elec. and physical props. 2—36492
- film for optical intensity modulation by Franz Keldysch effect 2—38035
- film/liquid cryst. system, photoactivated light valve device 2—21173
- flexural wave amplification, single cryst. platelet 2—6674
- fluorescent emission and radiative recomb. probabilities, spectral distrib. 2—10444
- hexagonal semiconductor, dispersion of nonlinear optical susceptibilities 2—4426
- h.f. electric signal detector, using acoustoelectric surface wave field in piezo-photo-conducting crystal 2—23429
- high field domain velocity, anode-cathode direction 2—25815
- ion implantation of N_2, diode form., photoelec. props., e.p.r. of implanted centres 2—15774
- ion implanted, shallow hole levels 2—6836

Cadmium compounds continued
cadmium sulphide continued
ion-implanted Bi depth distrib. 2—39710
Lamb wave, attenuation and intensification by carriers 2—1424
laser, electron-beam-pumped, temp.-induced wavelength shift 2—2403
laser, stimulated emission of polaritons 2—34404
layer, photothermoelec. analysis, carrier density and mobility 2—16310
light emission, associated with high field domains 2—13502
luminescence, Franck-Condon effects 2—10419
microcrystalline hot pressed form, thermal expansion measurements from 10 to 300K 2—36356
in m.i.s.m. thin film device, electron emission 2—10098
n-type, electron conc. and mobility, resist. and Hall meas. 2—10010
n-type, p-layer formation by N ion implantation 2—25422
n.m.r., of Cd^{113}, chemical shift obs. 2—37005
optical modulation by acoustic phonon flux 2—22790
optical phonons bound to neutral acceptors 2—19992
optical props., dislocations influence 2—10369
optical-transmission modulation by acoustoelec. domains 2—7062
optically pumped, hot exciton distributions 2—20123
p-n heterojunction, elec. and photoelec. characts. 2—6859
phospors, red-emitting, preparation and characteristics 2—4471
photoconductive and luminescent properties obs. 2—13339
photoconductivity, 0.9 eV quenching band temp. depend. 2—4298
photoconductivity and luminescence excitation spectra, intensity of illumination dependence 2—1719
photoconductor, preparation and characteristics 2—4471
photodesorption mechanism 2—12681
photodielectric lens effect 2—16415
photoelectrets, lifetime under different polarization conditions 2—22640
photoelectronic props. film, for light valve displays 2—22650
photoluminescence, i.r. and thermally stimulated luminesc., comparison 2—10420
photoluminescent spectra, gamma ray induced changes 2—20122
photomechanical effect, converse piezoelectric effect 2—19972
photometer using CdS cells, photoconductivity and limitations detected in calibration 2—17698
photoplasticity, dislocation motion kinetics 2—19175
photosensitive u.s. attenuation as tool for photocond. and optical absorpt. obs. 2—16025
photovoltage inversion effect, semiconductor surface state obs. 2—6896
piezoelectric, ion implantation, monolithic acoustic surface wave amplifier formation 2—29190
piezoelectric effect, surface 2—36598
platelets, thermally stimulated currents in range of unity gain factor, frozen-in current 2—19777
polariton scattering, inelastic processes 2—16529
polycrystalline, thermal expansion measurements from 30 to 250°C 2—36353
Raman scatt., reson., role of bound excitonic states 2—16582
Raman scattering, by LO phonons, electric field induced 2—16528
Raman scattering from lattice vibrations, reson. cancellation 2—36897
Raman scattering from solid, evidence of bound exciton resonance 2—7079
resonator, electron phonon for producing coherent acoustic oscillations 2—11357
semiconducting, off-axis domain formation and current anomaly 2—40246
semiconductive, domain formation, threshold elec. field 2—13224
semiconductor, pulse excited cathodoluminescence, relaxation kinetics, non-radiative recombination 2—7102
semiconductor, recomb. luminesc., rel. to adsorption, elec. field 2—22795
single-crystal/amorphous-semiconductor heterojunction pickup tube 2—10147
sintered, gamma-induced conductivity rel. to applic. in gamma detector 2—34799
sintered layer, microstruct., X-ray diffraction obs. 2—19046
surface, contact potential difference meas. 2—13264
surface acoustoelec. domains, Bragg diffr. 2—29547
surface photovoltage, wavelength depend. 2—13345
surface state parameters, determ. from surface photovoltage transients 2—29603
surface states, photovoltage spectroscopy study 2—32892
surface structure, etched {00.1} faces, elec. microscope and diffr. obs 2—9247
surface-wave interactions, acoustic convolution 2—4055
thermostimulated capacitor discharge, pseudo current glow curves 2—40275
thin film, u.h.v. chamber for conductivity obs. before and after ion bombardment 2—23204
thin films, observation of whiskers on vacuum evaporated samples 2—12672
transducer, thin film, efficiency and optimum thickness 2—29525
transducer, thin film, precip. under electron bombardment 2—4046
tunable four photon parametric fluorescence 2—29866
u.s. amplification, temp. depend. 2—29545
u.s. amplification in continuous drift field 2—29546
u.v. photoemission obs. of upper d levels 2—25979
vapour pressure determ. by torsion-effusion method 2—28966
whisker head, pin-like, faces, growth mechanism 2—25216
X-ray L_{23} spectra of quantum efficiency of S photoemission 2—26204
X-ray $L_{II,III}$ emission spectra, ESCA technique 2—36919
X-ray $L_{II,III}$ photoemission spectra, fine structure study 2—36909
X-ray spectra, band struct. 2—16595
birefringence meas., 2.5-13 μm, of single crystals 2—10301
CdS:Ag:Cl, residual cond., model 2—4208
CdS:Ag, Al, i.r. detection, by high field domain reconfiguration 2—29714
CdS:Ag,Er^{3+} photoluminesc., sensitization 2—20092
CdS:Ag film, evaporated, recrystalliz., electron micrograph obs. 2—35888
CdS:Ag platelet crystal heated in Zn vapour, fluorescence 2—16619
CdS:Co^{2+}, ENDOR spectra, quadrupole splitting 2—7153
CdS:Co^{2+}, hyperfine consts., ENDOR study 2—40788
CdS:Cu, i.r. luminesc. 2—13503
CdS:Cu, photo-Hall effect, i.r. quenching 2—33068
CdS:Cu, trap parameters, thermolum. study 2—19668
CdS:Cu crystal, Hall mobility rel. to doping 2—29664
CdS:Cu powder phosphor, prep. and electolum. 2—40733
CdS:Ga, spectra obs. of structure change dependent on impurity conc. 2—26162
CdS:Li, exhibiting tap effect, pyroelec. effect, differences in surface charges during cooling and heating 2—19775
CdS:Mn, high symmetry pts. in Brillouin zone 2—19361
CdS:Mn^{2+}, e.p.r., linear elec. field effect 2—22831
CdS:Ni^{+}, e.p.r., g-factor and hyperfine struct. 2—30016
CdS:Te, conc. depend. of emission intensity 2—4490
CdS:Te, diffusion and solubility of Te, vapour pressure method, concentration profiles detn. 2—9593
CdS:Ti^{2+}, $^3A_2(^3F)\rightarrow{}^3T_1(^3F)$ absorpt. band, Jahn-Teller struct. 2—10371
CdS:Ti^{2+}, e.p.r., spin echo 2—10500
CdS:Ti^{3+}, e.p.r. study, 27 K 2—26275
CdS:Yb^{3+}, Er^{3+}, Dy^{3+}, interstitial site crystal field pot., g-factors calc. 2—10287
CdS/In boundary, contact barrier development, current instability 2—4254
CdS-$CdCl_2$ system, phase equilib., DTA study 2—1408
CdS-Cu_2S heterojunction, elec. props., photosensitivity 2—36492
CdS-$Cu_{2-x}S$ n-p heterojunction, energy band diagram 2—4247
CdS-MnS coprecipitate, e.p.r. study 2—40762
CdS-MnS powder, degree of dispersity, particle size distrib., small angle X-ray scatt. 2—3970
CdS-Ni, absorption spectra, charge transfer band region, bound state formation 2—36889
CdS-PbS heterojunction, photovoltaic effect visible and near i.r. 2—10148
CdS-S solid solution, photoelectret state formation and high photosensitivity and resistivity obs. 2—36603
CdS-SnS heterojunctions, photovoltaic effect 2—33082
CdS, magnetic susceptibility measurement eliminating effects of prehistory 2—10208
CdS, photosensitivity, rel. to photochem. reactions, heat treatment 2—22639
CdS layer on W, photo-field emission 2—4319
CdS transducer, wedge-shaped, for u.s. surface waves 2—6660
$CdS_{1-x}Se_x$, mixed cryst., e.p.r. spectra of Mn^{2+}, elec. effects 2—26276
CdS_xSe_{1-x}, directional strain effect on birefringence 2—29912
$CdS_{1-x}Te_x$, mixed cryst., e.p.r. spectra of Mn^{2+}, elec. effects 2—26276
CdSe-CdS photoconductive cell, degradation mechanism and reliability estimation 2—29773
CdS_xse_{1-x}, solid soln., reson. Raman effect 2—16583
$Cd_{1-x}Zn_xS$, long wavelength phonon freq., conc. depend. Raman spectra 2—20065
$Cd_{1-x}Zn_xS$, mixed cryst., e.p.r. spectra of Mn^{2+}, elec. effects 2—26276
chemisorption of ethanol and O_2, electron emission 2—10152
Cu-CdS system, space-charge-limited current 2—13209
$Cu_{2-x}S$-CdS photocell, scanning light microprobe obs. 2—4307
Cu_2S-CdS, heterojunc., photovoltaic cell, optical degradation effects 2—10146
photovoltaic cell prep. in soln. with Bi ions 2—10145
(Zn,Cd,Hg)S:Cu,In electroluminor, electrolum., radiation enhancement 2—36968
$Zn_xCd_{1-x}S$:Ag,Ni, photoluminescence mechanism, energy band model 2—4480

Caesium
absorbing film on W, ellipsometry, validity of Drude relations below monolayer coverage 2—15670
absorption series, line shapes, pressure effects on inert gas mixtures 2—24331
adsorbed layer on Ni, band struct. determ. from u.v. photoelectron specta 2—36635
adsorbed on W emitter surface, work function calc. 2—19794
afterglow, recombination and diffusion mechanisms 2—24841
afterglow discharge plasma, excited states relaxation in presence of reabsorption 2—24355
associative ionization, effective cross-section, $8^2P_{1/2}$ state 2—35154
atom, collisions with Cs and inert gas, excitation transfer cross section 2—2971
atom, comparison of experimental and theoretical pressure broadened line shapes 2—21507
atom, cross-section for spin exchange with Rb, indirect optical pumping 2—664
atom, effective cross section for associative ionization from the $8^2P_{1/2}$ state 2—28220
atom, electron impact ionization mechanisms 2—5815
atom, highly excited, collisions with inert gas atoms, excitation transfer cross sections 2—5837
atom, n.m.r., Bloch-Siegart shifts 2—38833
atom, optical pumping, in oscill. r.f. field, g-factor modification 2—31690
atom, photoionization cross section and spin orientation of ejected electrons 2—31677
atom, principal series oscillator strengths and ground state photoionization cross sections 2—31679
atom, resonant multiphoton ioniz. in laser light 2—38824
atom, scattering of Li, total cross section rel. to singlet potential determination of LiCs molecule 2—21621
atom, spin exchange collisions with He^+, cross section meas. 2—2970
atom, spin-orbit perturbation in P-state continuum 2—24362
atomic beam, multiphotonionization by Q-switched Nd-glass laser at 1.06 μm, role of molecular Cs component 2—12019
atomic frequency standard 2—5119
atomic spectra, highly excited levels, absorption line-broadening and shift in Cs vapour 2—11956
atomic time scales, construction techniques and improvement suggestion 2—5118
atoms, collision with I_2, cross section meas., comparison with harpooning model predictions 2—686
atoms, collisions with Hg, differential scattering cross sections and intermolecular potential energy curves 2—888
atoms, collisions with O_2, NO_2, N_2O, analysis of ion production 2—899
atoms, collisions with O atoms, charge exchange cross section, theoret. study 2—691
atoms, low odd levels 2—2934
atoms, photoionization using laser at 6943Å, 3 photon process ratio of transition rates of circularly and linearly polarized light meas. 2—603
collisions with protons from 0.5-2.5keV, cross section for production of H(2s) and H(2p) 2—5856
compressibility beyond critical region, p-v-t relations 2—28935
diffusion of ions in Cs_2O-B_2O_3, effect on n.m.r. of glass and cryst. samples 2—30025
diode, electron elastic collision cross-section and electrode contact potential determ. from voltampere characteristics 2—11989

Caesium continued
- diode, emitter and collector work functions, contact potential difference and effect of inert gas addition 2—23545
- diodes, elastic electron-Cs collision cross sections from transport phenomena 2—34293
- discharge, pulsed, spontaneous emission 2—2935
- discharge plasma, spectral emission, level population and plasma decay and development processes 2—35610
- electronic phase transitions with symmetry change 2—15955
- film, collective electron oscillations obs. by photoemission 2—16329
- film, thermal cond., calc. from elec. cond. 2—29567
- gas phase, fornidden p.m.r. transitions 2—35169
- Hall effect meas. in solid and liquid state 2—16137
- implanted, in Si, positive surface charge control at Si-SiO_2 interface 2—10078
- ion source, with large perveance and high degree of collimation, beam production and acceleration 2—23552
- Knudsen plasma diode, mechanism of current oscillations 2—21011
- level population due to decay of He-Cs plasma 2—977
- liquid, interionic potential calc. 2—21955
- liquid, temperature dependence of resistivity evaluated using a model potential in the Ziman formula 2—3405
- liquid, velocity of sound, 301.5-655 K 2—28850
- low pressure discharge, electron energy distrib. function meas. 2—21821
- multiphoton ionization at 1.06 and 0.53 microns 2—35153
- optical absorption spectra in inert gas matrices, dynamical Jahn-Teller effect 2—10392
- phonon dispersion, two parameter model potential method 2—19365
- photoemission from core states 2—4118
- photoionization of excited atoms, cross section determ. 2—602
- plasma, conc. gradient determ. from hook distortion 2—39112
- plasma, currentless photoresonance 2—35494
- plasma, dense, Coulomb interaction contribution to specific electrical resistance 2—39121
- plasma, dense, nonideal, electrical conductivity obs. at high temp. 2—28517
- plasma, dependencies on pressure of various ion species, mass spectral obs. 2—24779
- plasma, electron velocity distribution functions 2—6066
- plasma, ionic species determ. using d.c. and r.f. excitation 2—3204
- plasma, l.v. arcs, electron temp. and charged particle distrib. in gap 2—12376
- plasma, resonance charge exchange cross section at 2 eV 2—18603
- plasma, spectroscopic meas. of electron density and temp. 2—15472
- plasma, turbulent diffusion, heating and resistivity 2—24665
- plasma column structure in weak mag. field 2—12396
- plasma discharge, influence of resonant illumination on props. and parameters 2—31956
- population inversion between hyperfine sublevels 2—254
- in rare gas matrices, absorpt. and luminesc. 2—24387
- reactive beam scattering by SF_6 and SF_4, CsF prod., vibr. energy distrib. study 2—21597
- relative oscillator strengths for transitions in diffuse series 2—8444
- seeding of Ar arc, effect on cathode temp. 2—12373
- self-diffusion in CsI, temp. depend. 2—22247
- thermionic electric space potential 2—14362
- vapour, collisions with protons, fraction of H atom in 2s state produced 2—5855
- vapour, saturated and superheated, sound velocity obs. up to 1280°K 2—6157
- vapour sound emission by front of shock wave due to ionization and electron excitation 2—31970
- velocity distrib. of atoms issuing from multi channel glass capillary array, scattering cross sections 2—12018
- Ag-O-Cs photocathode, emission mechanism, cpd. form. on sensitizing oxidized layers 2—33086
- Cs-Ar discharge, electron distrib. function, kinetic coeffs. 2—15443
- Cs-Ar positive column, electron temp. and radial density distrib. of Cs atoms 2—12464
- Cs-H_2(N_2) collisions, excitation transfer cross sections 2—35152
- Cs-He, plasma, decay, luminescence flare up and population of Cs levels 2—977
- Cs-Hg, high resolution meas. of differential scattering cross section intermolecular potential determ. by inversion of data 2—28427
- Cs-K crossed beams, thermal energy, velocity dependence of total elastic scattering cross section, determ. of long range potential 2—2975
- Cs-O_2 vapour sources, applic. to thermionic energy converters 2—23496
- Cs and Cs-He plasma, electrical conductivity obs. 2—24690
- Cs clocks, diurnal freq. var. and refraction index 2—10738
- Cs I, satellites of principle lines 2—18303
- Cs I, van der Waals broadening of shock excited emission lines, about 5000K 2—15227
- Cs I (6G-5D) forbidden component, ionic profiles calc. 2—24345
- Cs^+, excitation in collisions with He, Ne, Ar in energy range from threshold to 28 keV 2—2969
- Cs^+ mobility in Cs vapour-Kr mixtures, obs. by time of flight thermionic detection method 2—24836
- ^{133}Cs gamma-gamma-gamma ang. correl. method and studies from the decay of ^{133}Ba 2—5585
- ^{137}Cs, radioactive fallout in atmospheric dust and rain during 1971, effect of Chinese and French nuclear tests 2—40973
- ^{137}Cs burdens from whole-body counter, occupational radiation burdens on population of Budapest, data processing 2—41313
- Ge.ZnSe/GaAs(Cs), heterojunc. photocathode 2—6926
- $InAs_{1-x}P_x$(Cs-O), long-wavelength photoemission 2—6928

Caesium compounds
- aqueous salt solutions, effect on metal transfer during CO_2 welding 2—19250
- caesium manganese oxalate tetrahydrate, cryst. struct., X-ray obs. 2—32482
- caesium manganese oxalate trihydrate, cryst. struct., X-ray obs. 2—32481
- chloranilates, hydrated, crystal data, X-ray diffr. 2—19062
- CsF, produced by reactive beam scatt., vibrational energy distribution 2—782
- halide, detect pairs, Maxwell Boltzmann distrib. 2—36015
- halide, ionic transport parameters 2—33051
- halide films, i.r. spectra and shifts of adsorbed CO 2—5918
- halides, core exciton decay, photoemission obs. 2—19802
- halides, elastic consts., temp. depend. 2—29231
- halides, far-i.r. anharmonic self-energy of long wave phonons 2—19348

Caesium compounds continued
- halides, lattice dynamics 2—16008
- halides, thermal negative ion emission from binary mixtures on Nb wire 2—22655
- $C_2UO_2Br_4$, fluorescence spectrum and relaxation time meas. 2—26232
- Ce-Mg, intermetallic compound, struct., disordered substitutions, X-ray obs. 2—6452
- Cs-Sb photocathode, thermally stable processing, thermal effect on photoelectric response 2—29786
- Cs halide, reflection spectra between 12.5 and 26 eV, Cs-5p core level excitation 2—36856
- $CsBF_4$ phase diagrams, phase transformations, entropy calculations, high pressures 2—3987
- CsBr:Pb^{2+}, A-band peak position determ. using extended Mollwo-Ivey reln. 2—29197
- CsBr, absorpt. spectra, 12-25 eV, 300, 17 and 20K 2—20034
- CsBr, far-i.r. absorpt. due to impurities, phonon density 2—19366
- CsBr, far-u.v. reflectivity spectra, electronic struct. 2—13457
- CsBr, ionic crystal, surface states, Green's function method calc. 2—36420
- CsBr, lattice dynamics, dispersion relations, three body force model 2—36332
- CsBr, lattice dynamics 2—6654
- CsBr, quadrupole hyperfine structure 2—38901
- CsBr, second order Raman frequencies in terms of phonon frequencies 2—29935
- CsBr, shell-model lattice dynamics, calc. of frequency distribs. and dispersion curves 2—29508
- CsBr, single cryst., nuclear acoustic resonance 2—7157
- CsBr(Cl)(I), vacancy pair form. energies 2—22192
- CsCl:K(Rb), i.r. lattice absorpt., breathing shell model 2—36875
- CsCl/XCl fused mixture, (X=Li,K,Rb), u.s. velocity and compressibility 2—25077
- CsCl, absorpt. spectra, 12-25 eV, 300, 77 and 20K 2—20034
- CsCl, far-u.v. reflectivity spectra, electronic struct. 2—13457
- CsCl, impurity induced Raman scatt., phonons 2—22410
- CsCl, impurity modes and effective force consts. 2—25661
- CsCl, ionic conductivity and inert gas diffusion, phase transform. effects 2—15788
- CsCl, shell-model lattice dynamics, calc. of frequency distribs. and dispersion curves 2—29508
- CsCl, struct. type, lattice dynamics, dispersion relations, three body force model 2—36332
- CsCl, surface ionization on Ir(111)-C film emitters, effect of adsorped C 2—21865
- CsCl single crystals, vaporization rate in phase transition region meas., relation bulk diffusion rate of Cs^+ discussed 2—12620
- $CsClO_4$ phase diagrams, phase transformations, entropy calculations, high pressures 2—3987
- CsCl+KCl, collision complex formation cross sections, ang. distrib. from mol. beams 2—28429
- CsCl+KI, collision complex formation cross sections, ang. distrib. from mol. beams vel. distrib. 2—28429
- $CsCoCl_3.2H_2O$, canted Ising linear chain behaviour 2—40549
- $CsCoCl_3.2H_2O$, mag. struct., exchange interactions 2—40548
- CsD_2AsO_4, ^{133}Cs spin lattice relaxation rate 2—29844
- CsD_2AsO_4, ^{75}As quadrupole coupling const. 2—10554
- CsD_2AsO_4, ferroelectric phase transition, ^{133}Cs spin-lattice relax. temp. depend. obs. 2—6881
- CsF, extreme UV absorpt. spectra, multiplet exciton band obs. 2—22793
- CsF, molecular beam, r.f. spectra, electric dipole moment and quadrupole coupling const. up to v=8 2—5926
- CsF, prod. by reactive beam scattering of Cs by SF_6 and SF_4, vibr. energy distrib. 2—21597
- CsF, submicron particle prod., evap. and meas. in shock tube 2—12981
- Cs_3FeCl_6, Mossbauer effect, consistent difference in parameters of spectra indicate that compound can exist in two forms 2—36832
- CsH, potential energy curves, applicability of Morse potential rot. consts., r-centroids, Franck Condon factors 2—18457
- CsH_2AsO_4, efficient second harmonic generation of Nd^{3+}:glass picosec. laser pulses 2—37984
- CsH_2AsO_4, electric field gradient tensor at Cs sites, in para- and ferro-electric phases 2—29844
- CsH_2AsO_4, paraelectric phase, proton-phonon coupling, Raman spectra 2—19364
- CsH_2AsO_4, phonon-phonon and proton-phonon interactions 2—19352
- $CsHF_2$, lattice energy calc. using multipole moments from LCAO-MO calcs. 2—22093
- CsH_2PO_4, dipolar spin-lattice relax. study of l.f. motion 2—10259
- $CsH_3(SeO_3)_2$, dipolar spin-lattice relax. study of l.f. motion 2—10259
- Cs_2HfCl_6, e.p.r. of Nb^{4+}, 4.2-77 K 2—4539
- CsI/Tl, luminescence yield, electric field effects 2—20093
- CsI-TlI mixed crystal, dielec. props. 2—25933
- CsI-ZnTe with CsI-Ge vacuum deposited, interference filters for spectral regions 15-50 μm 2—31130
- CsI, absorpt. spectra, 12-25 eV, 300, 77 and 20K 2—20034
- CsI, diffusion of ^{134}Cs and ^{86}Rb, temp. depend. 2—22247
- CsI, diffusion of rare gases 2—3809
- CsI, energy loss of particles due to ionization 2—4091
- CsI, extreme UV absorpt. spectra, multiplet exciton band obs. 2—22793
- CsI, far-i.r. absorpt. due to impurities, phonon density 2—19366
- CsI, laser irrad. induced crowdion deform. mechanism 2—6495
- CsI, luminesc., kinetics of self trapped exciton recomb. 2—4472
- CsI, optical constants in the excitonic region 2—20001
- CsI, shell-model lattice dynamics, calc. of frequency distribs. and dispersion curves 2—29508
- CsI, thin layers, low-temp. phase transform. 2—9798
- CsI, with impurity ions, i.r. absorpt. spectra, lattice dynamical calc. 2—40661
- CsI antireflection coating for Si in 2.5-50μm region, transmittance obs. 2—8012
- CsI determ. of electron density of an ionized plasma 2—12367
- CsI satellite X-ray detector, contribution to background rate by spallation products in crystal 2—17984
- $CsIOF_4$, cryst. struct. 2—32453
- CsI(Tl) subject to γ-irradiation, triplet model for excitation of emission centres 2—16075
- $Cs_3In_2Cl_9$, vibrational spectra and structure 2—31773
- Cs_2MnBr_4, cryst. struct., X-ray determ. 2—39639
- $Cs_2MnBr_4.2H_2O$ magnetic transitions, exchange and anisotropy fields from spin flop and saturation fields 2—29834

Caesium compounds continued

- $CsMnCl_3$, mag. struct., neutron diffr. 2—4409
- $CsMnCl_32H_2O$, e.p.r. freq., short range order effects 2—20148
- $CsMnCl_3.2H_2O$, e.p.r. linewidth anisotropy, spin correls. 2—40757
- $CsMnCl_3.2H_2O$, p.m.r., motion of crystalline H_2O 2—7135
- $CsMnCl_3.2H_2O$, proton distribution, magnetic space group 2—33172
- $CsMnF_3$, antiferromag., n.m.r. spin echo of ^{55}Mn. spin-spin relaxation 2—16403
- CsN_3:NO_3-, u.v. irradiation, e.s.r. in NO molecule 2—12182
- CsN_3, photoinduced defect associated with an impurity, e.s.r. study 2—22825
- $CsNO_3$, polarized Raman spectra in solid and molten phases 2—36898
- $Cs_2NaBiCl_6$, cryst. struct. 2—29138
- $CsNb(Ta)O_3$-$W(Te)O_3$ system, crystal chemistry 2—15682
- $CsNiCl_3$, n.m.r. of ^{35}Cl and ^{133}Cs, mag. props. 2—22703
- $CsNo_3$, electrooptical properties 2—26117
- Cs_2O-B_2O_3, glass and cryst. samples, n.m.r., effect of ionic motion 2—30025
- Cs_2O-B_2O_3, glass and cryst. samples, struct., n.m.r. study 2—30026
- Cs_2O-M_2O-SiO_2 glass, (M=Li,Na), refr. index, density and thermal expansion 2—28975
- Cs_2O-P_2O_5-B_2O_3 glass, containing Cu^{2+}, struct., e.p.r. study 2—28976
- Cs_2O-SiO_2, glass, electrical conductivity, activation energy, models 2—3458
- CsO dissociation energy and ground state calc. from ion model 2—28266
- Cs_2O activated GaAs photocathode, electron energy loss in band bending region 2—6927
- $0.71Cs_2O.0.52BaO.6Al_2O_3$ synthesis 2—36276
- $CsPbCl_3$, cryst., phase transitions, polarizing microscope obs. 2—12995
- $CsPbCl_3$, phase transitions, determined by e.p.r., DTA, and dielectric measurements 2—32762
- $CsPbCl_3$, phase transitions, dielec., DTA and e.p.r. obs. 2—12994
- $CsRbMn_2Cl_6$, atomic struct. 2—22159
- Cs_2SO_4 in inert gas matrices. 4.2 K, i.r. absorption spectra, vibr. assignment 2—31790
- Cs_2SO_4 single crystal, Raman spectrum meas. using Ar^+ laser as excitation source 2—36899
- Cs_2SO_4 single crystals, Mn^{2+} e.p.r. spectrum 2—4540
- CsSb, visible spectrum 2—8607
- Cs_3Sb layers, i.r. photoemission current anomalies caused by surface traps 2—36634
- $CsSb_2F_{11}$, ^{121}Sb Mossbauer data rel. to structural parameters 2—1668
- $CsTi(SO_4)_212H_2O$ and deuterated system, e.p.r. g-values, Jahn-Teller effect 2—10288
- $CsTl^{III}(SO_4)_2.2H_2O$, cryst. struct., X-ray obs. 2—35984
- Cs_2UBr_6, lattice dynamics 2—16007
- Cs_2ZnCl_4, molten system, Raman spectral study 2—28863
- Cs_2ZrBr_6:Ir^{4+}, high resolution magnetic circular dichroism and absorption spectra, assignment 2—26164
- Cs_2ZrCL_6, e.p.r. of W^{5+} and Mo^{5+}, 4.2-77 K 2—4539
- $GaCl_3$-CsCl moleten mixture, Raman study of melt structure 2—28864
- K-Cs alloys, liq., nucl. spin-lattice relax. 2—18855
- Na-Cs alloys, liq., nucl. spin-lattice relax. 2—18855
- Rb-Cs alloys, liq., nucl. spin-lattice relax. 2—18855
- RbCs, alloy, binary disordered, phonon frequencies using nonlocal pseudopotential methods 2—22385
- $(Tl,Na, Rb)NO_3$ system, solid-liquid equilibria, polythermal projections 2—22035

Calcium

- atom, electron impact ionization, cross section meas. from threshold to 200 eV 2—5819
- atom, Hartree-Fock-Slater theory, Herman-Skillman modification 2—5775
- atom, inelastic collisions with slow electrons, investigation of ionization and excitation using crossed beam technique 2—5818
- atom, oscillator strengths and singlet triplet splittings, core polarization corrections 2—31662
- atomic cascade, linear polarization correlation of photons rel. to exptl. test of local hidden variable theories 2—31659
- band structure, Slater-type pot. calc. 2—1463
- binding energy and lattice constants, pseudopotential calc. 2—40139
- excitation by electron impact of resonance lines 2—11948
- Fermi surface, Slater-type pot. calc. 2—1463
- in interstellar clouds, ionization equilibria as a function of position 2—33687
- interstellar feature in region of η Carinae 2—20605
- ionization constants for NO-acetylene flames 2—22897
- ions, in Li isoelectronic sequence, spectra 2—2995
- K-line photometry, A stars in population I clusters 2—7445
- K-line photometry, southern A stars, temperature and abundance variations 2—7423
- mean residence times and atomic desorption as fn. of O_2 surface coverage 2—35904
- patients total body, meas. and control of dose equivalent in in vivo neutron activation analysis 2—41305
- photoionization, effect of two electron autoionizing levels on cross sections 2—8461
- solar energetic-particle events, composition, enrichment of very heavy nuclei 2—11082
- solar flocculi, Kodaikanal Observatory, second half of 1967 obs. 2—41242
- Sun, lower chromosphere, meas. of non-thermal velocities from rare-earth emission lines in wings of H and K lines 2—17088
- whole body content det. by in vivo neutron activation analysis 2—26956
- X-ray spectra, $K\beta$ emission and K absorp., band struct. assignments 2—33294
- Ca:Eu^{2+}, e.p.r., 5-30K, 35 GHz and 9 GHZ 2—30003
- Ca I interstellar line at $\lambda4226$ for four stars with strong Ca II K-lines 2—4900
- Ca I lines in sunspots, fin structure of Evershed effect and velocity measurements 2—37407
- Ca II, interferometric, photoelectric, scans of K-lines in 65 stars 2—26746
- Ca II, interstellar, K-line profiles in front of distant OB stars 2—37321
- Ca II circumstellar absorption components of U Mon 2—26709
- Ca II H and K absorption line redshifts for two galaxies near PKS 2251+11, a quasi-stellar source 2—13845
- Ca II H and K lines, crossed beam meas. of cross section for electron impact excitation 2—5799
- Ca II interstellar absorption line, bright O- and B-type stars in Orion region 2—4870

Calcium continued

- Ca XI, extreme u.v., Hartree-Fock theoretical wavelengths, accuracy 2—24336
- Ca XV, identifications in the extreme u.v. in a solar flare 2—26915
- Ca XVIII spectrum in u.e.v. identification and classification of spectral lines 2—31666
- Ca^0, Ca^+ interstellar, basis of model of interstellar medium 2—30505
- Ca^+ emission luminosity in stars rel. to age 2—16986
- Ca_2 vapour, absorption spectrum at 2300 K 2—8601
- Ca^{2+}, in KCl-NO_2, effect on low temp. spectra 2—16492
- Ca^{2+}, ions, impurity diffusion NaCl crystals 2—9591
- CaII and MgII, comparison between spectroheliograms 2—30606
- CaII emission lines from faculae, magnetic rope model of structure 2—11096
- CaII i.r. lines, inhomogeneities in the solar atmosphere 2—11052
- CaII interstellar lines, deduction of southern galactic structure 2—20484
- CaII K emission rel. to faculae and photospheric magnetic fields 2—30624
- CaIX MgI-like spectra, analysis, isoelectronic comparison with spectra of KVIII, ScX, TiXI 2—28198
- KCl:Ca, Sr, Ba, thermal electric alignment and Stark effect of Z_1-centres 2—20040
- NaCl:Ca, first stage coloration, room temp. 2—12789
- SrF_2:Ca, X-irrad., optical absorp., F_{ae} centres 2—33256

Calcium compounds

- anhydrite, exothermal effect rel. to hexagonal-orthorhombic transform 2—12992
- anorthite, domain texture, electron microscopy 2—32449
- apatite, e.p.r. of Mn^{2+}, impurity distrib. regularities 2—10498
- apatite, i.r. spectral investigation of structural changes during hydrothermal treatment 2—39635
- calcite, crystal, struct., effect of S impurity 2—6422
- goetzenite, cryst. struct. 2—9463
- hydrazinecarboxylate, anhydrous, cryst. and mol. struct. 2—9504
- hydroxyapatite, i.r. spectra of OH groups, H bonding, fluoridation effects 2—36872
- leonhardite, crystal structure determ. by X-ray diffractometry 2—6426
- silicates, hydrated, pore struct. analysis by water vapour adsorpt. 2—35910
- tartrate, cryst. growth in gels, effect of Fe^{3+} contamination 2—15685
- α-$2CaO.GeO_2.H_2O$, i.r. spectrum and struct. 2—36871
- $Bi_{3-x}Ca_{2x}Fe_{5-x}V_xO_{12}$ Mossbauer study of Fe^{3+} 2—13445
- $Bi_{0.3}Ca_{2.68}Pb_{0.02}V_{1.35}Fe_{3.65}O_{12}$, Co-doped, anomalous mag. reson. 2—10462
- $Bi_{3-2x}Ca_{2x}V_xFe_{5-x}O_{12}$, magneto-optical effects 2—40611
- Ca-Bi-V ferrite garnet, indirect exchange interact., V participation. neutron diffr. obs. 2—36739
- Ca-Cu, system, thermal and differential thermal analysis, phase diagram 2—3955
- $CaAl_2Si_2O_8$, metastable feldspar, displacive transformations, DTA obs. 2—22356
- $CaAsO_3(OH).H_2O$, haidingerite, hydrogen bonding 2—39637
- $CaAsO_3(OH).H_2O$, haidingerite, bonding and morphology 2—39636
- CaB_6, single crystal, vapour liquid solid growth mechanism 2—1204
- $Ca_2B_5O_9Cl(Br)$, crystal structure, preparation 2—9451
- $CaB_3O_4(OH)_3.H_2O$, colemanite, ferroelec., internal bias fields 2—13317
- $CaBSiO_4(OH)$, datolite, positions of hydrogen atoms 2—19044
- $CaBaGe_2O_6$ host lattice, luminescence of phosphors 2—4503
- $Ca_2BaSi_3O_9$, vibr. spectrum interpretation 2—36908
- $CaCO_3$, calcite, sorption of water vapour and N_2, effect of ball-milling 2—35911
- $CaCO_3$, calcite mode Gruneisen parameters and thermal expansion 2—40027
- $CaCO_3$, crystallization from soln., calcite seeding effects, kinetics 2—22105
- $CaCO_3$, fundamental vibrational modes, far i.r. reflection spectra 2—19998
- $CaCO_3$, optical phonon lifetimes 2—19360
- $CaCO_3$, oxygen adsorption influence on thermoluminesc. 2—10450
- $CaCO_3$, phonon dispersion 2—19358
- $CaCO_3$, simultaneous cryst. growth of vaterite and calcite in gels 2—15684
- $CaCO_3$, synthetic, etching, cleavage and dislocation obs. 2—25249
- $CaCO_3$ and saline solution of HCO_3, ^{14}C and ^{18}O isotope exchange 2—16768
- $CaCO_3$ chemical shift, anisotropic, powder distrib., inhomogeneous spin echoes, dipolar broadening 2—13422
- $CaCO_3$(Calcite), luminescence from single crystals irradiated at 4.2 K 2—7108
- $CaCO_3III$, high pressure phase, prep. from calcite by method giving Raman spectrum free of $CaCO_3II$ features 2—10406
- $CaCO_33$, calcite, cryst. growth at low temps. and low press. 2—35935
- CaCl-KCl-NaCl-UCl_3-UCl_4 solid systems, phase diagrams 2—39998
- $CaCl_2$, Cl^- $L_{2,3}$ absorpt. spectra regularities 2—20032
- $CaCl_2$, $L_{2,3}$ absorpt. edge of Cl^- 2—33293
- $Ca(ClO_3)_2$, n.q.r., temp. depend. of freq. 2—8585
- $CaCl_22(ONH_3)$ i.r. absorption spectra, vibrational analysis 2—15294
- $CaCl_2.2CH_3OH$ solid solution, X-ray determ. of crystal structure 2—6425
- $CaCo_3$, absorpt. spectrum, effect of electrolysis and cryst. conditions 2—33255
- $CaCo_3$, expansion of twin lamella, mechanism 2—9571
- $CaCrO_4$, thermal expansion, rel. to cryst. chemistry 2—22430
- $CaCrO_4$ $K\alpha$ doublet, intensity distribution 2—20056
- $Ca_3Cr_2(SiO_4)_3$, synthesis from $CaCO_3$, Cr_2O_3 and SiO_2 using 03 flux 2—1375
- CaF_2:Al_2O_3, partial molar volume, mixture based on melted cryolite 2—4566
- CaF_2:Eu, zero phonon line, concentration dependence 2—4456
- CaF_2-Al_2O_3, dependence of atomic spectral line intensites of Fe, Cr and Si mixtures on the temp. 2—40849
- $Ca_3F_2(GeO_4)_3$, mag. struct. and space group 2—33169
- $Ca_5F(PO_4)_3$ single crystals, pulsed n.m.r. investigation of ^{19}F chemical shift anisotropy 2—22841
- Ca_2FeAlO_5, brownmillerite, cryst. struct. 2—9462
- $Ca_3Fe_2Ge_3O_{12}$, antiferromag. struct., super-superexchange interaction 2—26059
- $Ca_4Fe_9O_{17}$, $CaFe_3O_5$, $CaFe_5O_7$, lattice dimensions determ. by X-ray methods 2—39634
- $CaGeN_2$; $Ca_{1-x}GeN_2$, cryst. struct., cell parameters, space group 2—15714
- Ca_2GeO_4, stability relations, Bridgmann anvil obs., 500-1170°C 2—19300
- $Ca(H_2AsO_4)_2$, crystal structure, X-ray diffraction analysis 2—6423

Calcium compounds continued

- $CaHPO_4$, monetite, cryst. struct., H position, neutron diffr. 2–12719
- $CaHPO_4$, synthetic monetite, cryst. struct. refinement 2–32448
- $Ca(H_2PO_4)_2.H_2O$, cryst. struct. 2–6424
- Ca_2IrH_5, crystal structure, prep. 2–3703
- $Ca_3Mn_2Ge_3O_{12}$, neutron diffr. study 2–19045
- $CaMoO_4$, direct optical coupling to surface excitations 2–33239
- $Ca(NO_3)_2$-KNO_3 melt, glass transition, u.v. absorpt. spectra 2–18901
- $Ca(NO_3)_2$, conc. aqueous soln., temp. dependence of viscosity and conductivity 2–25055
- $Ca(NO_3)_2$, hydrated and anhydrous, permittivity rel. to dielectric behaviour of water of hydration 2–36578
- $Ca(NO_3)_2.xH_2O.(x=3.2,4)$, melts, u.s. relax. rel. to mol. rearrangements 2–35762
- $Ca_2NaZn_2V_3O_{12}$, $Ca_2NaMg_2V_3O_{12}$, garnets, Raman spectra, stretching modes 2–4464
- $CaO:Mn^{2+}$, e.p.r., exchange striction 2–20146
- CaO-Al_2O_3-CaF_2 system phase equilib. diagram 2–15982
- CaO-Al_2O_3-Fe-Fe_2O_3, phase relations 2–1136
- CaO-IrO_2-Ir system, phase relatives in air 2–25620
- CaO-MgO-Al_2O_3-SiO_2 system, phase equilibria at akermanite-anorthite-forsterite join 2–39416
- CaO-MgO-B_2O_3-SiO_2, refractory system, solid-liq. relationships at 1550°C, compatibility relationship diagrams 2–32305
- CaO-MnO-SiO_2 glass, elec. props., comp. and temp. depend. 2–36579
- CaO-Nb_2O_5-TiO_2-SiO_2, liquidus detn. in the 15% SiO_2 plane 2–9204
- CaO-SiO_2-H_2O system, influence of surface-active materials on hydrosilicate comp. 2–36298
- CaO-ZnO-B_2O_3 system, phase equilib., X-ray diffr. 2–22376
- CaO, density of states, for two phonon absorpt. and second order Raman scatt. 2–36329
- CaO, dispersion relations curves, explained on basis of three body force model 2–36330
- CaO, e.p.r. of Ni^{2+}, linewidth ang. variation, internal stresses 2–7116
- CaO, elastic consts. and their press. derivatives, u.s. determ. 2–36093
- CaO, electronic struct. 2–13093
- CaO, electronic struct. 2–13092
- CaO, F_t-centre, singlet-triplet splitting 2–16410
- CaO, F^+ centre emission spectrum, one-phonon sidebands 2–29911
- CaO, investigation of ground state, matrix spectra of Ca and CaO 2–35241
- CaO, lattice dynamics 2–19359
- CaO, optical and e.p.r. obs. of $[Na]^0$ and $[Li]^0$ centres 2–33257
- CaO, phonon dispersion curves 2–19350
- CaO, phonon dispersion relations 2–19396
- CaO, press forging, deformation, recrystallization, strength, fracture 2–36249
- CaO, prod. by action of N_2O or NO_2 on metal crossed beam chemiluminescence studies 2–10457
- CaO, reaction with MgO-Al_2O_3 spinel 2–37030
- CaO, second order Raman spectra 2–10407
- CaO, thermionic emission, Ba monolayer effects 2–29784
- CaO, transport number exam.. rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2–4274
- CaO, vibronic props. of F^+ absorpt. band 2–7068
- $Ca(OH)_2$, lattice vibrations, neutron scatt. obs. 2–4033
- $Ca(OH)_2$ and $Ca(OD)_2$, Raman spectra, band assignments 2–26190
- $Ca(OH)_2$ microcryst., lattice dynamics 2–16005
- $CaO(S):Eu^{2+}$ dil. solid solns., e.p.r. linewidths 2–7118
- $3CaO.Al_2O_3.CaSo_4.xH_2O$, effects of temp. and humidity on stability 2–16677
- $CaO.Nb_2O_5$-$CaO.SiO_2$-TiO_2, plane in quaternary CaO-Nb_2O_5-TiO_2-SiO_2 system, liquidus temp. determ. 2–3431
- $Ca_2P_6O_{17}$, ultraphosphate, definition and crystal chemistry 2–6395
- Ca_4PO_{11}, ultraphosphate, definition and crystal chemistry 2–6395
- $Ca_5(PO_4)_3Cl:CrO^{3-}{}_4$, e.p.r. spectra, spin-Hamiltonian parameters, liquid helium temps. 2–4550
- $Ca_{10}(PO_4)_6Cl_2$, sterically imposed nonstoichiometry 2–3769
- $Ca_{10}(PO_4)_6F_2$-$Ca_4Y_6(SiO_4)_6F_2$ solid solution, synthesis and props. 2–36275
- $Ca_{10}(PO_4)_6F_2$, fluorapatite, surface energy 2–6328
- $Ca_5(PO_4)_3F_xCl_{1-x}:Mn^{2+}$, fluorescence, effect of rapid cooling 2–10438
- $Ca_5(PO_4)_3F_xCl_{1-x}:Mn^{2+}$, fluorescence 2–10437
- $Ca_{10}(PO_4)_6(OH)_2$, cryst. growth from the melt 2–15690
- $Ca_{10}(PO_4)_6(OH)_2$, formation by OH^- diffusion in $Ca_{10}(PO_4)_6Br_2$, anisotropy study using birefringent technique 2–7163
- $Ca_{10}(PO_4)_6(OH)_2$, hydrothermally prepared, vibr. spectra 2–16527
- $CaPbO_3$, synthesis and cryst. struct. 2–22152
- Ca_2RhH_5, crystal structure, prep. 2–3703
- Ca_2RuH_6, crystal structure, prep. 2–3703
- CaS:Cu, CaS:Cu, Zr phoshors, luminescence, effect of activator conc. variation 2–36934
- $CaS:Mn^{2+}$, cubic field splitting, e.s.r. obs. 2–20132
- CaS:Pd phosphor, electrolum., brightness rel. to voltage and freq. 2–36961
- CaS:Zr, Mn phosphor, luminesc. emission spectra, luminesc. mech. 2–36925
- CaS:Zr phosphors, thermoluminescence and decay studies by changing percentages of single fluxes 2–4509
- CaS:Zr(Na_2SO_4, NaF) phosphors, thermoluminescence, analysis of trap distribution and role of flux 2–22811
- CaS-SrS-Ce, Sm phosphors, energetic structure of capture centres 2–16624
- CaS, charged evaluated by Wolfsberg-Helmholtz- crystal field semi-empirical method 2–29077
- CaS, dynamic ionic charge determ. from i.r. spectra and static dielec. props. 2–22396
- CaS phosphor, fast cathodoluminesc. with Co addition 2–26248
- $CaSO_4$:Mn thermoluminescent phosphor, det. sensitivity to 0.1-15 keV electrons 2–24097
- $CaSO_4$:Tm, OH, thermoluminesc., OH anion effects 2–29978
- $CaSO_4$-$1/2H_2O$, infrared spectra of supposed α and β forms 2–5923
- $CaSO_4$, hydrated and anhydrous, permittivity rel. to dielectric behaviour of water of hydration 2–36578
- $CaSO_4$, thermoluminesc. dosimetry, fading, trap model 2–29972
- $CaSO_4$ and Ca and Na double salts, relation between optical properties and structure 2–4434
- $CaSO_4.2H_2O$, crystn. from aq. soln. at 30°C, nucleation, growth rates, dilatometric obs. 2–12697

Calcium compounds continued

- $CaSO_4.2H_2O$, polar vacancies, dielec. loss angle, freq. and temp. dependence 2–40323
- $CaSb_2O_6$, i.r. absorpt. spectra, cryst. chem. 2–26161
- CaSi, Si L-emission spectra 2–20086
- Ca_2SiO_4-$Ca_3(PO_4)_2$ system, crystal chemistry 2–12718
- $CaSiO_3$-Nd_2SiO_5 amorphous system, apatite phase, i.r. spectra, comp. depend. 2–18894
- $Ca_2SiS_4:Eu^{2+}$, cathodoluminescence 2–10451
- $CaSo_4.{}^1/{}_2H_2O$, i.r. spectral characterization of γ and β phases 2–10367
- $Ca_2Sr(C_2H_5CO_2)_6$, ferroelectric domain structure, elec. mirror microscope obs. 2–10120
- $CaSrGe_2O_6$ host lattice, luminescence of phosphors 2–4503
- $Ca_xSr_{1-x}O$ solid solns., exposure to Ba vapour influence on elec. props. 2–6915
- $CaTiO_3$, band struct., from diffuse refl. spectra 2–1526
- $CaTiO_3$ formation, solid state reaction kinetics, Carter's equation, particle size distrib. 2–13566
- $CaVO_3$ structure, magnetic and electrical props. 2–3740
- $Ca_3(VO_4)_2$, oxygen transport and charge storage 2–25918
- $CaWO_4:Ce^{3+}$ $(Nd^{3+})(Yb^{3+})$, Raman relax. time, temp. depend., theory 2–40578
- $CaWO_4$:Er, visible absorption spectrum of Er identification of upper electronic levels 2–29910
- $CaWO_4:Nd^{3+}$, optical pumping, birefringence dispersion, population inversion 2–20030
- $CaWO_4:Nd^{3+}$, polarized Zeeman fluorescence spectra, energy and polarization meas. 2–16615
- $CaWO_4:Nd^{3+}$ laser, stimulated emission cross section 2–37985
- $CaWO_4$, e.p.r., radiative paramag. defects 2–13534
- $CaWO_4$, e.p.r. of $3d^2$ ion, elec. field effect 2–13532
- $CaWO_4$, flux growth forms 2–1212
- $CaWO_4$, hypersonic attenuation, phonon-phonon interactions 2–32833
- $CaWO_4$, lattice parameters, thermal expansion, X-ray obs., 28-347°C 2–22151
- $CaWO_4$, neutron irradiated, point defects obs. using e.p.r. 2–6478
- $CaWO_4$, neutron irradiated, e.p.r. obs. of $S=3/2$ defect 2–20133
- $CaWO_4$, spin-lattice relax. of Sm^{3+} and Ho^{3+}, temp. depend. 2–1649
- $CaWO_4$, thermal expansion, rel. to cryst. chemistry 2–22430
- $CaZn_2(PO_4)_2.2H_2O$, scholzite, dehydration and transform. phases 2–19294
- $CaZrO_3$, band struct., from diffuse refl. spectra 2–1526
- CdF_2-CaF_2, crystalline miscibility, X-ray obs. 2–22338
- $Nd^{3+}:CaWO_4$ crystal lasers, with pyrolamp illuminator 2–27514
- $SrWO_4$, elec. field induced g-shifts and hyperfine shifts for rare earth ions 2–36984
- $Y_{3-2x-a}Ca_{2x}Gd_aFe_{5-x-z}V_xIn_zO_{12}$, mag. props. and reson. linewidths, comp. depend., for microwave applics. 2–40519
- $Y_{3-2x}Ca_{2x}V_xFe_{5-x}O_{12}$, magneto-optical effects 2–40611

calcium fluoride

- absorption bands meas. after neutron irradiation at low temps. 2–33254
- anharmonic vibrs., X-ray study 2–25660
- anharmonicity, temp. and press depend. 2–13022
- CaF_2:La photochromic, holographic recording in, and application to holographic interferometry 2–17657
- ceramic, macroscopic densification and homogeneity in hot-pressing 2–32737
- channelling characteristics of protons and He ions, energy range 0.67 to 4.00 MeV in single crystals 2–9905
- chemical shift of ^{19}F at 300K, rel. to CF_3COOH 2–13427
- coloration bands, α- and β-, oscillator strengths 2–29199
- colour centre, absorpt. spectra, 'resolved electron-phonon interaction 2–13472
- colour centre formation on X-ray irrad., effects of Dy^{3+} and Na^+ dopants 2–36063
- critical point analysis of second-order Raman spectra 2–40691
- crystals grown from melt, grown in form of optical components 2–39587
- defect struct. of cryst. with excess anions, Bragg scatt. obs. 2–12758
- diffusion of ^{133}Xe, 750-1000°C, radiation defect trapping 2–22245
- doped, lanthanide ion, far i.r. spectra, low freq. lattice resonant modes 2–9858
- doped single cryst., kinetics of etching of dislocations 2–29181
- fluorescence and absorpt. spectra, F_3 centre, zero-phonon line 2–19122
- Gruneisen parameters, calc. from lattice dynamical shell model 2–19435
- hydrogenated, deuterated, containing Pr, i.r. local mode spectra, vibronic splittings 2–10368
- containing ion pairs of Gd, Ce, Pr with M, D, T, electron-phonon interactions, spectra 2–10499
- ionic distortions of Tm^{2+} trigonal centres 2–40589
- irradiated crystal, low temp., F_3^- centre 2–19124
- lattice dynamics, vibronic spectra and electron-phonon coupling field 2–40026
- molecules, $X^2\Sigma$, $A^2\Pi$ and states, dissociation energies and products 2–3034
- neutron diffraction data analysis in terms of thermal vibs. of atoms 2–4043
- n.m.r. spectra, spin echoes, magic sandwich, line shape analysis of free induction decay 2–13422
- nuclear magnetic ordering, susceptibility and ^{19}F n.m.r. obs. 2–6991
- nuclear polarization of ^{19}F, solid effect method, polarized target production 2–36803
- phonon spectra, comparison of Raman and vibronic spectra calc. 2–16004
- phosphor, exciton and electron-hole processes 2–26214
- photochromic behaviour of rare earth doped crystals 2–10640
- photoelastic consts. 2–29870
- piezobirefringence coeff., energy band deform. pot. 2–26167
- piezobirefringence in vac. u.v. 2–16470
- polarized target, rel. to meas. of spin-dependent part of slow neutron scattering amplitude on ^{19}F 2–35053
- polycrystalline material, thermal expansion measurement from 10 to 300K 2–36356
- proton channelling in $\langle 111 \rangle$ direction, comparison with BaF_2 2–29574
- Raman scatt. linewidth temp. depend. and anharmonicity 2–7078
- reflectivity spectra, far-u.v., electronic struct. 2–13457
- second moments and local mag. field vals. from adiabatic rapid passage n.m.r. 2–10544
- single crystal, energy loss of channelled protons 2–19480
- sintering mechanism, densification, effect of additives 2–32741
- spectral emission capacity in 11-17 μm region 2–40724

Calcium compounds continued
calcium fluoride continued
surface morphology changes on thermal vaporiz. 2—32336
surface roughening, of Al, reflectance obs. in surface plasmon excitation region 2—16464
thermoluminescence, continious trapping model 2—29971
thermoluminescence, dosimeter applic. 2—13514
thermoluminescence, glow curves, sensitivity, emission spectra, 300-823 K 2—29973
thermoluminescent dosimetry, fading, trap model 2—29972
trigonal symmetry complexes with hydride ions paired to rare earth ions 2—19113
u.s. attenuation eval. 2—40061
X-ray irrad., e.s.r., trigonal Gd^{3+} centres 2—13530
zero-phonon line, F$_3$ centre, quadratic Stark effect 2—19123
BaF$_2$-CaF$_2$ eutectic-impregnated W, Mo and Co-Mo alloy, friction and wear obs. 2—12917
CaF$_2$: OH thermoluminesc., OH anion effects 2—29978
CaF$_2$:Ce, x-irradiated, production of photochromic bands from dipole centres 2—3804
CaF$_2$:Ce^{3+}, r.f. irradiation effects on n.m.r. spectra 2—30032
CaF$_2$:Dy phosphor batch characterization program for selected TLD properties 2—18023
CaF$_2$:Dy^{3+}, noncubic components of emission spectra 2—26213
CaF$_2$:Eu^{2+}, ^{151}Eu isomer shift, temp. depend. 2—19982
CaF$_2$:Eu^{2+}, ENDOR meas. of hyperfine and transferred hyperfine interaction 2—40756
CaF$_2$:Eu^{2+}, spin-lattice relaxation, e.p.r. 2—22830
CaF$_2$:Eu^{2+}, temp. depend. of zero field splitting 2—19940
CaF$_2$:Eu^{2+} effect of paramagnetic impurity on n.m.r. of proximate nuclei 2—37015
CaF$_2$:Fe^{3+}, cubic symmetry, e.p.r., spin parameters 2—1727
CaF$_2$:GdF$_3$, solute concentration effect on dipole reorientation kinetics 2—25239
CaF$_2$:H, dynamic nuclear polarization temp. dependence 2—29857
CaF$_2$:Ho^{3+},Nd^{3+}, irrad. effects on resist. 2—10007
CaF$_2$:Mn, thermoluminescence emission spectra, continuous determ. 2—29982
CaF$_2$:Mn and CaF$_2$:Ce:Mn, cathode ray coloration 2—12787
CaF$_2$:Mn and CaF$_2$:Ce:Mn, cathodoluminesc. 2—13518
CaF$_2$:Mn dosimeters, thermoluminesc. kinetics, glow curve analysis, 300-700K 2—29974
CaF$_2$:Sr, Ba, X-irrad., optical absorp., F$_{ae}$ centres 2—33256
CaF$_2$:Tm^{2+}, crystal field, ligand overlap effects 2—19941
CaF$_2$:Tm^{2+}, energy level splitting, covalency effects 2—19942
CaF$_2$:U^{3+}, discrete saturation e.s.r. spectrum, hyperfine interactions 2—30008
CaF$_2$:Yb^{3+}, anisotropic spin-orbit coupling, in cryst. fields 2—29851
CaF$_2$-Al$_2$O$_3$-CaO system, phase equilib. diagram 2—15982
CaF$_2$-CdF$_2$ system, phase equilibrium 2—15983
CaF$_2$, depth and temperature dependence of channelling effect studied by interactions of fast proton with sublattice 2—32863
U^{3+}-doped, ENDOR spectra of U^{3+}-F$^-$ system, superhyperfine interaction constants 2—4565
Calculating apparatus
see also Fourier analysis; X-ray crystallography/calculation apparatus
abacus, book 2—37519
analog-digital convertor with logarithmic output 2—7628
CAT, programmed sweep unit with varying dwell time 2—37521
clouds, charged, electrical screening layer, numerical solution 2—1862
digital function generators and multipliers, variable geometry K-source detector system 2—5093
minicomputer, electro-optic Q-switch simulation 2—4437
molecular spectroscopy, use of computers and other calculating devices 2—31138
in nuclear measurements, appls. 2—439
shift register readout for wire spark chamber 2—2649
slide-rule device, for scaling world-wide ionograms 2—4718
analogue apparatus
see also Nomograms
circuit for display of theoretical n.m.r. spectra 2—14348
electrical analogue computer, construction of simple instrument to illustrate basic series and parallel laws in d.c. circuits 2—11238
n.m.r., line shapes in pulsed irradiation, solution of equations 2—34271
digital computer programmes
absorptive one pion exchange model calculations 2—21263
acoustic receivers, optimum directional arrays 2—14268
algorithm for symmetry adaptation, general method for molecular point groups in Fortran 2—22123
amorphous solids, sputtered, topography, computer simulation 2—39449
atmospheric effects on propagation of i.r. 2—16843
atomic absorption data processing 2—21497
atomic energy level values 2—31639
atomic internal conversion coefficients for all shells, FORTRAN IV program 2—21487
atoms, electrostatic energy matrices, calc. from generalized Rajnak Wybourne identity 2—2923
beam dynamics in proton linear accelerator with space charge 2—5613
BOSOR3 and STAGS, for nonlinear shell analysis, based on finite difference energy method 2—2209
bubble chamber measurements, output simulation, ASA FORTRAN IV program 2—34831
bubble chamber photographs, track matching program 2—21335
bulk viscosities of polyatomic gases, computer program for extraction from sound absorption data 2—32182
BWR, axial transients in xenon, calc. 2—38724
for calculating third order thin lens solutions for zoom lenses 2—34450
for calculation of dynamic operating characteristics of a.c. electromagnets 2—30984
for calculation of error in resolution enhancement of blurred photographs made in partially coherent light 2—34565
'canned' computer lab. FORTRAN IV, use in introductory mechanics course 2—11318
chemical structures, algorithm for perception of significant rings in complex cyclic structures 2—38949
chemical structures, perception of significant features in complex molecules 2—38947
chemical structures, synthetic analysis by interactive computer graphics 2—38946
Calculating apparatus continued
digital computer programmes continued
colligative properties, application of minimizing program LETAGROP to data 2—15561
colour matching by matrix manipulation, fast computer program 2—8005
complex molecule structure determ. from i.r. vibrational spectra by mathematical logic 2—28246
Coulomb excitation, electric quadrupole radial matrix elements, FORTRAN IV program 2—21365
Coulomb functions in entire (η,ρ) plane, ASA FORTRAN program 2—34997
crystal growth with surface diffusion, simulation model 2—32400
crystal structure refinement 2—22146
crystallography, choosing starting sets for use in tangent formula struct. soln. method 2—3687
crystallography, least-squares refinement program, CELPAR 2—25300
crystallography, program for Fourier synthesis 2—22147
crystallography, programs for routine solns. of complex structures 2—25320
crystallography, stereographic projections 2—25319
crystallography, structure-factor least-squares refinement applying constraints 2—3688
crystallography, superposition method realization 2—9432
for designing optical systems for beam extraction, difficulties in writing 2—7875
dielectric liquid studies, on-line program 2—32273
DITRAN, for translating physics dialogues into templated conversational subprograms 2—7
elastic structure stress analysis finite element method, FORTRAN program 2—37690
electrogenerated chemiluminescence 2—30075
electrostatic field computation, in FORTRAN 2—7817
ellipsometry, book of tables for SiO$_2$ on Si substrate using Hg and He-Ne laser spectral lines 2—6355
energy-loss straggling of heavy charged particles, FORTRAN IV program 2—22442
e.p.r. spectra, line-width analysis 2—34266
fast-Fourier transform algorithm Cooley-Tukey programme for use with Fourier transform spectrometer 2—14475
FIGATOM, graphic program for stereoscopic cryst. struct. illustrations 2—25318
fluid flow, inviscid stratified shear, numerical studies of stability 2—12334
focusing properties of deflecting magnets 2—14381
FORTRAN, mass spectrometers design with complete second-order focusing 2—24303
FORTRAN IV, x-ray scatt. by liquid, amorphous and microcrystallized substances 2—19041
FORTRAN program for group theory of lattice dynamics 2—19329
Fortran program SEGPIPE to det. thermo-elastic deformations in segment of hollow cylinder 2—17352
Fortran programme, BAGPIPE for thermo-elastic deformation in hollow cylinder of finite length 2—2223
FORTRAN ray tracing program for use in Raman spectrometer design 2—34554
FREADM-1, for fast reactor multichannel accident analysis 2—31623
GAMANAL for gamma spectrometric analysis 2—21407
gamma camera image inequalities correction 2—20727
gamma ray angular correlations calc. for pure or mixed multipolarity transitions correcting states of high angular momenta 2—31431
gamma- radiation dosimetry for arbitrary source and target geometry, FORTRAN IV program 2—21476
gas chromatography- mass spectrometry, inline analysis of multiple ion intensities 2—22891
Gaussian type orbitals, field and field gradient integrals, FORTRAN IV programs 2—35206
harmonic oscillator functions, computer program for generalised transformation brackets 2—30793
heat cond. analysis and thermal stresses 2—37818
imperfection sensitivity of ring-stiffened shells of revolution, FORTRAN 2—27150
isolines, automatic construction, using computer and plotter 2—30183
iterative, calc. of mode structure of diffractive laser resonators 2—34379
Jupiter occultation control programme 2—4967
Kikuchi projections generation and identification 2—32425
lattice vibrations, group-theoretical analysis, FORTRAN IV program 2—36311
least-squares curve fitting, FORTRAN IV program 2—17159
lens objective, thermal gradient effects on optical performance, simulation 2—299
LILY for automatic analysis of charged particle and gamma ray spectra 2—14736
liquids, analysis of intermolecular forces 2—35725
loudspeaker magnet assembly calculation 2—2341
magneto-optical rotation and circular dichroism, programme for dispersion curves distrib. 2—28253
Maxwell equations for loaded rectangular waveguides, vector variational solution 2—30953
Mie scattering of electromagnetic waves by sphere 2—11397
molecular dynamics, eqns. of motion soln. for dilute and moderately dense gases 2—15533
molecular symmetry adapted linear combinations of atomic orbitals, computer generation 2—31756
molecules, electronic correlation effects, computer prog. for generalized Bethe Goldstone calcs. 2—35211
Monte Carlo for pion beam dosimetry 2—2889
Mossbauer and X-ray spectra evaluation, ALGOL 60 programs 2—30105
MULTI, least-square search routine for studying uniqueness of R-matrix parameters when fitting cross section data 2—484
multistage booster rocket powered flight performance 2—13812
neutron diffusion coeff. det. in XY geometry, TRUD anisotropic diffusion code for computation 2—38675
neutron resonance analysis code by least squares method 2—38607
neutron spectral codes, positive difference schemes 2—522
for noise control studies 2—20944
non-dimensional surge tank analysing 2—18772
nuclear electric quadrupole Coulomb excitation, differential cross sections, FORTRAN IV program 2—34998
nuclear fission data analysis, using two part computer programme ISIS 2—5718

Calculating apparatus continued
digital computer programmes continued
nuclear pressure vessel. prestressed concrete, stress analysis by the finite element method 2—15068
nuclear radiation detector, Ge(Li), time characteristics calc. 2—14763
nuclear reactions, kinematical parameters, FORTRAN program 2—21416
nuclear reactor, fast, fuel element behaviour prediction 2—21470
nuclear reactor concrete pressure vessel, stress analysis 2—15077
nuclear reactor design and stress analysis using BERSAFE finite element system 2—15083
nuclear reactor fuel cladding, under combined effect of creep and plasticity, strength analysis 2—21465
nuclear reactor structural systems, static and dynamic analysis 2—15139
for nuclear system, reactivity and power distribution meas., computer applic. 2—534
nuclear transformations, from isotopic dilution measurements of irradiated fuel using data processing code ISODIL 2—8409
nucleus, generalised Talmi coefficients 2—31404
nucleus, Hartree-Fock calculations with Gaussian potentials 2—31403
one-electron atoms, spectra line broadening calc. 2—15242
optical systems with absorbing films, transmittance 2—301
orthotropic plates, laminated, and shallow shells, finite element program 2—2212
particle trajectories in high intensity beams calc. 2—7833
pipe nozzles junctions with curved transitions three dimensional finite- element analysis 2—15058
plasma particle losses avoidance in Tokamak due to imperfect symmetry 2—32020
power spectral density functions calc. using fast Fourier transforms 2—23314
practical and quantitative techniques in programming 2—20882
printer- plotter routine, new version 2—23313
protection of gamma-ray sources, computer program for shielding calculations. PELSHIE 2—38770
proton synchrotron, beam-bunch length matching at transition crossing 2—18049
quantum mechanics, introductory teaching course using a computer 2—11271
radiation belts, computer program for direct computation of magnetic shell parameter 2—33511
radiation belts, numerical fits for geomagnetic shell parameter 2—33512
Raman band rotational structure simulation, applic. to Cl_2 spectra 2—21594
Raman spectra, simulation of intensity contour allowing for spin splitting, applic. to O_2 spectra 2—21638
rosette readings. principal stresses, strains and directions, FORTRAN program calc. 2—27147
rotational wavefunctions, $I\leqslant 13$ and $I\leqslant 25/2$ calc., programme development 2—38461
SATURN I, modelling of mechanical and thermal behavior of fuel rods 2—15122
Schrodinger equation, numerical solution, undergraduate teaching 2—33844
SEMINOLE, program for calc. 2-group nuclear coeffs. of in-reactor reflector 2—2849
shell structures, elastic collapse analysis using finite difference based computer programs 2—27155
shells, nonuniformly heated cylindrical and conical, stress and buckling analysis 2—27135
spheroidal wave functions, calculation with FORTRAN 2—14070
spray evaporation, computer model 2—12615
stiffness matrix, plate element, appl. of Hermite polynomials 2—17343
stress analysis for complex structures in presence of creep, application to nuclear reactors 2—17306
stress analysis of B 16.9 forged tees by finite element method 2—14173
stress analysis of oval ring-reinforced cylinders 2—2194
structural analysis using NASTRAN program 2—2210
SU(3) fractional parentage in 1p-shell, FORTRAN program 2—21348
for teaching kinematics of machines, FORTRAN subroutine 2—27010
temperature distributions and thermal stresses, computation using finite element technique 2—17354
thermal cond. of liquids. predictive methods 2—18815
thermoelastic code TITUS for tridimensional structures 2—14229
third virial coefficient computation 2—32172
torsional frequency analysis, CDC 6600 computer code. application to nuclear reactors 2—5169
two-nucleon transfer reaction. form factor calc. 2—35067
upper atmosphere density determination using PERLO programme 2—33496
wave numbers, calculation from least squares level values 2—31640
Weyl groups generation. FORTRAN IV program 2—33873
for X-ray analysis, electron microscopy, and electron probe anal., review 2—25282
X-ray crystallography, construction of pole figures from Schulz goniometer data 2—3632
X-ray diffraction peak broadening analysis for h.c.p. metals 2—35974
X-ray spectra plotting, energy dispersive analyzer/scanning electron microscope combination 2—22900
$CO_2(xy0)+CO_2\rightarrow CO_2(001)+CO_2$ computer analysis to determ. reaction rate 2—35235
Ge(Li) detector, Fortran IV program for calculating prompt coincidence curve 2—11671
for Ge(Li) detector solid angle correction factors 2—14760
$K+HBr\rightarrow KBr+H$, trajectory calc. in eV region. computer program 2—33370

digital computers
acoustic coupling coefficients of piezoelectric transducers determined by time domain analyses 2—14270
acquisition and processing of atomic absorption data 2—17743
aeromagnetic data interpretation system 2—26545
computer-coupled Ge(Li) spectroscopy in neutron activation analysis 2—26388
computerized acquisition and processing of isotopic mass spectra 2—24302
convection of weakly ionized plasma in nonuniform magnetic field 2—12427
dedicated, use with high- resolution liquid chromatography 2—26378
display unit for data from IBM 1800 2—11230
Earth-Mars, periodic swing-by orbit calculation 2—20446

Calculating apparatus continued
digital computers continued
electron ring accelerator simulation, betatron amplitude growth upon traversing resonances during the compression cycle 2—11689
e.m. transient scatt. by three dimensional conducting surfaces with wires, space-time integro-differential equations soln. 2—30942
experimental data transmission to computing centre. telephone line as communication link 2—26986
focusing periodic and reversed field, in millimetre wave tubes 2—21032
IBM 1800, display unit connected to digital output 2—11230
interfaced with TV image analysis system for cervical smear obs. 2—7604
interstellar gas thermal condensations in cooling 2—33693
link between PDP-7 and PDP-15 so that peripheral devices connected to each become available to both 2—11229
nuclear fission of ^{237}Np, resonance analysis using single level shape fitting program 2—2824
nuclear reactor simulation on hybrid computer 2—524
on-line system coupled to mass spectrum photoplate reader 2—21484
physics research centres for processing experimental data 2—20767
planetary motion, relativistic, computerized series soln. 2—11008
plasma fluctuation data, FFT spectral analysis techniques for acquisition and processing 2—18638
remanent magnetisation measurements, slow spinner magnetometer with digital computer 2—13805
seismic data processing and analysis 2—30163
semiconductor junctions n^+pp^+ and p^+nn^+, capacitance-voltage characteristics, neutron irradiation, modelling 2—22579
space charge dynamics, calculation by expansion method 2—18035
spacecraft, repairable via command and telemetry links by reprogramming around failed unit 2—23046
spectral analysis, on-line, using fast Fourier transform algorithm 2—5092
spectral instruments, analysis of instrument function 2—27656
spherical wave functions eigenvalues in conical and quasipyramidal waveguides 2—30954
for statistical processing of measurement results 2—26988
structural system response, randomly excited discrete time series synthesis 2—14240
synthetic speech sound discrimination. speech perception model 2—5075

Calculation
see also Graphs; Nomograms
algorithm, optimal, for detection of weak geophysical anomalies with random parameters in noise 2—1773
algorithm for computer perception of rings in complex organic molecules 2—38949
algorithm for computer synthesis of holograms of moving objects 2—27543
algorithm for MRW seismogram transformation into $A_z(\nu,t_m)$ representation 2—33408
algorithms, regularization, det. of thickness of two-layer terrestrial crust 2—30215
algorthm, increasing time steps for integral-type aging creep of concrete 2—14181
attenuation in rain and snow, of infrared radiation 2—16837
blunt body problem, time-dependent numerical analysis 2—24635
clamped shallow spherical shells, buckling and postbuckling behaviour under axisymmetric ring loads, numerical study 2—34005
Cooley-Tukey algorithm, det. of imaging characteristics of diffraction limited optical systems 2—17692
counting distributions with complex exponential character, model for analysis 2—33964
of deformations of rigid/plastic media, principal- and slip-line methods of numerical analysis 2—12842
elasticity problems, monotone dependences, duality principles in nonlinear programming 2—34035
e.m. wave propagation. spherical, in random medium 2—20977
error estimation. functional analysis technique 2—2184
finite difference soln. for 3-dimensional boundary layers with large crossflows 2—24601
finite element method for plate bending analysis 2—27145
finite element procedure appl. to large deflection analysis of plates with initial deflections 2—27126
finite-element analysis of large elastic-plastic transient deformations of simple structures 2—27152
flow, viscous supersonic, about slender bodies 2—39264
fluid flow, numerical method for all flow speeds 2—925
fluid flow, numerical method using contour dynamics 2—926
fuel particles, coated. mechanical behaviour calculation, using mathematical model 2—21472
gas flow. two-dimensional unsteady expanding, finite difference calc. 2—35644
harmonic analysis, functions useful to geomagnetism 2—4749
Heaviside's Operational method. appl. to linear heat flow in semi-infinite-finite solid 2—2277
hypergeometric function, transforms allowing rapid convergence in free-free Gaunt factor calcs. 2—23
implicit fine difference technique for solving boundary layer equations 2—28436
incompressible fluid flow, almost three dimensional, numerical solution 2—927
intramolecular dielectric relaxation in solutions. numerical analysis 2—35774
least-squares curve fitting, FORTRAN IV program 2—17159
magnetic fields, in vicinity of rectangular magnetic body 2—21015
magnetization patterns in thin magnetic recording media 2—1622
matrix multiplication by optical analogue methods 2—23663
meteorology, finite difference estimates of derivatives for an irregular pattern of points 2—5168
Mie scattering, synthetic distributions using a dual-computer technique 2—7987
multidimensional integration methods for integral-transform trial functions, equivalence of space- filling-curve approach 2—14145
neutron diffusion, finite element method, applic. to reactor physics problems 2—38678
nonsteady-state diffusion equations solved using finite difference techniques 2—7727
nuclear reactors, review 2—38691
nuclear shell model, numerical approach 2—21362
numerical, elastic-plastic wave motion in layered solids 2—17319
numerical. incompressible flow with free surface boundary conditions 2—15432

Calculation continued
numerical approximation on nonanalytical form 2—3320
numerical integration of ordinary differential equations in acoustic-gravity wave simulation 2—903
numerical simulation of incompressible flows within simple boundaries 2—28471
numerical stability of gravitational n-body problems 2—20468
overlapping averaging, properties 2—111
plasma heating, h.f. field distribution 2—15445
plate bending analysis, triangular finite element including transverse shear deformation 2—37682
R-function method for solving stationary problems of heat conduction and electrodynamics 2—37814
radar characteristics of rain 2—16832
radiation attenuation, in submillimetre range, computations 2—16836
radiowaves, submillimetre, attenuation in rain 2—16852
reconstruction of substance from shadow 2—2833
reconstruction of three dimensional object from radiographs and electron micrographs using convolution instead of Fourier transforms 2—112
refractive index, atmospheric mean monthly values, computation errors 2—13670
restricted three-body problem, differential equations, numerical integration in series 2—37652
solid continua, assumed stress hybrid finite element model 2—27133
spectrochemical analysis, automatic determination of emission spectra 2—40846
steady state problems, prediction of optimum step size for numerical solution 2—24602
thin elastic shell analysis, applic of Ritz method 2—34032
three dimensional laminar boundary layer flow, effective approximation for numerical computations 2—28447
transport in periodic media, numerical solution to matrix case 2—37662
vortex drag of lifting surface using reverse flow principle 2—3320

Calculus *see Differential equations; Integrals; Mathematics*

Californium
atom, K X-ray energies and intensities, binding energies 2—18302
Cf I, Cf II, emission spectra, electron configuration determination 2—21508
^{252}Cf, use in probe for neutron activation analysis in boreholes 2—34803
^{252}Cf neutron emission, response of mouse jejunal crypt cells to low dose rate irradiation 2—33781
^{252}Cf neutron source, encapsulation efficiency of Zircaloy-2 compared to stainless steel 2—549

Californium compounds
No entries

Calorimeters
baths, temp. control by toluene-Hg thermoregulator and i.r. heat lamp 2—2286
Calvet, microcalorimetry appl. 2—23413
cosmic ray particle range and energy loss meas. at different altitudes in the atmosphere 2—27802
differential, applic. to accurate transition temp. and energy obs. 2—11384
differential scanning cell, design and performance 2—11385
diphenyl-ethyl calorimeters, props. 2—23414
hollow sphere, for energy meas. of pulsed high power lasers 2—23415
for laser pulses, design and applications 2—2418
low temp., 1-35 K, for heat capacity meas. on small samples, using Si chip bolometer as sample holder temp. sensor and heater 2—30726
passive, for pulsed electron beam energy diagnostics 2—37832
pulsed, theory, sensitivity and maximum pulse energy formulas 2—5283
sensor for convective transfer coeff. meas. 2—17458
Tian-Calvert microcalorimeter, linearity tested 2—30901
Tian-Calvet microcalorimeter, determ. transfer functions for various substances and thermogenesis curves 2—30902
vapour flow, flash boilers, design, development 2—2288

Calorimetry
see also Heat of adsorption, etc; Specific heat
Calvet microcalorimetry appl. 2—23413
differential, applic. to accurate transition temp. and energy obs. 2—11384
DTA, principle of temp. regulation 2—11386
emittance meas. technique 2—17457
Graphon, adsorption of n-alkane mixtures, heat of immersion 2—35909
high temperature meas., of gases 2—27341
ice calorimetry method, alkali sulphates, 273-1533K 2—4063
levitation, of liquid metals 2—21979
magnetic transition temperature, determ. using differential scanning calorimeter 2—13414
metal, method, thermometer calibration, data analysis 2—16032
NBS standard α-Al$_2$O$_3$ reference material, thermodynamic functions 2—29555
probes, supersonic gaseous flow, thermal meas. 2—28721
radiant flux density distribution meas. in focal spot of solar concentrator by diaphragming method 2—23412
temperature standards, evaluation of organic substances 2—34224
thermal decomposition, simultaneous calorimeter and const. decomp. rate thermal anal. study 2—37024
thermogenesis curves for various substances determ. with Tian Calvert microcalorimeter 2—30902
tissue-equivalent radiation calorimeters, heat defect 2—41312
X and gamma beam characteristic measurements 2—11680
Ar long induction discharge, energy deposited meas. 2—28661
Mg-Cu-Al alloy, enthalpy of form. meas. 2—29475
Mg-Cu-Sn alloy, enthalpy of form. meas. 2—29475
Mg-Cu-Zn alloy, enthalpy of form. meas. 2—29475
Mo, liq. and solid, enthalpy meas. 2—35819

Cameras
Airborne Astrographic Camera System at Air Force Eastern Test Range 2—37230
Anger, window optimization for ^{99m}Tc detection 2—2028
audio-visual cine-films, super-8 film plus optical sound 2—8049
back reflection Kossel camera, modification to electron proton analyser 2—38178
colour, movie, with Super 8 colour film, filming under available light conditions 2—2473
curtain shutter of Zorkiy and Zenit cameras, determination of effective exposure 2—27680
durability of optical components under tropical conditions 2—38093
electron, adaptation for obs. of thermostimulated emission 2—6919
electron, reciprocity of response to coherent light 2—10161

Cameras continued
electron diffraction, improvements including hard shutter and closed light film holder 2—39606
electron diffraction observation, glass device 2—25304
electronic, for metallic discontinuities in u.v. spectrum of A stars, rocket exprt. 2—10888
exposure meters with indicating light diodes for amateur cameras 2—38166
facsimile for planetary landers, aliasing image degradation 2—34458
fault diagnosis using modulation transfer function 2—14498
framing, nanosecond high resolution, using proximity focused image intensifiers 2—2477
fundus for hologram production of eye 2—23625
gamma, dynamic flow obs. on single film by colour coding of time 2—26961
gamma, image inequalities, computer program for correction 2—20727
gamma, pancreas and liver scanning using double isotope technique 2—2023
gamma, use as whole body counters 2—41300
gamma ray, use of magnifying multihole collimator 2—20719
hologram, portable, design, construction and testing 2—21119
hologram portable, high resolution, using pulsed ruby laser light source 2—23713
holographic, ultra-fast, for plasma diagnostics 2—7953
image tube streak camera, electronically operated for picosecond chronography 2—31153
laminographic excitation camera for thyroid imaging 2—30670
lenses, chrominance response meas. 2—38175
object motion simulator with photographic recording of image velocity and velocity compensation 2—5462
objective prism Schmidt camera, prismatic correction plate 2—20715
photogrammetric, VHF 10/1318, for surveying 2—27688
photographic emulsion and processing, review 2—38173
pinhole, advantages 2—8051
pinhole, for channelling phenomena obs. 2—34566
pinhole, teaching of physical optics 2—33854
plastic lens, development, review 2—17755
Schmidt, aberration of spectrographs, correction effected in collimator 2—297
SEC vidicon, for outer solar corona obs. from satellite 2—11188
slit lamp apparatus for eye examination 2—8053
spectrograph production using grating, spectral anal. in introductory physics lab. 2—16698
stereometric, SMK 5.5/0808, for terrestrial photogrammetry with short object distance 2—27681
streak, in millisecond range, method for expanding sweep-time range 2—27679
streak for burning velocity meas. 2—5461
supplementary lenses and reversal, effect on field depth 2—8052
TV, high definition, resolving power, calc. 2—23736
TV, image intensifiers, design 2—37908
X- and γ-ray multiple pinhole, image synthesis by extended source Fourier transform holography 2—33774
X-ray, high-pressure, powder patterns, comparison up to 200 Kbar 2—19028
X-ray, Lang topography, electromechanical feedback control 2—3605
X-ray, single crystal 2—9396
X-ray, vapour thermostatted 2—3619
X-ray h.p., two-film cassette 2—25301
X-ray topographic, for one crystal rotation 2—3606
Zeiss Ikon S310, review 2—334
Si diode array camera tube with fibre optic faceplate 2—31155

Candoluminescence *see Luminescence*

Capillarity
see also Bubbles; Drops; Films/liquid; Foams; Surface tension
capillary condensation, cylindrical pore model with zero contact angle 2—35900
contact angle meas., apparatus sensile drop method 2—18805
contact angles, dynamic, vel. relationship, surface roughening effect, θ_d-V relationship 2—32205
contact angles, on heterogeneous solid surfaces, thermodynamics 2—32204
electrolytes in capillary porous systems, kinetic under MHD pressure, kinetic effects and rate of flow 2—31929
electrolytes in capillary porous systems, under MHD pressure, kinetic effects rate of flow electro and mass transport 2—35446
flow of gases through stainless steel capillaries 2—18731
metal/electrolyte interphase, electrocapillary studies on Hg plated Au electrode in DMF/H$_2$O soln. 2—32247
polyethylene melts, high density, molec. weight distribution effect on capillary flow 2—21944
porous body melting, initial stage 2—3434
supersaturated liquids, effects on bubble growth rates 2—32206
surface capillary gravity waves in water, phase velocity 2—12530
water, displacement of gas, without use of pistons 2—39231
water of anomalous structure formed by condensation in quartz capillaries 2—1148
wetting film, stability rel. to surface area 2—32217

Capture cross-sections *see Nuclear reactions and scattering and subheadings*

Caratheodory's principle *see Thermodynamics*

Carbon
see also Diamonds; Graphite
absorption of stopped π-mesons, obs. of emitted charge secondaries 2—35058
activated, sorption hysteresis of water vapour, mathematical model 2—25229
activated, with physically sorbed gases, leaking curves 2—18958
active, pore structure, effect of heat treatment, adsorption study 2—32751
adsorbed on (111) face of Ir, characteristics obs. using thermoelectron emission and surface ionization 2—22363
adsorbed on Ir(III), dependence of thermoelectric current and In$^+$ current on degree of C coverage 2—9297
adsorption, experimental relation between Dubinin-Polanyi and Langmuir eqns. 2—39555
adsorption on (111) face of Ir, effect on surface ionization of CsCl molecules 2—21865
adsorptionn of Ag$^+$ from solution, by activated C 2—39556
amorphous, adsorption of paramagnetic O$_2$ and NO gases, e.s.r. obs. 2—6378

Carbon continued
amorphous, dissolved in Ni foil. precip. as graphite film 2—32694
amorphous, hopping cond., trap density distrib. elec. props. 2—4207
amorphous, opt. constants, 1-4 eV, band struct. 2—26160
amorphous, switching phenomena 2—32969
amorphous state, produced by ion bombardment. Raman spectra obs. 2—26186
atom, 1s binding energy shifts. CNDO pot. model using intermed. level MO wavefunctions 2—35133
atom, ^{3}P ground state, dipole polarisability, dipole dipole interaction 2—18341
atom, (e,2e) reaction, wave functions struct. 2—38828
atom, collisional charge exchange formation of excited C- 2—5835
atom, effects of spatial symmetry restrictions on hyperfine splitting constants 2—8442
atom, electron scatt., 100 to 400 keV, ionization. differential energy and angular cross sections calc. 2—18334
atom, Hartree-Fock-Slater theory, Herman-Skillman modification 2–5775
atom, lifetimes and oscillator strengths in spectra. beam-foil technique 2—18484
atom, Stark effect constant meas. 2—2653
atomic collision with Ar ions, radiative transitions between quasimolecular levels 2—28215
atomic collisions with Ar, 80 and 90 keV, differences in inner shell vacancy production for gas versus solid targets 2—12003
atoms, ground state, $^{3}P_{1}$ and $^{3}P_{2}$ levels. Zeeman effect, Lande factors calc. 2—8450
atoms, incoherent-scattering function. comparison of calc. using HF wave function and configuration-interaction wave functions 2—38839
atoms, neutral and ionized, electronic structure and term energies 2—585
Auger spectra on Ni 2—3500
black, graphitization process. heat treatment, 1673-2073K, at 5 kbar 2—36200
black, microstruct., interplanar spacing. electron microscope obs. 2—19043
black, wetting, interaction between active H and water 2—3495
body, total content det. by fast neutron activation analysis 2—20718
cementation, of Fe surface, diffusion layer production 2—9274
charcoal, methyl iodide trapping for removal of active iodine from reactor waste at high temp. and press. 2—5763
chemisorbed on Pt, LEED obs. 2—35918
coating for scanning electron microscope nonconducting samples 2—19033
coke structure. study by X-ray diffraction and microscopy, and formation 2—1385
colloidal graphite, bimagnetic rotation, measurement of magnetic field 2—7996
composite. C/C, prep., filamentary graphite deposition 2—3974
composite, C/C, thermal diffusivity and cond., temp. and orientation depend. 2—19450
Compton profiles. core contribs. 2—4114
cosmic ray nuclei, interstellar propagation, differential kinetic energy/nucleon spectra 2—4764
Cytherean upper atmosphere, atomic carbon by photodissociation of CO and CO_2 2—11004
diffusion, in stainless steel plating on construction steel, comparison of fabrication methods 2—9619
diffusion, in steel rel. to heat treatment 2—9741
diffusion, in UCV-NA-steel system, effects of V addition 2—9628
diffusion in bimetal structures 2—1270
diffusion in Fe-Ni alloy, effect of annealing struct. defects 2—32561
diffusion in Fe-Ni alloys, activation volumes 2—19144
diffusion in Ni foil 2—12812
diffusion in Si, Ge traps 2—15780
diffusion in steel, effect of annealing struct. defects 2—32561
diffusion in V, 60-1825°C 2—22252
diffusion in ZrN, temp. depend. 2—39750
elastic stiffness moduli 2—25477
electron transmission, energy distrib. of transmitted particles 2—36373
electron-microprobe analysis, low C content determ. in Fe alloys 2—37069
electrotransport in Nb and Ta, above 1900°c 2—22251
ESCA chemical shifts by MINDO/1 valence electron SCF MO method 2—35209
excitation, spherical expansion model, stars spectra 2—4848
α-Fe:C, magnetic after-effect 2—2336
in α-Fe solid soln., Snoek peak relaxation strength, dipolar strength, orientation depend. 2—6527
fibre, 'Grafil A', tensile strength, Young's modulus, rel. to dia. 2—36137
fibre, K intercalation, multiple small angle X-ray scatt. 2—3700
fibre, Kr adsorption, surface props. study 2—3494
fibre, neutron irradiation, strength, Young's modulus, struct. 2—19193
fibre, polyacrylonitrile based, strength and non-Hookean behaviour 2—3852
fibre, polyacrylonitrile based, structure and other properties obs., using e.p.r. 2—6289
fibre, polyacrylonitrile-based, electronic props. 2—13266
fibre, wetted fibre area change, electrochem. evaluation 2—12644
fibre coated with pyrolytic graphite, sp. strength, anti-oxidability, elec. resistivity 2—25610
fibre composite, C/PMMA, laser heating and stress generation 2—36103
fibre composites, flexure and shear strength, oxidation effects 2—36266
fibre reinforced composite, Al/C, production and tensile strength 2—29282
fibre reinforced plastics, NDT using u.s. reson. method 2—32658
fibres, fine structure, electron microscope obs. 2—9461
fibres, obtained by thermal decomp. of vaporized hydrocarbon, struct. and props. 2—36265
fibres, structure, high resolution elec. microscopy 2—9459
fibres, tensile strength, effect of fast neutron irrad. 2—9683
fibres, thermoplastic reinforcement, tribological characteristics 2—1336
film, amorphous, elec. conduction mechanisms 2—13221
film, amorphous, tunnelling between localized states 2—13222
film, condensed, secondary emission, effect of primary-electron incidence angle 2—29790
film, methane pyrolysis over transition metal, manner of carbon and graphite formation 2—39499
film, X-ray photoelectron spectroscopy, attenuation of low energy electrons 2—18913
film on Au, effective sampling depths in X-ray photoelectron spectroscopy 2—36632

Carbon continued
films, self supporting, prep. with large area 2—18933
fluorescence yield, K-shell determ. using synchrotron radiation 2—35132
foil, electronic and nuclear stopping cross-section, light mass ions, 4.5 to 46 keV 2—9912
foils, lifetime under bombardment by 4 MeV Ni^{+} ions 2—34361
foils as heavy ion strippers, increase of lifetime at high temp. 2—14858
giant stars, theoretical models for cool atmospheres with carbon enrichment 2—20525
glasslike, isothermal dissolution, graphite precipitation 2—3985
glassy, as standard for normalization of small-angle X-ray scatt. intensities 2—25295
glassy, irradiation induced length changes 2—39439
graphite, emissivity meas., 1200-2400K 2—4083
graphitization kinetics, activation energy determ. 2—29388
heavy ion K X-ray production cross sections from thick target yields 2—24384
hydrogenic atom, determ. of Lamb shift via $2S_{1/2}$ metastable quenching 2—18301
impurities in Mo, purification by heating in H_2 atmos. 2—22861
interstitial impurity in V, effect of annealing, 375-575K 2—25443
ion implantation. in Si, SiC formation, i.r. absorp. obs. 2—26173
Lyman alpha satellite lines, overlap with Ar ion spectra 2—15210
Mars, Viking Mission, proposed C-assimilation expts. 2—30569
martian atmosphere evolution 2—41194
Martian upper atmosphere, atomic carbon by photodissociation of CO and CO_2 2—11004
membrane, Kr adsorption, surface props. study 2—3494
meteorite content, chemical analysis 2—11020
migration on Zr and Mo alloy surfaces 2—9252
molecular core-level binding-energy shifts calcs. from Mo theories 2—35195
multiply charged ion source, variable energy cyclotron 2—34859
neutron total effective cross section for 130 eV neutrons 2—19478
non-metallic inclusions and films in Fe cathode, influence on vacuum breakdown 2—21888
oxidation-resistant, for use in composites 2—39965
polymorph form. under h.p. 2—33821
pyrocarbons, e.p.r., low temp. spectral behaviour 2—10497
pyrolytic, boron doped, graphitization, mag. study 2—3984
pyrolytic, electrochemical oxidation, surface functional groups 2—4588
pyrolytic, e.p.r., g anisotropy 2—22829
pyrolytic, neutron irrad., annealing, phys. props. 2—3757
pyrolytic, neutron irrad., dimens. and phys. prop. changes 2—21471
pyrolytic, stress-graphitized, internal friction and elastic modulus, nuclear irrad. effects 2—32587
reactions with refractory oxides, temps. to 2400°C, X-ray obs. 2—3636
recombination lines in galactic H II regions, temperatures for Orion A and NGC 2024 2—20509
reduction of Tho_2 2—30066
replica prep. method for electron microscopy 2—29123
resistors, as low temperature thermometers 2—27337
Saran charcoal, adsorption of H_2O, methanol, or benzene vapour, vol. change 2—3559
self-diffusion in transition metal monocarbides 2—9622
semiconductor-metal transition, high press., review 2—15955
Snoek relaxation in α-Fe, Arrhenius law parameters 2—3849
solar corona abundance, det. from e.u.v. spectra 2—20692
solar energetic-particle events, composition, enrichment of very heavy nuclei 2—11082
solubility and activity in various irons 2—25585
solubility in liquid Fe, Co and Ni, scaled particle theory 2—21965
stars, faint, at high galactic latitudes, coordinates and distances det. 2—41095
stars, TU Tau, SZ Sgr, with composite spectra 2—20545
stars, type J subclass, rel. between strong ^{13}C and Li features 2—4858
stars in late stages of evolution and models of burnt-out cores 2—10868
stars spectra, CN red system, synthesis assuming Milne- Eddington model atmosphere 2—4849
in steel, austenitic, interaction with Cr, Mo and W 2—32787
in steel, effect on onset temp. of $\chi'\rightarrow\alpha_m$ transform. 2—1392
in steel, effect on struct. and mech. props. 2—36237
steel, martensitic transform rel. to C conc. 2—15961
steel, quenched, aged, alloy addition, effect on mech. props., weldability 2—19239
supernovae, critical core mass for C detonation 2—33673
surface impurity levels in Au, ang. distrib. of x-ray induced photoelectrons 2—19806
thermal diffusion in UC_2-C system, model 2—29226
thin foils, light ion bombardment, Auger spectroscopy 2—24317
turbostratic, disordered regions, X-ray scatt. obs. 2—3976
vitreous, electron microscope study 2—6290
vitreous, photoemission props., rel. to use as satellite surface material 2—33566
BN:C, F-centre, e.s.r. spectra 2—20131
C/C composite, testing, evaluation of thermographic method 2—25554
C/Si abundance ratio in quasar PKS 0237-23 det. from absorption spectrum 2—4909
C-C composite, application of high speed thermal and i.r. testing methods 2—25609
C fibres, ultrafine struct. phase contrast microscopy 2—9460
C I emission line in solar spectrum 1993.6 Å 2—14011
C I isoelectronic sequence, Sc-V, spectra in the range 16 to 22 Angstroms 2—15220
C II, C III, C IV photospheric lines of Delta Scorpii and Zeta Ophiuchi 2—7429
C II, C III and C IV, u.v. spectrometry experiment on Mariner 9 for early type stars 2—37300
C II, electron impact ionization, cross section calc. for ground state config. 2—2953
C II, s-p and p-d oscillator strength calc. using frozen core version of Hartree Fock approx. 2—8441
C II interstellar lines of Delta Scorpii and Zeta Ophiuchi 2—7429
C II to C V ions, beam foil spectra in 300Å- 1300Å region, meas. of mean lives of excited levels 2—31658
C III and C IV pressure broadened profiles in the plasma 2—28188
C III lines, equivalent widths, excitation in Wolf Rayet star envelopes 2—23075
C IV, 2s→nf transitions. Coulomb-Born I cross sections 2—35151
C IV emission lines in HD45166 2—7430

Carbon continued
C IV ion, radiative transition probabilities and recombination coefficients 2—21491
C V, C VI, spectral line broadening calc. 2—15242
C^+, collisions with C foil, equilibrium charge distributions 2—5833
C^+, collisions with CO, electron transfer and ion-atom interchange 2—8478
C^+, collisions with N_2 and Ne, at keV energies. KLL Auger electron emission 2—663
C^+, collisions with Ne, K-shell excitations, differential investigation of velocity dependence 2—2967
C_2^-, matrix isolated, laser excited fluorescence study 2—35236
C_2^-, two photon photodetachment of electrons, confirmation of $^2\Sigma_g^+$ ground state 2—24444
C^{2+}, structure, frozen cores approx., electron collision study 2—11951
C^{2+} collisions with He, Ne, Ar, meas. of differential scattering with single electron capture, 0.7-3.0 keV, interp. of curve crossing 2—672
C_2^+ new spectrum associated with diatomic carbon obs. in absorption in flash discharge, probably due to C_2^+ ion 2—24443
C_3, bending frequency 2—38894
C_3, origin in comets 2—41206
C^{3+}, structure, frozen cores approx., electron collision study 2—11951
C_4, C_5 and C_6, pure and mixed-isotope, Σ_u^+ freqs. and stretching force consts. 2—3031
CIII, emission spectra of WR stars 2—41102
CIII and CIV lines in nebula in quasar PHL 5200, indirect evidence for presence of dust 2—33704
$^{12}C/^{13}C$ abundance ratio and neutrino emission process in the Sun 2—11026
$^{12}C/^{13}C$ solar abundance ratio from i.r. sunspot spectra 2—17048
^{12}C, abundance on surface of magnetic neutron stars 2—30477
^{12}C non-ignition in 1.40 M_θ pure He star 2—33642
$^{12}C+^{12}C$ carbon-burning nuclear reaction in stars, reaction rate 2—13892
^{14}C, diffusion in W and W-Re alloy, temp. range 1500-1800°C 2—9629
^{14}C, dissolved in wind driven ocean, distribution obs. tracer model 2—13648
^{14}C, Laschamp geomagnetic field reversal event obs. 2—16922
^{14}C and ^{18}O, isotope exchange between HCO_3 in saline solutions and solid $CaCO_3$ 2—16768
C^++D_2 reactive scattering, energy and angular distribution of ionic product CD^+ in range 3.47 to 8.48 eV 2—12008
$C^++D_2 \rightarrow D+CD^+$, threshold and reaction cross section 2—12007
$C^++D_2 \rightarrow D+CD^+$ energy and ang. distrib. of CD^+ meas. 2—10605
$C^++e^-+e^-$ recombination in CO flows, meas. three-body recombination rate coefficient in electron temp. range 1500-7000K 2—18701
$C(2^1D_2)$ electronic excitation, reactions with moleclar gases, time-resolved atomic absorption 2—24343
$C(2^1D_2)$ electronically excited atoms, collisional deactivation by inert gases, meas. by attenuation of atomic emission 2—15232
$C^+(2p)$-H(2s) collisions, fine structure excitation cross sections at low energies 2—5834
C94α, emission line from HI region towards the K3-50 galactic nebula 2—33691
α-Fe:C, interstitial, defect calculations 2—22193
Fe-C, alloy, polycryst., fracture toughness rel. to C content 2—29285
Fe-Mn-C, steel, martensite, aged, onset temp. of C redistrib. 2—15914
Fe-Ni-C, steel, martensite, aged, onset temp. of C redistrib. 2—15914
Fe-Sn, C influence on equilib. diag., diffusion couple method 2—9835
inFe, precip., effects on grain boundary diffusion of P 2—22249
in Fe—Ni(Cu)(Zn) alloys, activity coeff. 2—9768
inGaAs, i.r. absorpt. bands due to localized vibrs. 2—33263
GaP:C, acceptor concs., ioniz. energy 2—25845
in IRC+10216 HCN spectra and $^{12}C/^{13}C$ abundance ratio 2—4843
Mo:C, C distrib. and diffusional mobility 2—36052
in Mo wire, effect on ductility 2—12884
onRe (0001) surface, LEED obs. 2—29004
Si:C conc. effects on thermal donor formation 2—19117
Si:C ion implanted, substitutional, localized mode obs. 2—25377

Carbon compounds
see also Organic compounds
carbide, precipitated from martensitic high C steel, crystal structure and morphology 2—32725
carbide and nitride nuclear fuels, for fast breeder reactors 2—28148
carbide nuclear fuel irradiation capsule 2—35104
carbides, refractory, packing and valency ordering 2—9329
carbides, refractory, stability, model 2—9330
carbides, struct. chemistry 2—9327
carbides, ternary, nonstoichiometric, thermodynamic model allowing for comp. depend. of parameters 2—25603
carbonyls of group VIb metals, ^{13}C n.m.r. 2—28268
CO_2 laser, modular system, design and operation 2—34385
CO_2 pressure modulated radiometer for atmospheric temp. sounding in 40-80 km region 2—26483
COS, gaseous, ν_1-band using i.r. spectrometer with Ge:Hg detector 2—34548
CS spectral lines obs. in NGC 2264 Bok globule 2—30435
cyanogen halides as lasing gases, patent 2—17617
fibres, general survey 2—1381
integral Joule-Thomson effect, exptal. check of predictive calculation methods 2—3325
molten carbonate fuel cell anodes inhibition of sintering 2—11420
platinum metal-rare earth (actinide)-carbon system, ordered phase form. 2—29493
B-C-Si system, phase equilib. 2—32785
C-B-Si system, solid soln. formation, phase distribs., liquidus area determ. 2—9793
C-C composites, thermal expansion measured as a function of temperature and orientation 2—16048
0.3wt.%C-Ni, neutron irradiated, decomposition, metastable carbide formation 6618 2—6618
C-Si, fuel coating, neutron irrad. induced dimens. change 2—22176
C-SiC alloy, struct., fracture stress, Youngs modulus 2—32447
C-U-Se ternary system, phase equilibrium, solid state compatibility relationship 2—29482
C-U-Te ternary system, phase equilibrium, solid state compatibility relationship 2—29482
C-metal system, graphite-diamond transformation, X-ray obs. of ballas type synthetic diamond 2—32760
C_2, electronic system, opacity probability distribution functions inc. stellar isotopic forms 2—5913

Carbon compounds continued
C_xBr, lamellar cpds., cryst. struct., X-ray obs. 2—22149
CCO molecule, $A^3\Pi_r$-$X^3\Sigma$- band system studied 2—8603
CCl_4, gaseous and solid, X-ray K-absorption spectra 2—3036
CF, LCAO-MO SCF calcs. of ground and excited spectroscopic states, determ. of spin-orbit coupling 2—38897
CF, multiconfiguration HF calcs. of potential curves of ground and some excited states 2—8597
CF_6^{2-}, possible existence, theoretical study 2—38892
CH, collisions with O atoms, formation of CHO^+ by associative ionization, theoret. study 2—872
CH, energy calc. by many-body perturbation theory 2—35239
CH and CH^+ radicals, interstellar, abundance obs., equivalent line widths 2—26749
CH lines in sunspots, velocity measurements in colder upper parts of penumbra 2—37407
CH molecule, Λ doubling in $^2\Pi$ states calc. from HF wavefunctions to test validity of Van Vleck's hypothesis 2—21637
CH^+, potential energy curves, ab initio calc. 2—31786
CH^+ search for, in solar photospheric spectrum 2—11051
CH_4, analogue to ionized inert gas, mol. orbital determ. from vac. u.v. and photoelectron spectra 2—18409
CN, electronic system, opacity probability distribution functions inc. stellar isotopic forms 2—5913
CN, interstellar, search for emission line at 2.64 mm, null result 2—33697
CN, r-centroid, calc. from potential energy curves 2—3024
CN, radical, quenching of $B^2\Sigma^+$ fluorescence 2—8593
CN, red system, radiative opacity, absorption coeff. calc. 2—15290
CN λ3883 spectroheliograms to map weak magnetic fields in photosphere 2—11093
CN radical, X-band mag. reson. 2—5922
CN spectra of osborn's star 1018 in cluster M10 2—13919
CN spectra of star IV-59 in Arp's catalogue in cluster M5 2—13919
CN vibration-rotation interaction effects on Franck-Condon factors for $B^2\Sigma^+$-$X^2\Sigma^+$ transition by asymptotic expansion method 2—28282
CN_2 molecule formed in low temperature matrix reaction of C atoms 2—31782
C_2N_2, rotational and vibrational structure of 2500 Å system 2—12109
C_2N_2, rotational structure in $^1\Sigma_u \leftarrow {}^1\Sigma_g^+$ transition at 2200A, vibrational anal. 2—21592
C_2N_4, symmetry, i.r. and Raman spectra 2—38895
$CN(B^2\Sigma^+)$, formed by interaction of metastable Ar with CNBr, collision induced rotational relaxation 2—35243
CNBr, geometries of various states from vibrational band intensities in photoelectron spectra 2—774
CNBr, photoelectron spectra, geometries of various states of positive ions 2—774
CNBr, vibr.-rot. spectrum, Fermi reson. 2—15288
CNCl, photoelectron spectra, study of geometry of positive ions 2—774
$CNCl^+$, geometries of various states from vibrational band intensities in photoelectron spectra 2—774
CNI, geometries of various states from vibrational band intensities in photoelectron spectra 2—774
CNI, photoelectron spectra, geometries of various states of positive ions 2—774
C_3N_2O, crystalline and non-crystalline forms, Raman spectra of 77 K 2—29931
CO_2:O_2 mixtures, reflection spectra from 4 to 22 eV 2—16466
CO/N_2,CO_2/N_2,CO_2/methane, CO_2/ethylene, integral Joule-Thomson effect, check of predictive calculation methods 2—3325
CO^+-Ar vibrationally inelastic low energy scattering, determ. cross sections 2—12304
CO_2-He-N_2 gasdynamic laser mixture, numerical analysis 2—17587
CO_2-He-ethylene system, immiscibility at 13 to 70°C and up to 5kb 2—12503
CO_2-N_2-He, large vol. high pressure near sonic flowstream, uniform elec. excitation 2—14414
CO_2-N_2-He, Michelson laser interferometer, phase modulated Q-factor, relaxation processes 2—17688
CO_2-N_2-He atmospheric pressure lasers, electrode designs for high output 2—11468
CO_2-N_2-He discharge, in CO_2 laser system, positive ion analysis 2—21070
CO_2-N_2-He laser passive Q-switching by saturable filter containing OsO_4 vapour 2—27494
CO_2-N_2-He mixtures, vibrational population inversions behind normal shock waves 2—24442
CO_2-N_2-He plasma, electrically excited spectrum from 4.2 to 5.5 μm 2—12118
CO_2-N_2-M mixture, vibr. energy transfer consts. 2—31780
CO-N_2, CO-Kr, mixed glass adsorpt. on Pyrex glass at very low press. 2—39564
CO-N_2 liquid mixture, thermodynamic functions calc. 2—28840
CO-N_2 vibrational exchange, shock tube meas. 2—28311
CO_2-N_2 gas dynamic laser, model for prediction of gain, saturation and pulse length 2—11460
CO_2-N_2 gasdynamic laser gain, Na effect 2—23586
CO_2-N_2 laser, use for controlled thermonuclear fusion 2—24267
CO_2-N_2 mixture, kinetic cooling by CO_2 laser radiation absorp. 2—18757
CO_2-N_2 supersonic transverse electrical discharges laser 2—23585
CO_2-N_2^* flowing mixtures, i.r. emission at 2.7 μm 2—21590
CO-O flames, comparison of single- and double-probe meas. of electron temperature 2—37823
CO-gas mixtures, rot. correl. functions 2—18404
CO_2-methane mixtures, heat capacities up to 2250 psi 2—28736
CO, A $^1\Pi$ state, measured lifetimes of first seven vibrational levels 2—3030
CO, $a^3\Pi$-$^1\Sigma$ Cameron system, oscillator strength and lifetimes calc. 2—12119
CO, absorption spectrum in Hopfield helium continuum region. obs. of Rydberg series 2—31785
CO, activation energy of oxidation. from flame chemiluminesc. study 2—26344
CO, adsorbed on Cs halide films, i.r. spectra and shifts 2—5918
CO, adsorbed on Cu, LEED and surface potential study 2—12682
CO, adsorbed on Cu and CuO, i.r. spectrum, reflection-absorption spectroscopy 2—7070
CO, adsorption by Re, LEED structs., 293-1193 k 2—39563
CO, adsorption in zeolite Y, heat of adsorpt. 2—35927
CO, adsorption of Ni, structural influences on adsorption energy 2—25227

Carbon compounds continued
- CO, adsorption on Cu(100), structural influences on adsorption energy 2—25225
- CO, adsorption on Ni at 44K, i.r. spectra obs. 2—22086
- CO, atmospheric abundance deduced from rotational line intensities 2—22958
- CO, atmospheric pollutant, tunable i.r. laser techniques for det. 2—40923
- CO, band strength of 0,0 band of a$^3\Pi$-X$'\Sigma$ transition, radiative lifetime of a$^3\Pi$ state 2—18407
- CO, CO_2, collisions with H and H^+ at 1 to 25 keV, Lyman alpha emission cross sections 2—21544
- CO, catalytic decomp. on Fe inhibition, rel. to nuclear reactor coolant behaviour 2—4577
- CO, charge transfer reactions with Ar^+, obs. using ion injection drift tube 2—24838
- CO, chemisorbed on Pt. LEED obs 2—35918
- CO, collisions with 10 keV electrons, ionization, fragmentation and electron energy loss 2—12170
- CO, collisions with Ar^+ and Kr^+, charge transfer cross sections in thermal and suprathermal range 2—658
- CO, collisions with C^+, electron transfer and ion-atom interchange 2—8478
- CO, collisions with H, $H^\pm$, slow negative ion formation processes 2—874
- CO, collisions with K atom, K ionization cross section 2—31706
- CO, collisions with O atoms, calc. of CO_2 resonance formation probability 2—690
- CO, desorption from W by electron and photon impact, primary excitation process 2—39567
- CO, det. of rotational line strength in R branch and self and CO_2 broadening at 298, 202 and 132 K 2—31788
- CO, dissociative excitation by He(2^3S), rate constants 2—12305
- CO, elec. discharge gas dynamic laser, using CO-N_2-O_2-He mixture 2—17595
- CO, electrical laser, pumping mechanism, vibrational energy exchange 2—269
- CO, electron impact excitation of electronic states, cross section determination from energy loss spectrum 2—15293
- CO, electron impact excited emission cross sections, meas. from 1260 to 5000Å 2—5919
- CO, electron impact resonance obs. at 10.05 eV 2—807
- CO, electron impact spectrum, abs. generalized oscillator strengths for $B^1\Sigma^+ \leftarrow X^1\Sigma^+$ and $C^1\Sigma^+ \leftarrow X^1\Sigma^+$ transitions 2—12115
- CO, electron scatt., resonance obs. at 10.04 eV 2—772
- CO, electron scatt. at near thermal energies, effect of molecular wavefunction 2—18405
- CO, electronic structure of open shell states, SCF theory applic. 2—8591
- CO, energies and properties of excited states, ab initio calcs. 2—8640
- CO, from photodissociation of CO, meas. of fourth positive system 2—778
- CO, generalized separated electron pair model calculations 2—35234
- CO, half-width computation for air- broadened lines 2—12114
- CO, i.r. chemiluminescence, effective energy transfer to admixed COS 2—28428
- CO, i.r. emission. vibr. transitions 2—28275
- CO, i.r. laser, vibrational-rotational transitions, shock broadening 2—11465
- CO, inner shell electrons, ionization by 10 keV electron as function of energy loss 2—39195
- CO, interstellar, photochemistry and lifetimes 2—4898
- CO, ion-pair processes, by electron impact, mass spectrometric study 2—8623
- CO, K-absorpt. structs. of O and C, 20-100 Å 2—18463
- CO, laser mixture, electron kinetic processes 2—17594
- CO, lifetimes of two vibronic levels of $B^1\Sigma^+$ state and transition moment of $B^1\Sigma^+$—$X^1\Sigma^+$ transition 2—35244
- CO, line shape of i.r. emission lines 2—28278
- CO, molec. dynamic study in liquid Ar 2—3141
- CO, narrow band model parameters in the 2.7 μm band 2—35237
- CO, negative ion formation, discrepancy between single collision and electron swarm methods of obs. 2—24832
- CO, new absorption bands and studies of known isotopic bands 2—28277
- CO, nonthermal rotational population of $A^1\Pi$ state, obs. in electron impact dissociative excitation of CO_2 2—5920
- CO, obs. of spectral emission due to excited states prod. in He(2^3S)+CO_2 reaction 2—24445
- CO, oscillator strengths, deduction from vibrational level lifetime meas. 2—5921
- CO, photodesorption from Ni(110) surface 2—29066
- CO, photoelectron spectra, study of autoionization, vibrational structure 2—8674
- CO, physical adsorption on graphite 2—18957
- CO, physically adsorbed on silica, i.r. spectra study 2—9304
- CO, profiles of i.r. absorption bands in liquids, rotational motion 2—775
- CO, pulsed discharge high pressure, energy exchange 2—2389
- CO, pulsed laser emission 2—2395
- CO, RKR potential for $X^1\Sigma^+$ state 2—18411
- CO, r.f. spectroscopy of perturbed excited states 2—8599
- CO, radiative heat transfer, interaction of radiation with conduction 2—5268
- CO, rate of vibr. energy transfer from CO_2, shock tube meas. 730-2325K 2—8858
- CO, reaction with O^- adsorbed on MgO, e.s.r. study of resultant species 2—4578
- CO, resonance excitation by electron impact 2—808
- CO, resonance scatt. of electrons 2—5916
- CO, sealed laser, performance at room temperature 2—2394
- CO, shear viscosity, room temp. mag. field effects 2—21925
- CO, sorption on stainless steel, effect of Au coating 2—39558
- CO, spectral linewidth self-broadening and broadening by Ar and N additions 2—38885
- CO, stimulated emission observation in 1800-2000 Å range following discharge in gas at 60 torr 2—267
- CO, thermal desorption from Si surfaces 2—9312
- CO, vacuum u.v. spectra, cascade arc, absorpt. and photoionization fluoresc. 2—21593
- CO, vibr. excitation rates in O+CS→CO+S reaction 2—15289
- CO, vibrational excitation in the spin-orbit relaxation Hg($6^3P_{1\to 0}$) 2—15292
- CO, vibrational excitation by collisions with He 2—871
- CO, vibrational relaxation, shock tube study using pressure meas. 2—28273

Carbon compounds continued
- CO,absolute oscillator strengths of transitions of vibration-rotation spectra 2—12113
- CO (a$^3\pi$), lifetime and quenching in flowing in He afterglow 2—12117
- CO a$^3\pi$, electric dipole moment calc., using configuration interaction technique 2—8595
- CO adsorbed, on W, vibr. props. 2—32396
- CO adsorbed on Cu surface, i.r. spectra using multiple specular reflection 2—12679
- CO adsorption on α-Cr_2O_3, i.r. study 2—6379
- CO adsorption on Mo (100) face 2—29065
- CO adsorption structure on W obs. 2—6375
- CO afterglow, mechanisms producing $C_2^*(A_3\Pi_g)$ molecules 2—35615
- CO and CO-N_2 discharges, i.r. afterglow emission 2—39211
- CO and CO mixtures, turbulent ionization waves 2—32082
- CO c.w. laser prod. in CS_2-O_2 flame, effect of added gases on power 2—7916
- CO chemical laser, c.w. operation 2—7915
- CO chemical laser by CS_2+NO_2 flash photolysis 2—2393
- CO chemisorbed on α-Fe_2O_3 magnetic susceptibility and i.r. study 2—7178
- CO chemisorbed on Ni, photoemission energy level meas. 2—4325
- CO crystal, polymorphic transformations, chemical potential and transition temperature 2—39989
- CO decomp. on Ni films, active sites 2—33376
- CO flows, meas. of $C^+ + e^- + e^-$ and $CO^+ + e^-$ recombination. 2—18701
- CO fluorescence, excited by 1306 Å oxygen resonance line 2—18416
- CO gas laser, effect of varying O_2 concentrations on power 2—31033
- CO in dense interstellar clouds 2—41140
- CO interstellar lines in the spectrum of the star zeta Ophiuchi 2—20600
- CO interstellar lines in the spectrum of zeta Ophiuchi 2—20600
- CO laser, emission in CS_2+O_3 reaction 2—2392
- CO laser, u.v., electron beam pumping 2—34381
- CO laser, vibr. population, gain and excitation mechanism 2—37957
- CO mixtures with inert gases, determ. dependence of annihilation rates of slow positrons on molecular concentration 2—24467
- CO molecule, absorpt. cross sections and ionization efficiencies, 300-1000 Å region 2—21639
- CO molecule, laser emission, d.c. discharge induced C_2H_2 oxidation 2—31787
- CO oxidation in shock waves with $Cr(CO)_6$ catalyst 2—20177
- CO photoelectron spectra and partial photoionization cross sections 2—12167
- CO photoionization by soft X-rays at 0.28 and 1.49 keV, meas. of relative abundance of thermal energy ions 2—805
- CO plasma afterglow, obs. of emission of C_2 Swan bands 2—24697
- CO rotational dependence of lifetime of a^{3}II metastable state, exptl. and theoretical decay plots compared 2—15295
- CO solid, librational motion in the α phase studied in harmonic approximation 2—9861
- CO solid, linear thermal expansion, 8-48K, orientational disordering effect 2—9894
- CO study of vibrational and rotational levels of metastable a$^3\Pi$ state 2—8598
- CO thermal conductivity meas. under the influence of a magnetic field 2—12510
- CO^-, Feshbach resonance, decay characts. 2—35238
- CO^+, charge rearrangement reactions with Na atoms 2—12012
- CO^+, enhancement of vibrational level population by photoelectron spectrometry 2—35265
- CO^+, luminescence, Franck-Condon factors and collisional deactivation 2—15323
- CO^+ charge exchange with O and NO, thermal energy reaction rate consts. 2—26329
- CO^+ comet-tail band system, calc. of Einstein A coefficients, band oscillator strengths and absolute band strengths 2—18417
- CO_2, 10.4 μm band, N_2 broadened collisional width, variation with rot. quantum no. 2—38899
- CO_2, absorption in 1750 to 1200 Å region, temp. dependence calc. 2—12116
- CO_2, adsorption in zeolite Y, heat of adsorpt. 2—35927
- CO_2, adsorption on active C, pore struct. determ. 2—32751
- CO_2, adsorption on ice, clathrate formation 2—22085
- CO_2, anisotropic potential energy surfaces. determination from inert gas atom collision data 2—6012
- CO_2, atmospheric, dependence of spectral distrib. of i.r. radiation fluxes on concentration 2—26498
- CO_2, atmospheric, Raman spectra. obs. using remote spectrometer 2—34553
- CO_2, atmospheric, relaxation of 2.7μ and 4.3μ bands 2—7300
- CO_2, atmospheric pressure laser, preionization by high energy electrons 2—17590
- CO_2, chemisorption on W or Ru, O_2 and CO_2 contiguous layer prep. 2—30062
- CO_2, collision broadened line widths, effects of Coriolis interaction on line strengths of 3339 cm^{-1} band 2—18410
- CO_2, collision with K atom, long lived collision complex formation, comparison of experiment with statistical model 2—676
- CO_2, collisions with N_2 and inert gases, rate equations for vibrational relaxation, applic. to spectrophone data 2—8857
- CO_2, compressibility, critical point, small angle X-ray scatt. obs. 2—3427
- CO_2, concentration in sea surface waters, effect of upwelling, mixing and high primary productivity 2—16784
- CO_2, condensation coefficient, measured with quartz crystal microbalance 2—3445
- CO_2, critical pt., fluctuations of laser light diffracted on u.s. wave 2—27533
- CO_2, dense jet, charge exchange of I ions 2—35581
- CO_2, dense jet, charge exchange of fast I ions, 10-75 MeV 2—3142
- CO_2, discharge, excitation and relaxation of upper laser level 2—35233
- CO_2, dissociation, by electron impact, translational spectroscopy of metastable and long-lived Rydberg fragments 2—3058
- CO_2, dissociation by 30, 50, 100 eV electron impact temperature dependence of total ionization cross section in 300-2100 K range 2—3037
- CO_2, dissociative charge exchange collision with He^+, differential cross section measurement 2—873
- CO_2, effect of Fermi resonance on temp. dependence of intensity of i.r. absorption bands 2—776
- CO_2, electron impact dissociative excitation, nonthermal rotational population of CO($A^1\Pi$) state 2—5920

Carbon compounds continued
CO_2, electron impact excited emission cross sections, meas. from 1250 to 5000Å 2—5919
CO_2, Er^{3+} laser radiation propagation losses 2—5287
CO_2, Fermi Polyads at 5μm 2—8596
CO_2, flow parameters behind shock waves 2—28693
CO_2, gas, contributions of non spherical interactions to third virial coeff. 2—12507
CO_2, gas laser, diffuse reflection attenuator, design and calibration 2—38002
CO_2, i.r. luminescence spectra, rot. consts. of vibr. levels 2—12112
CO_2, i.r. vibrational relaxation times, using spectrophone 2—18415
CO_2, induced fluoresc. and temp. jump by resonant absorpt. of laser radiation 2—38893
CO_2, isobaric specific heat at subcritical pressures, experimental data 2—1036
CO_2, jets, freely expanding, perpendicular temp. and translational freezing studies by mol. beams 2—28686
CO_2, laser media, at high pressure, pumping by electron beam controlled elec. discharge 2—17593
CO_2, laser performance, dependence on elec. discharge props. 2—14413
CO_2, measurement of population of upper and lower levels in activated system CO_2+air+He 2—28284
CO_2, methane combustion products, viscosity and thermal conductivity 2—6165
CO_2, microwave discharge, formation of CO_2^- 2—24842
CO_2, molecular beam impinging on CU block, condensation coeff. detn. 2—39429
CO_2, monitoring using coulometric method, photosynthesis obs. 2—4607
CO_2, near i.r. absorption spectra, vibr. energy levels and rot. const. determ. 2—12111
CO_2, PVT properties, liquid isochore, vapour pressure meas. 2—9203
CO_2, photodissociation, yield meas. for $CO(a^3\Pi)$ fragments 2—3033
CO_2, photodissociative excitation, meas. of CO fourth positive system 2—778
CO_2, photolysis at 1633 Å, material balance of product CO, O_2 and O_3, reaction mechanism 2—10639
CO_2, photolysis at 1849 and 2139Å 2—10638
CO_2, phys. adsorption on Graphon 2—22084
CO_2, plasma, obs. of electrical and thermal conductivity using stabilized electric arc 2—6071
CO_2, potential energy function, 4th order approx., vibr. energy levels, spectroscopic constants 2—12110
CO_2, pure and N_2 perturbed, linewidths of ν_3-ν_1 transition 2—31781
CO_2, radiation interaction effect on thermal cond. 2—18766
CO_2, radiative heat transfer, interaction of radiation with conduction 2—5268
CO_2, shock-heated, vibrational relaxation of 10^00 and 02^00 states 2—8600
CO_2, shock-heated, vibrational relaxation of 10^00 and 02^00 states 2—8602
CO_2, shock tube meas. of rate of vibrational energy transfer to CO, 730-2325K 2—8858
CO_2, simple potential energy function 2—31784
CO_2, solid, electron bombardment effects on sorptive characteristics 2—3556
CO_2, solid, extreme u.v. reflection spectra 2—19995
CO_2, solid, quadrupole forces from quantum lattice dynamics treatment 2—32789
CO_2, solid, reflection spectra from 4 to 22 eV 2—16466
CO_2, solid, X-ray spectra, O_2 K-emission obs. 2—16598
CO_2, TEA amplifiers, gain saturation 2—14412
CO_2, TEA laser, mode locked characteristics 2—17591
CO_2, thermal cond., critical region obs. 2—18874
CO_2, thermal desorption from Si surfaces 2—9312
CO_2, threshold electron impact excitation spectra studied by SF_6 scavenger technique 2—28313
CO_2, transverse flow, electrode configuration and power output 2—2388
CO_2, vibr. thermalization, temp. depend. 2—28274
CO_2, vibration temp. of asymmetrical mode, inc. upper laser level 2—24447
CO_2, vibrational deactivation by collisions with HF and DF at 75 and 100C 2—15425
CO_2, vibrational relaxation, statistical model 2—5915
CO_2, viscosity, new relative meas. in 25-700°C range, rotational collision number computed using kinetic theory 2—32184
CO_2,He,N_2 mixture gas lasers, modulation by GaAs, CdSe, CdS and CdTe crystals 2—17668
CO_2 91% and N_2 9% mixture as Venusian atmosphere, spectral composition, emissivity and absorptivity 2—30584
CO_2 (TEA) laser, self locking of axial modes 2—17588
CO_2 absorption band in Cytherean atmosphere 2—33747
CO_2 absorption spectra of Mars, dust storm measurement 2—37364
CO_2 adsorbed on NaCl film vibrational frequency shifts and splittings 2—5914
CO_2 adsorption on α-Cr_2O_3, i.r. study 2—6381
CO_2 amplifier, effect of resonance exchange between 10^00 and 02^00 levels on weak signal amplification coefficient 2—37962
CO_2 and CO_2-N_2 discharges, i.r. afterglow emission 2—39211
CO_2 as nuclear reactor coolant, comparison with He 2—28151
CO_2 atmospheric absorption at 10.6 μm, for field irradiance distrib. 2—26502
CO_2 collisions with N_2O, CO, $^{13}CO_2$, $^{15}N_2$, D_2, ^{13}CO determ. temperature dependence of nearly resonant vibrational energy transfer 2—18542
CO_2 concentration in the upper troposphere and lower stratosphere 2—26486
CO_2 content of atmosphere near ground, seasonal and diurnal variations 2—1841
CO_2 cryst., optical phonons and polaritons 2—19392
CO_2 cw laser, second harmonic generation in proustite 2—22722
CO_2 desorption in sea water with bubble column 2—1194
CO_2 dimers in 'locked' configuration, i.r. spectrum studied 2—8605
CO_2 distribution on Mars, a spectroscopic determination of surface topography 2—7527
CO_2 emissivity calc. at high temps. and pressures by just overlapping spectral line model 2—39282
CO_2 emissivity meas. in pressure range 1-21 bar and temps. 673-1070K 2—39281
CO_2 equilibrium concn. w.r.t. air in surface waters of N. Pacific and Bering Sea 2—1801
CO_2 exchange atmosphere and ocean in eastern South Atlantic 2—13640
CO_2 extinction coefficient meas. in 1700-3000 Å region 2—15296

Carbon compounds continued
CO_2 films condensed on cryogenic surfaces, refractive indices and densities 2—7039
CO_2 flow, sorption, through hydroxyapatite compacted membrane, 77-303K 2—39554
CO_2 frost on the Martian south polar cap, spectral absorption features 2—14001
CO_2 gain kinetics of gasdynamic laser mixtures at high pressure 2—2397
CO_2 gas, elastic scattering of low energy electrons at 180° 2—18408
CO_2 gas lasers, by molecular gases exhibiting Stark effect 2—7920
CO_2 gasdynamic lasers, optimum conditions determ. for gain and power 2—27479
CO_2 high-power laser beams, limitations on atmospheric thermal effects 2—33470
CO_2 i.r. laser, noninterference sampling method using ultrasonic diffraction grating 2—7919
CO_2 i.r. transmission 2—5925
CO_2 in eastern Pacific, total dissolved, vertical distribution, multivariable regression analysis 2—16781
CO_2 infrared spectral absorption line broadening at 207 and 298 K 2—18406
CO_2 jet, high-energy, gas flow obs. 2—8915
CO_2 laser, atmospheric propagation, limitation caused by gas breakdown and thermal blooming 2—37170
CO_2 laser, broadband, coupling modulation 2—23582
CO_2 laser, drilling of fused quartz sheets, meas. of hole depth vs. absorbed laser intensity 2—36220
CO_2 laser, effect of output-coupling apertures in a resonator on spatial coherence 2—11458
CO_2 laser, experiment on cross relaxation 2—23584
CO_2 laser, h.v. axially pulsed, performance 2—14404
CO_2 laser, high power output production 2—37964
CO_2 laser, high power single mode, use of quasioptical transmission lines 2—2385
CO_2 laser, hybrid injection locking 2—22576
CO_2 laser, passive Q-switching using ^{13}C enriched methyl fluoride 2—5357
CO_2 laser, passively Q switched, frequency stabilization 2—21069
CO_2 laser, pulsed, excitation by electric field and electron bombardment 2—27471
CO_2 laser, pulsed, output monitoring using photon drag effect 2—21067
CO_2 laser, pulsed discharge, numerical modelling, output pulse characts. 2—34390
CO_2 laser, Q-switched, selection of single rotational lines using Ge coupling out plate 2—7954
CO_2 laser, Q-switching, applic. of Stark effect in methyl chloride 2—3105
CO_2 laser, radius obs. near focus of lens 2—21066
CO_2 laser, refractive index of gas discharge medium 2—27495
CO_2 laser, simultaneous active stabilization and frequency modulation 2—266
CO_2 laser, Stark effect driven Q-switching 2—21068
CO_2 laser, Stark modulation using organic gases 2—11467
CO_2 laser, TE, low voltage, gas transport, construction and operation 2—34389
CO_2 laser, TEA, double discharge, construction and operation 2—37961
CO_2 laser, TEA, effect of hydrogen 2—37958
CO_2 laser, TEA, for two dimensional interferometry, obs. of refractivity of short theta pinch plasma 2—23686
CO_2 laser, TEA, Marx generator pulse applic. 2—23588
CO_2 laser, transversely excited pulsed, press. depend. performance 2—34391
CO_2 laser, transversely excited atmospheric, peak gain and temporal behaviour 2—5363
CO_2 laser absorption characteristics of metals 2—25568
CO_2 laser amplifier, spatially resolved gain meas. 2—37955
CO_2 laser discharge, axial mag. field effects 2—24858
CO_2 laser discharges, radial gain profiles 2—23583
CO_2 laser internal freq. selection using Fabry-Perot interferometer 2—27480
CO_2 laser mixtures, electron energy distrib. 2—7917
CO_2 laser mixtures, uniform discharges at atm. press. 2—5358
CO_2 laser with nonlinear absorption under quasitravelling wave conditions 2—268
CO_2 lasers, high power deep penetration welding 2—14052
CO_2 lasers, vibrational temps. and population inversion calcs. 2—27469
CO_2 lasers single mode operation by saturable absorbers caused by selective gain discrimination 2—17596
CO_2 Martian and Cytherian ionospheres, rate constants for CO_2^++H and CO_2+H^+, measurements in flowing afterglow system 2—17038
CO_2 mixtures, influence of lasing on electron energy distribution 2—3248
CO_2 photodissociation obs. of phosphorescence from $CO(a^3\Pi$-$X^1\Sigma)$ Cameron bounds 2—28276
CO_2 photoelectron spectra and partial photoionization cross sections 2—12167
CO_2 photoionization by soft X-rays at 0.28 and 1.49 keV, meas. of relative abundance of thermal energy ions 2—805
CO_2 population inversion due to expansion through supersonic nozzles 2—5362
CO_2 pulsed gas dynamic laser, operating characteristics 2—11463
CO_2 pulsed laser, dissociation effect on inversion 2—2396
CO_2 recombination of I atoms studied by flash photolysis 300-1173K 2—26356
CO_2 solubility in liquid methane and liquid Ar 2—1080
CO_2 spark discharge, small gap width, current steps 2—24908
CO_2 spectral transmissivity of real gas, exponential model 2—21921
CO_2 TEA laser, electric field and material rate equations 2—37965
CO_2 TEA laser, gain and relaxation 2—37966
CO_2 TEA laser, output power 2—37960
CO_2 TEA laser, pulse delays 2—37959
CO_2 TEA laser, special cathode arrangement for triggered discharge 2—11464
CO_2 TEA laser 2—35632
CO_2 TEA lasers, large pulse energies in u.v. range 2—7921
CO_2 velocity of sound at temperatures <100°C, noise effects on reactor circuits components 2—3328
CO_2 vibrational states lifetimes, spectrophone measurements interpretation 2—24436
CO_2^+, electron-ion recombination, meas. in flowing afterglow 2—6108
CO_2^+, electronically excited, collisional deactivation rates 2—31877
CO_2^+, obs. of spectral emission due to excited states prod. in $He(2^3S)$+CO_2 reaction 2—24445

Carbon compounds continued
  CO_2^+, recombination coefficient meas. in flowing afterglow following electron-positive ion collisions 2—12000
  CO_2^+, recombination in He afterglow. prod. of $CO(\alpha^3II)$ metastable state 2—8594
  CO_2^+, recombination with electrons in presence of CO_2, cross section calc. 2—12459
  $CO_2 \rightarrow O(^1S)+CO(X^1\Sigma)$, vacuum u.v. photodissociation, time of flight spectroscopy of metastable fragments 2—777
  CO_3, structure and properties, ab initio LCGO MO SCF calc. 2—8589
  CO_3^{2-}, bonding investigations using X-ray spectroscopy and ab initio SCF-MO calc. 2—31821
  CO_3^{2-}, in anisotropic $CaCO_3$ crystal, Einstein coefficient spectra, light wave fields differences 2—801
  C_2O molecule formed in low temperature matrix reaction of C atoms 2—31782
  C_3O molecule formed in low temperature matrix reaction of C atoms 2—31782
  C_3O_2, electronic structure ab initio LCGO MO SCF calc. 2—21591
  C_3O_2, high-resolution photoelectron spectra, vib. analysis 2—35240
  C_3O_2, mol. beams, electric field deflection behaviour 2—31783
  C_3O_2, orbital determ., ESCA line intensities obs. 2—35219
  C_3O_2, photolysis generation of electronically excited $C(2^1D_2)$ atoms 2—15232
  C_3O_2, vacuum u.v. photolysis in presence of CH_4 and Ar. 25°C, reaction products study, and mechanism 2—30083
  C_3O_2 flash photolysis, transient absorption spectrum of CCO radical observed 2—8603
  CO_2CH_4 system, ion-molecule reactions studied at 0.1-0.4 torr in mass spectrometer, determ. rate constants 2—15421
  $CO(CN)_2$, vacuum u.v. absorption spectrum, vibrational assignments 2—3032
  $CO(CN)_2$, X=F, Cl, Br. photoelectron spectra, 6-21 eV 2—28279
  COF_2, Fermi resonant 1943 cm^{-1} band, temp. dependence of spectral intensity 2—8592
  COF_2, liquid significant structure theory, degrees of freedom, thermodynamic properties 2—28785
  $(CO)Fe(PF_3)_4$, C_{3v} and C_{2v} isomers, vibrational assignments and enthalpy difference 2—24446
  COS, excitation via effective energy transfer from CO 2—28428
  COS, gas. microwave spectrum, line shape study, low pressures 2—12165
  COS. temperature dependence of u.v. continuous absorption spectrum, 210-260 nm 2—15291
  COS, threshold electron impact excitation spectra studied by SF_6 scavenger technique 2—28313
  COX_2, X=F, Cl. Br, photoelectron spectra, 6-21 eV 2—28279
  $CO-Ar^+$ charge exchange collision, rate coeff. meas. 2—5832
  CO_2+H_2 mixtures, vibrational-rotational energy exchange. 344 to 742 K 2—3140
  CO_2+He^+, dissociative charge exchange. differential meas. 2—31730
  $CO_2+He(2^3S)$, prod. of excited states of CO_2^+ and CO, spectral emission obs. 2—24445
  CO_2+N_2. reacting u.s. stream, mechanism of chemical and vibrational relaxation, numerical study 2—40804
  CO_2+N_2. vibrational energy exchange in collisions 2—3149
  CO_2+N_2+He, mixture. change of temp. with time determ. based on rot. structure of 0,0 band of N_2 2—1008
  $CO+O(^3P)$ reaction, kinetics and mechanism 2—22869
  CO^++e^- recombination in CO flows meas. dissociate-recombination rate coefficient in electron temp. range 1200 to 6300K 2—18701
  $CO_2(xyo)+CO_2 \rightarrow CO_2(001)+CO_2$ shock tube meas. of vibrational relaxation, reaction rate obtained 2—35235
  CS_2/O_2 chem. lasers, operative mechanisms 2—23587
  CS_2- methanol system, specific heat and coexistance curve near critical point 2—35754
  CS_2-O_2, electric discharge, cw CO chemical laser 2—17592
  CS_2-3-Methyl pentane glass system, γ-radiolysis, CS_2^- form. 2—7185
  CS_2-acetic anhydride binary liq. system, critical phenomena in coexistence curve 2—3357
  CS, obs. in spectra of young cluster NGC 2264 2—37313
  CS, photoelectron spectrum of short lived species in product of CS_2 discharge assigned to this molecule, determ. ionization potential 2—31789
  CS, vacuum u.v. photoelectron spectrum values for first two ionization potentials obtained 2—28285
  CS, vibrational relaxation 2—5917
  CS $A^1\pi$, electric dipole moment calc., using configuration interaction technique 2—8595
  CS_2, ^{13}C n.m.r. relaxation, temperature dependence 2—38951
  CS_2, ^{13}C nuclear relaxation, field-dependent contributions 2—28333
  CS_2, afterglow emission studied following excitation in microwave or Ar discharges, 360-640 nm 2—24448
  CS_2, charge distribution determ. by Hartree-Fock-Roothaan molecular orbital calc. 2—21598
  CS_2, Fourier transform obs. of Brillouin and Rayleigh line widths and shapes 2—1103
  CS_2, second harmonic light scatt. 2—35765
  CS_2, solvent dependence of absorption band at 316 nm 2—9137
  CS_2, spin echo n.m.r. 2—35790
  CS_2, stimulated scattering under laser excitation 2—1102
  CS_2, susceptibility echos, short optical pulse 2—5908
  CS_2, threshold electron impact excitation spectra studied by SF_6 scavenger technique 2—28313
  CS_2, vapour, γ-irradiated, av. energy per ion pair 2—15498
  CS_2 photodissociation in vacuum u.v., fluorescence excitation spectrum, determ. $D_0^0(SC\text{-}S)$ 2—37053
  CS_2 vapour, laser excited fluorescence. double exponential decay 2—12108
  CS_2^- acetonitrile binary liquid system. coexistence curve 2—32243
  C_3S_2, mol. beams. electric field deflection behaviour 2—31783
  $C^{34}S$, rotational. structure in $^1\Pi-^1\Sigma^+$ transition 2—8590
  CSClBr, i.r. and Raman spectra, vibrational analysis 2—38896
  CSClF, u.v. band spectra, identification of electronic transitions, vibronic assignments 2—12120
  CS_2+NO_2 flash photolysis, CO laser emission 2—2393
  CS_2+O_3 reaction, CO laser emission 2—2392
  ^{12}CO, ^{14}CO atmospheric budget, production and destruction in stratosphere and troposphere 2—1845
  $^{13}C^{16}O$ in i.r. sunspot spectrum, det. of $^{12}C/^{13}C$ 2—17048
  Co, $(a^3\Pi)$ metastable state prod. by recombination of Co_2^+ in He afterglow, lifetime and quenching 2—8594
  Co, adsorbed layer on Ni films. calorimetric i.r. spectroscopy 2—18955

Carbon compounds continued
  Co, valence electrons, ionization by 10 keV electrons as function of energy loss 2—39194
  Co gas, laser, characterisics, optimization of gas composition spectral efficiency 2—11469
  Co in Martin atmosphere u.v. spectrometry, Mariner 9 experiment 2—37361
  Co_2, laser, focal length meas. of gaseous lens in active medium 2—11466
  Co_2, quenching of vibrationally excited N_2, study using photoionization technique 2—806
  Co_2, study of evolution of martian atmosphere 2—41194
  Cr-Si-C, phase diagram. survey of Cr-rich area 2—40001
  Cr-Zr-Nb-C alloy, stress rupture and ductility control by microstruct. modification 2—9692
  $D_2+F_2CO_2$ mixture, pulsed chem. high press. laser 2—37967
  Fe-C-Cr. alloy, transform. kinetics, austenite-proeutectoid ferrite, nucleation, growth rates 2—22359
  Fe-C-Si alloy, non-eutectic solidification 2—28948
  Fe-C, alloy, martensitic and massive transform. temps. rel. to C content 2—22360
  Fe-C alloy, Ar ion bombardment, secondary ion emission, mass spectra 2—4329
  Fe-C alloy, brittle fracture initiation, carbide particle size effects 2—39823
  Fe-C alloy, H_2 embrittlement, comp. depend 2—12899
  Fe-C alloy, precipitation, nonisothermal conditions 2—9811
  Fe-C alloy, precipitation stages 2—15963
  Fe-C alloy, specific resist., second phase formation and solution kinetics 2—29428
  Fe-C alloy, tempered, C distribution, mag. and dilatometric analysis 2—3928
  Fe-C system, microstructure stability during cyclic deformation 2—32724
  Fe-Co(Cu)(Mn)-C system, austenite phase, C activity 2—40006
  Fe-Mn-C alloy, martensite struct. rel. to metallurgical treatment 2—12997
  Fe-Ni-C, martensites, elastic props. from sound velocity and mass density obs. 2—3829
  Fe-Ni-C, martensitic, H_2 embrittlement 2—12910
  Fe-Ni-C alloy, martensites, morphology rel. to formation temp. 2—12775
  Fe-Ni-Cr-C system, austenite phase, equilib. C content determ. 2—40007
  Fe-P-C alloy, intergranular brittleness. rel. to P and C content 2—36235
  Fe—Ni(Cu)(Zn)—C alloy, activity coeff. of C, comp. depend. 2—9768
  Fe—Ni—Mo(V)—C alloy, martensite transform. twinning 2—9807
  Fe—V—Nb—C alloy, VC_x precip., electron microscope obs. 2—9769
  HCO_3, ^{18}O and ^{14}C, isotope exchange 2—16768
  He-N_2-CO_2 laser, molecular, electron beam controlled method of pumping at high pressure 2—34392
  Mn-P-C alloy, amorphous, atomic and radial distrib. functions 2—15933
  Mo-C-O alloy, C and O surface migration, rel. to chemisorption and precipitation 2—9252
  Mo-Mn-C system, phase equilib., X-ray study 2—13013
  Mo-Re-C alloy, C distrib. and diffusional mobility 2—36052
  Mo-Ti-C alloy, deformed, subgrain growth during annealing 2—12946
  N_2-CO_2-He glow discharge, electron energy distribution and vibrational temperature obs. 2—24879
  N-CO_2, vibrational energy transfer time, laser meas. 2—2399
  N_2, vibrational excitation by electrons at 10 to 100 eV 2—12171
  Nb-C-Re system, intermetallic cpd. structs. 2—36304
  Nb-C solid soln., C solubility, 1500-2150°C 2—32718
  Ni-Cu-C alloys, mechanical properties, at temperatures between 78 and 523 K 2—1278
  Ni—V—C alloy, VC_x precip., electron microscope obs. 2—9769
  Pu-C-O system. phase diagrams 2—12611
  Ta-(1.53at.%)C, crystal struct., interstitial ordering, field ion microscope obs. 2—9493
  Ta-C, ζ phase, precip. in TaC, struct., electron microscope obs. 2—3733
  Ti-Si-C system, phase equilib., rel. to complex carbide deposition 2—25213
  U-C-O system, phase diagrams 2—12611
  U-C-X, X=Ce, Nd, La. phase diagrams 2—9838
  U-Pu-C-O system, phase diagrams 2—12611
  U-V-C system, phase transform., C content effects 2—36310
  W-Mn-C system. phase equilib., X-ray study 2—13013
  Zr-C alloy, C surface migration rel. to chemisorption and precipitation 2—9252

Carbon tetrachloride (CCl_4) *see Organic compounds*

Carcinotrons *see Electromagnetic oscillations; Electron tubes*

Carrier density *see Electron density*

Carrier mobility *see Crystal electron states/transport processes; Semiconducting materials; Semiconductors*

Carrier scattering *see Crystal electron states/transport processes; Semiconducting materials; Semiconductors*

Catalysis
    see also Reaction kinetics
  benzoyl peroxide, decomp. accelerated by synthetic faujasite. chemiluminescence 2—13573
  catalyst surface area rel. to crystallite size 2—26346
  catalyzed reaction, acceleration by hot electrons 2—10620
  chemisorbed contiguous adlayer preparation 2—30062
  diamond synthesis, liquid metal solution, nuclei generation 2—19001
  e.s.r. methods 2—7176
  heterogeneous, active sites 2—33376
  heterogeneous, causing local structures in chemical reactions 2—37040
  methane. solid, oxygen catalysis 2—10572
  oxide catalysts, use of luminescence to investigate acidic centres 2—4585
  spectrophotometer cell, high-pressure, high-temperature identification of active agent 2—16707
  CO decomp. on Ni films, active sites 2—33376
  CO oxidation in shock waves with $Cr(CO)_6$ catalyst 2—20177
  Pt surface, formation of PtOH, detection by i.r. spectroscopy 2—8699
  V_2O_5 dislocation model. formation of interstitial oxygen 2—4220

Cataphoresis *see Electrophoresis*

Cathode-ray oscillographs *see Electrical measurement*

Cathode-ray tubes *see Electron tubes*

Cathode rays *see Electron beams*

Cathodes
    see also Anodes; Electron emission
  ablation in a spark discharge studied using spectrophotometric technique 2—9005
  arc for a continuous discharge under working-gas pressure 2—28677

Cathodes continued
- arcs, potential drop depend. on gas concentration, current density and electron component of current at cathode surface 2—3280
- arcs, processes in pre-cathode region, theory 2—3279
- cap for EM6 microscope for use with pointed filaments 2—17547
- cold, multineedle, emission in nanosecond range, current voltage plots, electron microshadows 2—4310
- detector photocathode developments 2—40384
- electron emission in corona breakdown in rare gases 2—24907
- electrostatic fields in electron-optical systems with wedge shaped 2—7848
- emitting surface inhomogeneity, influence on mean value, dispersion of emission current, statistical model 2—33099
- fall effect on plasma beam torch efficiency 2—6089
- group cpds., III-V cpds. photocathode, major detector development 2—40389
- hollow, arcs applications 2—28680
- hollow, for use in electron bombardment ion thrusters, study of discharge characteristics 2—18702
- rel. to intense relativistic electron beam, concentration and guidance 2—11436
- magnetron diode, weak cathode field state in self- coordinated theory 2—37924
- MIM device, height and half widths of ang. distrib. of electrons emitted from traps 2—10150
- photocathode, field-assisted infrared, feasibility and design 2—25976
- photocathode, heterojunction, interfacial barrier 2—6922
- photocathode average integral sensitivity characteristics 2—21033
- plasma, peculiarities of powerful cathode-ray guns 2—17545
- semiconductor electron emitters with negative electron affinity 2—22652
- semiconductor junction, p-n, cold cathode, multi-emitter, activation 2—4312
- spike, use with duoplasmatron ion source 2—7876
- spot, characteristics for arc discharge in vacuum 2—12483
- sputtering, reactive, thin film deposition, plasma analysis 2—1011
- sputtering equipment for deposition of optical coatings 2—32352
- sputtering in glow discharge, heat transfer effects 2—35611
- temperature in Ar arc, effect of Cs seeding 2—12373
- thermionic converter, emission current in terms of Cs arrival rate, electrode surface temperature, empirical equation for 2—37923
- Al-SiO_x-Ag film, electron emission, attenuation length 2—25971
- Ar, electron swarm, mean energy, cathode effects, computer simulation 2—35592
- Cs-Sb photocathode, thermally stable processing, thermal effect on photoelectric response 2—29786
- Fe, influence of non-metallic inclusions and thin films in micro-regions 2—21888
- Fe, sputtering in Ar-O_2, at. absorpt. spectroscopy, mol. mode determ. 2—1012
- p-GaAs:Cr, photosensitive and thermostimulated emission, spectral distrib. 2—6920
- GaAs photocathode, Cs_2O-activated, electron energy loss in band bending region 2—6927
- $GaAs_{0.6}P_{0.4}$, pn-Schottky hybrid cold cathode diode 2—13353
- Hg in He-Ne laser 2—27482
- K_2CsSb photocathode as high-gain secondary emitter 2—40392
- LaB_6, surface struct. effects on emission props. 2—40385
- Ne air porous, Pd catalyzed, performance in secondary Zn-air cell 2—11418
- Ni, sputtering in Ar-O_2, at. absorpt. spectroscopy, mol. mode determ. 2—1012
- $NiFe_2O_4$, sputtering in Ar-O_2 at. absorpt. spectroscopy, mol. mode determ. 2—1012
- NiO, pressed porous, for production of intense electron beams 2—21027
- SiC p-n junction cold cathode, multi-emitter, activation 2—4312
- W, field electron currents numerical treatment 2—37919
- W, thermionic anomalously high emission in arc discharge in inert gas media 2—28676
- W, thoriated, erosion in N_2 2—24757
- W field emitter, remoulding of the [031] tip 2—36624
- ZrO_2, in fuel cell, coated with SnO_2/Sb_2O_3, voltage current characteristics 2—23493

oxide
- alkali earth metal oxide, cathode emission capacity mech. 2—40387
- breakdown on current selection of single impulse 0.1 μsec to 700 msec 2—3269
- chemical transport 2—19792
- emission in magnetic field, longitudinal, strong 2—29783
- Ag-O-Cs photocathode, emission mechanism, cpd. form. on sensitizing oxidized layers 2—33086
- Al-Al_2O_3-Au m.i.m. sandwich struct., I-V characts., electron emission 2—13290
- (BaSrCa)O, mixed oxide, evaporation of components during emission current take-off 2—33085
- Hg vapour-Ar arc discharge, cathode fall depend. on cathode qualities 2—39228
- MgO-Ag, cold, self-sustained emission stability 2—25975
- MgO-Ag, cold, self sustained emission 2—25974
- SrO, evaporation of components during emission current take-off 2—33085

Cathodoluminescence
- borate glass, activated with Tb and Ce stability to flow of accelerated electrons 2—36957
- borosilicate glass, activated with Tb and Ce, stability to flow of accelerated electrons 2—36957
- clean vacuum electron beam device, temperature dependence of bandgap of GaAs 2—17549
- glass, Tb activated, obs. 2—16634
- inert gas liquids and solid alloys, vac. u.v. α-induced luminesc. 2—20113
- metal surfaces, optical radiation excited by nonrelativistic charged particles 2—22812
- mica, impact of alpha particles and K^+ ions 2—36956
- silicate glass, activated with Tb and Ce, stability to flow of accelerated electrons 2—36957
- solid, photon emission during alkali ion bombardment 2—36955
- $AgGaS_2$, visible, free exciton annihilation 2—33324
- Al, impact of alpha particles and K^+ ions 2—36956
- $Ba_2SiS_4:Eu^{2+}(Ce^{3+})$ phosphor 2—10451
- CaF_2, Mn- and Ce:Mn doped 2—13518
- $Ca_2SiS_4:Eu^{2+}$ phosphor 2—10451
- Cas phosphor, decay time reduced with Co addition 2—26248

Cathodoluminescence continued
- CdP_2, band structure and exciton behaviour 2—26215
- CdS, free exciton motion and exciton-phonon interaction studies 2—36958
- CdS film, epitaxially grown from vapour 2—39535
- $CdSnP_2$, doped with different impurities 2—10452
- n-CdTe, CdS semiconductor, emission curve, pulse excitation, relaxation kinetics, non-radiative recombination 2—7102
- CdTe, effects of heat treatment and electron irradiation 2—29990
- Cu, radiative recomb. from transitions between cond. band states 2—20114
- Fe_3O_4, rel. to derivation of semiquantitative band model 2—4520
- $Ga_{1-x}Al_xAs$, solution grown 2—18939
- p-GaAs, electron beam excited, temp. depend. of internal quantum efficiency 2—29947
- n-GaAs, electron beam pumped, doping depend. 2—29950
- GaAs, epitaxial, determination of energy levels bound to impurities or defects 2—32364
- GaAs, intensity depend. on excitation level 2—4521
- n-GaAs, peak emission energy, donor conc. depend. 2—13519
- p-GaAs semiconductor, emission curve, pulse excitation, relaxation kinetics, non-radiative recombination 2—7102
- $GaAs_{1-x}P_x$:Se, epitaxial, rel. to assessment for light emitting diodes 2—10459
- $Ga_xIn_{1-x}P$ alloys, donor-valence band transition 2—22550
- GaP:N, epitaxial, efficient yellow luminesc. 2—7092
- GaP, light emitting diode material, scanning elec. microscope obs. 2—22813
- GaSe exciton-exciton interaction 2—20115
- $Mg_2SiS_4:Eu^{2+}$ phosphor 2—10451
- SiC diffused diode, radiative recomb. quantum efficiency 2—16633
- $Sr_2SiS_4:Eu^{2+}(Ce^{3+})$ phosphor 2—10451
- $Tl_3NbS_4(Se_4)$,,cathodoluminescence spectra 2—26239
- $Tl_3TaS_4(Se_4)$, cathodoluminescence spectra 2—26239
- Tl_3VS_4, cathodoluminescence spectra 2—26239
- YBO_3:Ce, props. rel. to Ce conc. 2—4518
- $Y_2O_3:Eu^{3+}$ phosphor, brightness enhancement by Ga_2O_3 addition 2—22814
- ZnP_2, interband transitions and exciton behaviour 2—26227
- ZnS:Ag, luminescence from donor-acceptor transitions, noise and modulation 2—22815
- ZnS, emission bands, effect of Zn displacement 2—33326
- ZnS, thin films, study as function of substrate temp. at which film deposited 2—13521
- ZnS effect of temp. of u.v. spectra, nature of emissions 2—10453
- ZnS film, epitaxially grown from vapour 2—39535
- ZnS film, prep. by r.f. sputtering 2—32384
- ZnSe film, epitaxially grown from vapour 2—39535
- ZnSe(Te) semiconductor, emission curve, pulse excitation, relaxation kinetics, non-radiative recombination 2—7102
- Zn_2SiO_4:Mn, saturated cathodoluminescence, noise and modulation expts. 2—22816
- Zn_2SiO_4, willemite, intrinsic emission 2—13520

Causality *see Physics fundamentals*

Cavitation
- *see also Vortices*
- acoustical technique applic. 2—28946
- acoustically induced gas bubble growth 2—15559
- anticavitation improvements of helico-centrifugal pumps using reverse currents 2—30714
- flow past aerofoils, linearized theory 2—15551
- glycerol, shock-loaded 2—12525
- hydrodynamic noise, approx. theory 2—28760
- hydrofoils, effect of steady transverse gravity fields 2—6178
- incompressible fluids, cavitating flows around curvilinear arc 2—39305
- laser induced, short duration photography 2—9144
- pulsating bubble, flotation effect at acoustic cavitation 2—35715
- solid-liquid interface, cavity form., theory 2—9059
- sonoluminescence prod. 2—28873
- steel, 1X12VNMO, effect of thermomechanical working on cavitation resistance 2—6597
- water, threshold dependence on volume 2—21937
- water, ultrasonic, obs. of thermal radiation 2—18781
- Fe alloy, cavitation corrosion, electrochemical processes 2—33380
- H_2 liquid, dynamics of bubbles in ultrasonic field 2—28771
- O_2 liquid, erosion intensity dependence on static pressure and ultrasonic frequency 2—39306

Cavity resonators *see Acoustic resonators; Electromagnetic oscillations*

Celestial mechanics
- astronomical constants, precession, nutations, conference Heidelberg (Aug. 1970) 2—10807
- Brown's lunar theory, analysis of approximations 2—1937
- canonical variables, systems of Adel Soudan 2—7371
- capture in the restricted three body problem 2—41037
- collisionless self-gravitating constant density system, stability 2—41046
- conservative differential equations, topological study, three-body problem 2—20477
- conservative systems, transformation to normal cords. by method of regulating time transformation 2—41039
- differential coefficients in the variations of rectangular coordinates using universal elements 2—41040
- dynamical system with three degrees of freedom, number of isolating integrals 2—41073
- elliptc restricted problem three bodies, characteristic exponents 2—20454
- elliptic restricted three body problem, true anomaly as independent variable 2—20478
- equilibrium figure for axisymmetrical celestial bodies equations, soln. by Lichtenstein method 2—27047
- equinox motion, and corrections to precession 2—10811
- four dimensional mapping, numerical methods 2—23056
- galactic astronomy, orbit theory and stellar motions, book 2—7374
- galactic stellar orbits, calculated from potential model 2—20475
- general theory, three body problem, periodic solutions and stability, book 2—33593
- generalized many-body problem 2—33591
- gravitational n-body problem, numerical integration, close approaches 2—41051
- gravitational n-body problem, numerical integration methods 2—41044
- great inequality, influence on secular disturbing function 2—20680
- Hamiltonian transformation by isolated fixed points 2—10814

Celestial mechanics continued
ideal resonance problem, second-order solution by Lie-series 2—27116
Lawden's spiral, non-optimality of intermediate-thrust arcs 2—30390
linear and regular theory of celestial mechanics, book 2—41041
lunar occultations, prediction of series and periodicity 2—7372
lunisolar precession and motion of the ecliptic, corrections from proper motions of 77 Cepheids 2—13831
Lynden-Bell's statistics, computer experiments 2—41049
McCormick regions, proper motions 2—30419
motion in central gravitational field, parameters normalized to obtain dimensionless eqns. 2—7373
mutual perturbations of outer planets, limitations on mass determinations 2—30546
N point masses in non-flat central configurations, Wintner's conjecture 2—30415
N-body gravitational problem, numerical integration methods 2—7709
N-body problem, numerical experiments 2—41043
n-body problem, numerical integration, use of integrals 2—41045
N-body problem and gas dynamics in one dimension 2—39272
noncanonical systems, theory of general perturbations 2—4785
nutations in motion of Earth because of external forces due to Sun and Moon 2—10812
obliquity of ecliptic, excess secular change, rel. to internal motion of Earth 2—10810
orbit determination, power series representation of partial derivatives 2—20476
orbital inclination, recurrence relation for inclination function 2—1940
orbits, step size, numerical integration 2—37250
osculating two body orbit, undisturbed eccentric anomaly differences as independent variable in perturbation differential equations 2—30412
periodic orbits, near L_4, near Routh critical mass ratio 2—1941
periodic orbits of collision, 4-body plane circular problem 2—41038
perturbation function, new expansions 2—7643
planetary motion, disturbing function, expansion by binomial and Laplace series 2—20678
planetary motion, Kepler's laws derivation 2—37353
planetary motions from N-body problem solution with recurrent power series 2—1942
precession, correction from proper motions referred to galaxies 2—10809
precession constant, effect of corrections 2—13832
precession determination, review 2—10808
precession-nutations and tidal potential 2—10813
proper motions of stars in region of WX Centauri 2—26669
purturbation of Earth satellites due to arbitrary zonal harmonics 2—37249
quantum theory 2—11256
rectilinear problem of three bodies, integrable case 2—37247
restricted three body problems, capture of comets by Jupiter and other planets 2—7713
restricted three-body problem, differential equations, numerical integration in series 2—37652
satellite orbit, equation of motion in an axially symmetric gravitational field, integrability cases 2—1936
satellite problem of three bodies, perturbations calc. method 2—30414
space motions of K3-M2 dwarfs in solar neighbourhood 2—13887
space station orbit calculations round an oblate Earth, first order soln. 2—20445
stability of circular satellite orbits, estimation of deviations 2—30391
star, wake induced in field of stars, dynamical friction, polarization clouds 2—10846
stellar collisions, head on, numerical hydrodynamic study of coalescence 2—30413
stellar dynamical systems, statistics of 2—20474
stellar dynamics, gravitational N-body problem, IAU colloquium, Cambridge (1970) 2—41042
stellar perturbations on long-period comets with extremely eccentric orbits 2—26861
stellar proper motions, derivation of precessional corrections, solar apex and galactic rotation 2—37253
stellar systems, axisymm. pot. field, third integral of motion, soln. by Jeans theorem 2—33592
stellar systems, collisionles, dynamics, numerical integration methods 2—41077
symmetric satellite under gravitation of two symmetric bodies, generalized 3 body problem 2—37248
three body problem, surface of zero relative velocity in presence of magnetic dipole, application to charged micrometers 2—26866
three-body motions in a plane, classification scheme 2—1943
three-body problem, escape conditions for one member 2—1935
three-body problem, restricted, attitude stability of a symmetrical satellite 2—1939
three-body problem, restricted, for periodic, consecutive-collision orbits 2—1934
three-body problem, restricted, practical stability of triangular points 2—1933
three-body problem, restricted, stability of and motion about L_4 2—1938
two and three body problem generalisations 2—7711
two-body problem with slowly decreasing mass 2—27124
Universe mechanics, macro-objects, fundamental elements 2—30404
virial theorem applica. to stellar dynamics 2—26607
Cell model *see Liquids, theory*
Centrifuges
analytical for particle size distrib. in polyvinyl chloride latex 2—15894
high acceleration, 4,000,000 g 2—23183
simulation of a gravitational field by a centrifugal field 2—27121
ultracentrifuge, design and development 2—11228
Ceramics
actinide compounds in pnictide and chalcogenide classes as nuclear fuel 2—18261
alumina, high density, i.r. transmittance rel. to mat. characts. 2—33204
alumina, strengthened by crystalline surface layers 2—1331
alumina, with compressive surface layers, delayed fracture, corrosion fatigue 2—6556
aluminosilicate rod, quenching, strength rel. to thermal shock 2—3887
brittle, thermal stress problem 2—19273
cermet, compacting rolling, contact arc length determ. 2—39947
cermet, prep. by alumothermal reduction 2—39948
cermet, surface polishing, diamond pastes evaluation 2—22064
cermet hard alloy, with varying Co content, prep. 2—39952
cermet steel, containing inclusions, optimum comp. for wear resist. 2—1334
Ceramics continued
cermet steel, martensite transform. during cooling after sintering 2—12939
chemical vapour deposition techniques 2—32349
coating, plasmic, thermal stability 2—1373
composites, bonding with refractory fibres to improve thermal properties 2—3967
composites, porous and filled, internal stresses, deform., finite element analysis 2—32597
crystal, press. forging, recrystallization, strength, fracture 2—36249
electroceramics, control of properties by microstructure 2—32738
electronic materials, conf., Hradec Kralove, Czechoslovakia, (1971) 2—12977
electrostrictive, polarization method 2—30874
enamels, thermolum., dosimetric props. 2—29987
fatigue testing method 2—19272
feldspar, isothermal sintering, shrinkage obs. 2—29445
ferrite-titanate ceramic, joining by hot pressing 2—39908
ferroelectric, adiabatic depolarization, energy conversion 2—29748
ferroelectric, coarse grained, anomalous dielec. behaviour rel. to internal stresses 2—16280
ferroelectric, nonlinear interactions, applic. to microwave signal processing 2—40342
ferroelectric, recording of holographic gratings 2—23631
ferroelectric, strain biased PLZT input devices for holographic memories and optical data processing 2—21122
ferroelectric materials, survey 2—3966
ferroelectric-ferromagnetic, two- and three-phase, dielec. and mag. props. 2—10117
ferroelectrics applics., review of developments in Europe 2—40340
glass, mech. props. and crystn. 2—35978
glass-ceramic enamel, mixed crystallization modes 2—22344
glazes, Ti determ. by spectrophotometric method 2—40850
grain size in two phase systems, linear intercept technique 2—36225
graphite, fracture energy determ. 2—29317
graphite-ceramic contact junction heat transfer at pressures of 5.10^5-200.10^5 N/m^2 and temps. of 583 to 873K 2—29565
green sheet, struct., by ultramicrotomy and elec. microscopy 2—9776
impact strength determination, drop weight test procedure 2—29443
internal friction, reed pendulum apparatus and meas. technique 2—25604
joint, tensile strength, temp. depend. testing 2—25543
metal-ceramic contact junction heat transfer at pressures of 5.10^5-200.10^5 N/m^2 and temps. of 583 to 873K 2—29565
nondestructive testing, high speed thermal and i.r. techniques 2—25609
oxide, defects, u.s. and fluorescence obs. 2—12978
piezoceramic plate rectangular, thickness vibrations 2—11352
piezoceramic transducer, u.s. leakage detection 2—13323
piezoceramic transducers, fund. modes 2—29519
piezoelectric, surface wave scatter loss, optical measurement 2—36337
piezoelectric coupling, effect on second order elastic constants 2—17376
piezoelectric disc, annular with concentric electrodes, radial displacement 2—22626
piezoelectric effect, appl. in telecommunications 2—6887
piezoelectric materials, book 2—36597
piezoelectric rings, vibrations, axisymmetric modes and electrical impedance 2—27231
piezoelectric transducer, mech. loaded, vibr. patterns 2—29521
porosity reduction, by impregnation with salt soln. 2—29442
porous, field distortion and dielec. strength rel. to porosity 2—13299
porous glassy, effect of moisture and temp. on fracture morphology, rel. to dacite 2—29319
reactor fuel elements, fission gas annealing test in post-irrad. exam. 2—38757
refractory fibres, prod., applications 2—39950
salund, from borosilicate glasses, prep., crystallinity, thermal parameters 2—15935
single phase, localized stresses due to thermal expansion 2—15821
substrates for Pt-Au films, porosity rel. to prep. technique 2—1182
sulphidized cermet, antifriction props. 2—29342
surface composition anal. using ion scattering spectrometry 2—20216
surface composition analysis by ion scatt. spectrometry 2—39454
test burner for producing thermal shock transients 2—27342
thermal resist., brittle materials destruction theory 2—39949
thermal stresses, in phases with different coeffs. of expansion 2—39775
titanates, oxygen self diffusion obs. 2—12814
vitroceramic fuel, coating technique 2—11901
wetting angle, determ. by drop method 2—39318
work of fracture, determ. for high strength brittle materials, review 2—39951
Al_2O_3:MgO, alumina, densification and grain size control 2—29444
Al_2O_3, alumina, fracture at surface flaws, thermal expansion anisotropy effect 2—12886
α-Al_2O_3, alumina, interatomic spacings, X-ray obs. 2—29135
Al_2O_3, corundum, thermal stability parameters 2—36251
Al_2O_3, cryst. growth and oxygen diffusion 2—36250
Al_2O_3, filament-reinforced plasma-sprayed, mech. props. 2—36264
Al_2O_3, fracture energy determ. 2—29317
Al_2O_3, impact strength determ., drop weight test method 2—29443
Al_2O_3, in H_2 atmosphere, thermal etch figure 2—28997
Al_2O_3, loss factor, water sorption effect 2—16263
Al_2O_3, porosity reduction, by impregnation with salt soln. 2—29442
Al_2O_3, thermoluminescence emission spectra, continuous determ. 2—29982
Al_2O_3, work of fracture determ. 2—39951
Al_2O_3 production, electrical parameters and applications 2—1552
Al_2O_3 substrate, thermal analysis of laser drilling process 2—11495
β-$11Al_2O_3.Na_2O$, impurity doped, ionic cond. 2—19753
$Al_2O_3.TiO_2$-$MgO.2TiO_2$, microcrack monitoring by acoustic emission 2—29381
BC_x, impact strength determ., drop weight test method 2—29443
$Ba_3Co_2Fe_{24}O_{41}$ and $Ba_3CoZnFe_{24}O_{41}$, magnetiz. reversal involving domain wall displacements 2—30024
$BaTiO_3$:Nb, grain growth, rel. to dielec. const. temp. and freq. dependencies 2—1568
$BaTiO_3$:Nb, Nb distrib. rel. to grain growth 2—1269
$BaTiO_3$:Nb, small-grained and large- grained, preparation 2—3968
$BaTiO_3$-$BaZrO_3$ ageing, ferroelec. hysteresis study 2—29401
$BaTiO_3$-CdSe, piezoelec., two-layer system, u.s. amplification and absorpt., electron phonon interaction 2—13032
$BaTiO_3$, Al_2O_3 additive effects on dielec. props. and densification 2—16284

Ceramics continued
$BaTiO_3$, decay of ^{99m}Tc isomeric transition, ferroelec. transition obs. 2—33056
$BaTiO_3$, dielec. props., twinning 2—16288
$BaTiO_3$, energy storage capabilities 2—33049
$BaTiO_3$, liquid phase sintering, exaggerated grain growth 2—1374
$BaTiO_3$, oxidation-reduction by O_2 plasma, F-centre obs. 2—13576
$BaTiO_3$, positive temperature coefficient of resistance, Nb_2O_5 and MnO_2 additives effect 2—36494
$BaTiO_3$, reduced, Curie temp. lowering 2—19762
$BaTiO_3$ experimental characterisation, thermal properties 2—39946
$BaTiO_3$ powder, dielec. props., effect of adsorbed H_2O 2—16282
$Ba(Ti_{0.95}Zr_{0.05})O_3$ plates, surface wave propag. characts. 2—19408
BeO-Fe_3O_4, electrical resistivity, effect of temperature and sintering pressure 2—6753
BeO, thermally stimulated exoelectron emission, pressure induced 2—4317
CaF_2, macroscopic densification and homogeneity in hot-pressing 2—32737
CdS photovoltaic cell prep. in soln. with Bi ions 2—10145
$Co_3IB_7O_{13}$, opt. and chem. props. 2—15936
$Li(Fe_{0.5}Ta_{0.5})O_2F$, ferroelec. antiferromag., magnetoelectric effect 2—4413
Li_2O-SiO_2 glass-ceramic, mech. props. rel. to crystallization 2—36140
$MgAl_2O_4$ and $MgAl_2O_4$-$CaZrO_4$, fracture energy determ. 2—29317
MgO:Ni,Fe,Co, and fibre reinforced, strength, fracture toughness 2—39814
MgO-Fe-Ni, fracture props., precip. effects 2—39842
MgO-$MgFe_2O_4$, fracture props., precip. effects 2—39842
MgO, and MgO-Fe_2O_3, solid solns., grain size distrib. and grain growth, calc. 2—29446
MgO, high temp. fatigue fracture initiation mechanism 2—29302
MgO, pulse electric strength, microstructure effects 2—13307
$Na_{0.88}Li_{0.12}NbO_3$-Li_2O, cryst. symm., lattice parameters, 293-783K, X-ray and thermal expansion obs. 2—32470
$Ni_3IB_7O_{13}$, opt. and chem. props. 2—15936
NiO-α-Fe_2O_3, fired mixtures, quantitative phase anal. 2—13014
(Pb,La) (Zr,Ti)O_3, optical and electro-optic props. 2—40616
(Pb,La) (Zr,Ti)O_3, pyroelec. props. 2—40366
(Pb,La)(Zr,Ti)O_3, ferroelec. domain switching 2—40355
(Pb,La)(Zr,Ti)O_3, linear electro-optic effect, modulator construct. 2—40354
Pb complex, lead zirconate titanate, piezoelectric u.s. interferometer, vel. meas. 2—23385
$PbNb_2O_6$-$BaNb_2O_6$ system, dielec., piezoelec., and pyroelec. props. 2—29739
PbO, photocond., spectral depend. 2—36611
$PbTiO_3$ effect of additives on piezoelec. and related props. 2—36599
Pb(Zr,Ti)O_3, La subst. electrooptical wavelength selection device for rhodamine 6G dye laser 2—14425
Pb(Zr,Ti)O_3 plate, surface elastic wave propagation characts. 2—29531
Pb(Zr,Ti)O_3 transducer, electromechanical coupling coeffs. 2—13326
$PbZrO_3$-$PbTiO_3$, sintering, calcining temp. effects 2—39953
$Pb(Zr_{1-x}Ti_x)O_3$:Nb_2O_5, cond. mechanisms rel. to oxygen activity and Ti conc. 2—4275
$Pb(Zr_{0.65}Ti_{0.35})O_3$ with Nb_2O_5, oxygen depleted surface layers, ferroelec. field effect 2—40357
$Pb(Zr_xTi_{1-x})O_3$, electromech. activity, morphotropic phase boundary 2—4280
Pb(Zr.Ti)O_3, mech. quality factor, impurity effects 2—13325
Pb(Zr.Ti)O_3 ceramic/Ge wafer layers, surface acousto-electric amplification 2—19677
Si powder compact, nitriding, N_2 diffusion process 2—39961
SiC, fracture energy determ. 2—29317
SiC, impact strength determ., drop weight test method 2—29443
β-Si_3N_4, dislocation generation 2—19102
(Sr, Ba)TiO_3, with boundary layer struct. for h.f. applic. 2—40346
$SrTiO_3$, energy storage capabilities 2—33049
$SrTiO_3$ glass-ceramics, device applics. 2—40358
TiC-Ni alloy, sintering optimization 2—9777
TiO_2-Nb_2O_5 electrical properties influence of Nb_2O_5 percentage 2—6793
UC, nuclear fuel, creep, neutron irrad. effects 2—29274
UN, nuclear fuel, creep, neutron irrad. effects 2—29274
UO_2, in H_2 atmosphere, thermal etch figure 2—28997
UO_2, nuclear fuel, creep neutron irrad. effects 2—29274
UO_2 and (U,Pu)O_2 reactor fuel, in-pile thermal cond. meas. 2—18266
WC-Co, hard alloy cermet, Co melt redistribution process 2—32736
WC cermets, Co bonded, cavitation erosion resist. 2—22298
WC_x, powder prep. by freeze drying 2—29447
ZrO-Nb_2O_5 semiconductor, electrical properties influence of Nb_2O_5 percentage 2—6793
ZrO_2, milled zirconia, monoclinic-tetragonal transformation, particle size effects 2—29484
ZrO_2, nonstoichiometric, thermogravimetric data, rel. to carrier conc. 2—29448

Cerenkov radiation *see Cherenkov radiation*

Cerium
adsorbed layer on W tip, electromigration 2—6388
atom, hyperfine structure of 6p $^2P_{3/2}$ level redetermined by zero field optical double resonance method, deduced g_J factor 2—24339
α-Ce, low temp. mag. props. 2—19825
diffusion, at Au and Ag solute in f.c.c. γ-phase and b.c.c δ-phase 2—29215
electronic phase transitions with symmetry change 2—15955
glass activation, borate, silicate and borosilicate, stability to flow of accelerated electrons 2—36957
impurities in alloys, Kondo effect, cryst. field influence 2—40403
phase transform., α-γ, f-bandwidth effects 2—19295
self diffusion, Arrhenius law 2—12801
self-diffusion in b.c.c. cubic cryst. 2—3821
self-diffusion in f.c.c. γ- and b.c.c. δ-phases 2—3822
soft x-ray absorpt. and photoemission obs. by electronic energy states 2—22791
superconductivity, press. depend. 2—29639
CaF_2:Ce:Mn, cathode ray coloration 2—12787
CaF_2:Ce:Mn, cathodoluminesc. 2—13518
α-Ce, positron annihilation ang. correl., electronic struct. 2—25758
Ce IV, optical isotope shifts, screening effects 2—586
Ce V and Ce VI, resonance lines 2—28189
Ce^{3+}, accurate numerical Hartree Fock self consistent field wave functions 2—35134
Ce^{3+}, in MBO_3, M=Sc, In, and Lu, calcite type cryst., 4f- 5d transitions studied, luminescence obs. 2—29962

Cerium continued
Ce^{3+}, in Sr_2SiS_4 or Ba_3SiS_4, cathodoluminescence 2—10451
Ce^{3+}, in thiogallate phosphor, MGa_2S_4, luminesc. and struct. 2—26234
Ce^{3+} in $La_2Mg_3(NO_3)_{12}$:Ce^{3+}, phonon bottleneck and cross-relax. 2—10268
Ce^{3+} in $La_2Mg_3(NO_3)_{12}$, conc. depend. Orbach relax. rates 2—10266
^{139}Ce and ^{141}Ce calibration sources, X/γ ratio using a CsI(Tl) X-ray detector 2—24068
YBO_3:Ce, cathodoluminescence props. rel. to Ce conc. 2—4518

Cerium compounds
alloy, supercond., press. depend. 2—29639
intermetallic, low temperature resistivity meas. interpreted in terms of Kondo effect 2—40167
oxides, nonstoichiometric, magnetic susceptibilities meas. 2—29794
$[Ce(C_7H_3NO_4)]Na_3.15H_2O$ complex alternative low temperature material, magnetic specific heat and susceptibility 2—13385
CMN, ground state predicted, complete solution to Luttinger and Tisza's method 2—10236
Ce-Al alloy, n.m.r. obs., temp. regulation devices, 95-475 K 2—14351
Ce-Fe-B system, phase diagram and intermediate phase study 2—29491
Ce-Ge system, phase diagram and existence of germanides 2—9832
Ce-La, alloys, supercond., sp. ht., Fermi surface obs. 2—19578
Ce-La alloy, high press. elec. resist. rel. to phase transform. 2—32775
Ce-Rh alloys, Ce_3Rh, Ce_7Rh_3 and $CeRh_3$ phases, cryst. struct. 2—22161
Ce-Th alloys magnetic transitions, susceptibility study 2—1594
Ce complex, cerium tris-2,2,6,6- tetramethyl-3,5-heptanedione, vibrational spectra 2—18441
CeAg, divergent mag. coeff. of resist. at T_c 2—6758
$CeAl_{2(3)}$, elec. resist. temp. depend. 2—40405
$CeAl_x$, mag. susceptibility and n.m.r. obs., electronic contribs. 2—7134
CeC_2, vaporization and surface ionization 2—35840
$CeCo_5$-H, press. comp. isotherms, X-ray diffr. and mag. meas. 2—32774
$CeCrSe_3$, elec. props., semicond. behaviour 2—10029
CeD_x, nonstoichiometric, interstitial and vacancy obs., order-disorder transition 2—25387
Ce_2Fe_{17}, ferro-helimag. transition 2—26034
$CeGeO_4$, thermal expansion, rel. to cryst. chemistry 2—22430
CeH_x moderator, neutron thermalization 2—31613
$CeIn_3$, sp. ht. obs. 1.5-4.2K 2—16036
$Ce_{1-x}La_x$ alloys, α—γ electronic phase transitions 2—19507
$Ce_{1-x}La_xAl_3$, low temp. spedific ht. meas., cryst. field splitting data 2—1432
$Ce_xLa_{1-x}Pd_3$, sp. ht. and Kondo effect 2—19832
$Ce_xLa_{1-x}Pd_3$ alloy, Kondo resistivity, crystalline elec. field effects 2—13112
$Ce_2Mg_3(NO_3)_{12}.12H_2O$ thermometry scheme, calibration below 1 K 2—20774
$CeMg_3(NO_3)_{12}.24H_2O$, crystal growth, large single, flawless high purity orientated cylinders, apparatus and technique 2—35945
$CeNi_5$, sp. ht. obs., 1.6-4K 2—16037
CeO_{2-x}, oxygen transport and effects on structure 2—10623
CeO_2, spin-lattice interaction for Gd^{3+}, temp. depend. 2—26277
$CeO_2.TeO_3.4.5H_2O$, prep., i.r. spectrum and thermal stability 2—29079
$Ce_2O_3.2TeO_3.10H_2O$, prep., X-ray study and thermal stability 2—29079
$CeP_3O_9.3H_2O$, prep. and X-ray exam. 2—15724
$CePb_3$, magnetic props., temp. range 2.8-300K 2—4346
$CePd_3$, mag. props. 2—19829
$Ce_{1-x}Pr_xO_2$, mag. moments determ. 2—33115
$CePt_2$, low temp. heat capacity and mag. susceptibility 2—22424
$CeRu_2$, supercond., tunnelling using Ge-barriers 2—40204
$CeRu_2$ and mixed crysts., prep. and supercond. props. 2—19579
$CeRu_{2-x}Co_x$ dil. alloys, supercond. T_c depression and mag. susceptibility 2—1495
$CeSn_3$, mag. ordering absence from n.m.r. obs. 2—6941
$Ce_xY_{1-x}Al_3$, n.m.r. and mag. susceptibility 2—16658
$Ce_xY_{1-x}Al_3$, temperature dependence of NMR line-width, Knight shift and magnetic susceptibility meas. between 100 and 1100 K 2—26300
$CeZn_2$, study of ferromagnetic - antiferromagnetic transition below 7.5 K 2—36758
Co-Ce alloys, liq., local mag. moment of Ce 2—6244
Co-Fe-Cu-Ce alloy, permanent magnet, directional solidification 2—25594
La-Ce dil. alloys, spin lattice relax. of ^{139}La 2—36786
La-Ce dilute alloys, Kondon effect, use of Coqblin-Schrieffer exchange interaction 2—1465
La-Ce dilute system, temp. depend. of spin-flip scatt., determ. from H_{c2} 2—29620
La-Ce kondo system, eqn. of state 2—40407
Nb-Al-Ce alloy, hardness rel. to comp. and annealing 2—4021
$PrIn_3$, sp. ht. obs. 1.5-4.2K, electron-phonon enhancement factors 2—16036
ThCe alloys, (2-8 at.%Ce), resistivity and thermopower, impurity contribs., models 2—13113
U-C-Ce, lattice parameters, solubility limits, phase diagrams 2—9838
Y-Ce dil. alloys, of ^{89}Y, h.f.s., Kondo effect role 2—13555
Y-Ce dilute alloys, Kondo effect, use of Coqblin- Schrieffer exchange interaction 2—1465

Cermets *see Ceramics; Metals*

Change of state *see Boiling; Condensation; Freezing; Melting; Phase transformations; Sublimation; Vaporization*

Channelling
alkali halide, protons and He^+ ions 2—3754
atomic collisions in solids IV-physics of channelling and related phenomena, conference Gausdal, Norway, Sept. (1971) 2—36379
axial, integral eqn., transverse energy depth change, calcs. 2—36381
bound states of swift negative particles in crysts. 2—25698
cascade displacement number formula modification 2—9903
critical angle for axial proton channelling, temp. depend. 2—29571
crystal target, of charged particles, target chamber 2—36378
dechannelling by stacking faults and dislocations 2—40100
deuterons in monocrystalline Ni foil, polarization 2—34363
diatomic crystals, depth and temperature dependence of channeling effect 2—32863
electron, in Kikuchi patterns 2—9399
electron-single cryst. interaction, ergodic approach 2—22438
electrons, rel. to electron diffr. 2—35969
flux enhancement, rel. to lattice site location, computer calcs. 2—36380
goniometer using stepper motors 2—25283
high energy-resolution scattering measurements 2—29572
ice, of 100 keV protons, surface struct. obs. 2—35871

Channelling continued
interstitial impurity location technique 2—36051
ion beam, abnormal stopping power 2—32861
lattice-directed trajectories, wave theory, classical limit 2—25700
lattice-directed trajectories, wave theory 2—22439
lattice-directed trajectories, wave theory 2—19476
light emission from ion beams excited by crysts. 2—15252
negative particle, analytical continuum approach and binary collision model 2—29576
phenomena obs. by pinhole camera 2—34566
α-quartz, of H^+, D^+ and $He_4{}^+$ 2—29579
scattering of channelled ions by electrons and lattice vibrations, theory 2—40099
semiconductor, ion implanted, radiation damage, Rutherford scatt. obs. 2—19068
semiconductor processing, analysis of surface layers on semiconductors and metal-semicond. contacts 2—25877
semiconductors, ion implantation, channelling effect meas. 2—36044
single crystal, apparatus for investigations using fast secondary ions 2—23554
Au, of O ions, rel. to emerging charge-state distribs., 4-40 MeV 2—36383
Au, structure in <110> spots on sputtered ejection patterns 2—6697
Au, surface semichannels, Ar ions scatt. 2—36384
Au thin crystals, effect on Rutherford scatt. yield of protons 2—40104
BaF$_2$, depth and temperature dependence of channelling effect studied by interactions of fast proton with sublattice 2—32863
BaF$_2$, of protons in $\langle 111 \rangle$ direction, comparison with CaF$_2$ 2—29574
BaTiO$_3$, cubic and tetragonal phases, of protons 2—29573
CaF$_2$, depth and temperature dependence of channelling effect studied by interactions of fast proton with sublattice 2—32863
CaF$_2$, of protons in $\langle 111 \rangle$ direction, comparison with BaF$_2$ 2—29574
CaF$_2$ single crystals, protons and He ions, energy range 0.67 to 4.00 MeV 2—9905
CdTe:Ga) (In), detector mat. evaluation by proton and X-ray channelling 2—36539
Cu:Au, of ions, interaction with substitutional and interstitial atoms 2—36050
Cu, of Cu$^+$, effect on defect cluster size and distrib. 2—1235
Cu, proton dechannelling, backscatt. and X-ray yield study 2—40106
Cu of heavy ions, critical angle determ. using charact. X-ray generation 2—29575
Fe, of heavy ions, ang. distrib. and critical angles 2—9907
GaP:Bi, hot-implant behaviour 2—25432
Ge, effects of thermal vibrs. and impurity atoms 2—40108
Ge, of ion beams, minimum yield temp. depend. 2—13063
Ge, thin cryst., angular distrib., continuum picture 2—36386
KCl, of low energy alkali ions, ion scatt. 2—36391
KCl, proton irrad., effect on defect formation 2—19130
KI, proton irrad., effect on defect formation 2—19130
^{85}Kr, in GaAs, investigation of flux dependence of ion implantation damage 2—25369
LiF, proton irrad., effect on defect formation 2—19130
MgO, of 20 MeV electrons, rosette motion and string scatt. 2—29576
MgO, protons and He$^+$ ions 2—3754
Mo, of low energy alkali ions, ion scatt. 2—36391
NaCl, proton irrad., effect on defect formation 2—19130
NaF, proton irrad., effect on defect formation 2—19130
Nb, of 300 keV deuterons, particle flux, energy peaking, computer simulation 2—36385
Nb, proton dechannelling, min. yield 2—40109
SfR$_2$, protons and He$^+$ ions 2—3754
Si:As, of He ions, beam effects in lattice location obs. 2—32550
Si:P ion implanted, 30-600 keV, $\langle 100 \rangle$, $\langle 111 \rangle$, and $\langle 110 \rangle$ directions 2—19111
Si:P ion implanted, rel. to non-Gaussian distrib. 2—25437
Si:Sb,O ion implanted, proton channelling measurement of lattice disorder 2—25376
Si:Yb, of He ions, backscatt., flux peaking, energy and depth depend. 2—36054
Si:Yb ion implanted, atom location, flux peaking 2—25435
Si, back-scattering of fast protons 2—22441
Si, backscatt. spectra of mol. hydrogen ions 2—9908
Si, dechannelling of protons, channelled fraction rel. to penetration depth calcs. 2—36389
Si, dechannelling of protons and He ions, backscatt. obs. 2—36388
Si, effects of thermal vibrs. and impurity atoms 2—40108
Si, ion implanted, struct. differences in light and heavy ion disorder obs. 2—25378
Si, light ion channelling, energy loss determ. 2—40118
Si, of ^{4}He ions, random spectrum defined 2—25715
Si, of B ions, distrib. detn. and related to annealing behaviour 2—25427
Si, of H$^+$ and D$^+$, quantum effects, backscatt. obs. 2—36387
Si, of ion beams, minimum yield temp. depend. 2—13063
Si, of P ions, deep localized energy levels formed 2—25870
Si, of P ions, profiles and elec. activity 2—25866
Si, of protons, ion implantation damage study 2—22182
Si, proton dechannelling, channelled fraction rel. to penetration depth calcs. 2—36389
Si, thin cryst., angular distrib., continuum picture 2—36386
Si, transmission electron channelling patterns 2—9490
Si crystal, P ion implanted, profiles, calc. 2—25426
Si epitaxial layer, crystal imperfections detn. 2—19084
Si overlaid with amorphous films, scatt. influence on He$^+$ channelling 2—4092
Si thin crystal, of positrons 2—29580
Si thin crystal, of supercollimated beam of H$^-$ ions 2—22436
Si thin crystals, stopping power of energetic He ions 2—40117
W, dechannelling of MeV protons, 77-873K 2—36392
W, dechannelling of protons, channelled fraction rel. to penetration depth calcs. 2—36389
W, of low energy alkali ions, ion scatt. 2—36391
W, proton dechannelling, channelled fraction rel. to penetration depth calcs. 2—36389
ZnO, coloured, ion beam, interstitial Zn conc. detn. 2—19094
Characteristic temperature *see Specific heat*
Charcoal *see Carbon*
Charge *see Electric charge*
Charge carriers *see Crystal electron states; Semiconducting materials; Semiconductors*

Charge compensation
Au and alloys, charge flow and d-level compensation 2—4113
GeO$_2$, e.p.r. of Mo^{5+}, due to excess oxygen 2—33339
KZnF$_3$:Fe, Fe^{3+} (K$^+$ vacancy) centre obs. 2—36986

Charge exchange
accelerators, multiple stage, heavy ions 2—5606
alkali halides with s^2 ions, charge transfer effects on optical transitions 2—33230
anthracene crystal metal interface, exciton reaction 2—3490
anthracene crystal/electrolyte solution interface, quenching of excited states 2—26242
asymmetric, pseudocrossing of energy levels 2—18340
atom-ion collision, charge transfer process 2—8473
atomic collisions, Pradhan impulse approx. 2—24371
atomic collisions, scattering amplitude to first order of three body expansion 2—24374
atoms, high energy processes, validity of Pradhan impulse approx. 2—5823
benzene mol. ion, prod. by charge exchange dissoc. lifetime 2—24513
benzonitrile mol. ion, prod. by charge exchange dissoc. lifetime 2—24513
binary alloys, mechanism for arbitrary concentration 2—9765
difluoroethylene isomeric mols. in charge transfer reactions with rare gas ions 2—35384
electron capture by protons incident on ground state targets, radiofrequency-optical method of study 2—5852
He^{++}, single charge transfer collisions with He, Ne, Ar, observed selection rule for exit channels 2—24409
heavy ions, multiply charged, excited in collision with light gas atoms, determ. of lifetimes 2—654
heavy ions 2—11990
high energy reactions, discussion of background due to bound protons in polarized target 2—34765
highly excited atoms and molecules, electron transfer 2—31879
hydrogen-bonded complexes, proton transfer, environment effects, dielectric obs. 2—8555
ions, fast multiply charged, passage through material, prohbability of electron capture into excited states 2—655
partial charge-transfer reactions at thermal energies, rate constants 2—26325
pion-nucleus scattering at intermediate energies calc. using Kisslinger optical potential 2—8350
Plexiglas, under electron beam bombardment 2—29760
proton beam spreading by charge exchange, depend. on atmospheric structure 2—30291
shell model, charge transfer mechanism, zincblende structures 2—22383
stilbene anion radical, electron transfer reaction with cis- and trans-stilbene, e.s.r. and u.v. study 2—37035
tetracyanoquinodimethane anthracene cryst. mol. complex. obs. of multiple C.T. transitions in polarized specular reflection spectra 2—13465
thiophene mol. ion, prod. by charge exchange dissoc. lifetime 2—24513
three-body atomic systems, electron transfer rearrangement collisions, determ. differential amd total cross section 2—28218
ZnS:Ni, between paramag. impurities, ion-hole complex form 2—29956
$K^+ \rightarrow K^0 p$, 10 GeV/c, cross sections determ. 2—14638
KN reactions, rel. to tests of exchange degeneracy and duality 2—17908
K*(890), production mechanism in $K^\pm N$ reactions 2—17956
$K^+ n \rightarrow k^+ \pi$-p, 9 GeV/c, K*(890) production 2—11631
μ^+ depolarization, transverse mag. field 2—21250
$\pi > 2$ GeV, double charge exchange on nuclei, Glauber theory 2—14995
πN scattering, polarization and sum rules in complex-Regge-pole model 2—14662
$\pi^- p \rightarrow \pi^0 n$, above 5 GeV, structure of absorptive Regge cuts 2—17943
Ar-H$_2$ and Ar-D$_2$ systems, high pressure pulsed electron impact source 2—18338
Ar$^+$-methane collisions, mechanism 2—659
Ar$^+$, collisions with CO, NO; O$_2$, cross sections in thermal and suprathermal range 2—658
Ar$^+$, collisions with N$_2$, CO, O$_2$, NO, rate coeff. meas. 2—5832
Ar$^+$ with N$_2$, O$_2$, CO and NO, obs. using ion injection drift tube 2—24838
B multiply charged ion beam passing through celluloid film, determ. of electron loss and capture cross section 2—1447
$^{10}B(\pi^+,\pi^0)^{10}C$ near (3,3) resonance, impulse approx. 2—8353
$^{11}B(\pi^+,\pi^0)^{11}C$ near (3,3) resonance, impulse approx. 2—8353
Be, multiply charged ion beam passing through celluloid film, determ. of electron loss and capture cross section 2—1447
Br$^-$ collisions, cross sections in energy range 300 to 3000 eV 2—5836
Br$_2$ and alkali atoms, adiabatic electron affinities 2—38898
C$^+$-CO collisions, electron transfer and ion-atom interchange 2—8478
C, collisional formation of excited C- 2—5835
CO$^+$, collision with Kr, cross sections in thermal and suprathermal range 2—658
CO$^+$ with O and NO, thermal energy reaction rate consts. 2—26329
$^{13}C(p,n)^{13}N_{gs}$, microscopic analysis including core polarization exchange process 2—11829
$^{13}C(\pi^+,\pi^0)^{13}N$ near (3,3) resonance, impulse approx. 2—8353
Cl$^-$ collisions, cross sections in energy range 300 to 3000 eV 2—5836
Cl$_2$ and alkali atoms, adiabatic electron affinities 2—38898
Cs, collisions with O atoms, theoret. study of cross section 2—691
Cs resonance cross section in plasma at 2 eV 2—18603
F ions, highly charged, N and Ar targets, report of interesting structure observed in velocity dependence of multiple electron capture 2—673
F ions passing through N$_2$ gas, 4-54 MeV, determ. electron-transfer cross sections 2—28221
Fe, ion formation by charge transfer 2—5840
Fe ions, in collisions with inert gas atoms, cross section meas. 2—5839
H$^+$-Cs, collisions, 0.5-2.5 keV, cross section for the production of H(2s) and H(2p) 2—5856
H$^+$-Cs collision, meas. fraction of H atoms in 2s state 2—5855
H$^+$-H, charge transfer collisions, production of highly excited states 2—5871
H-H$^+$, collision cross section calc. using Gaussian functions, electron capture process 2—650
H$^+$-H$_2$ collisions, validity of Franck-Condon principle for $H^+ \rightarrow H^-$ double charge transfer at low scattering angle 2—24399
H$^+$-K cross section meas. in energy range 150-8000 ev, applic. to plasma diagnostics 2—18343
H$^+$-Ne collisions, H(2p) and H(2s) formation, differenital charge transfer meas. 2—2993
H$^+$, collisions, in various gases in velocity range 2-5 × 10^{9}cm/sec, meas. of electron capture cross sections 2—718

Charge exchange continued
H^+, collisions with He, Ar, H_2, H(2s) formation, ang. distribution 2—2994
H^+, collisions with Na and Mg, two-electron capture 2—5870
H^+ with O and NO, thermal energy reaction rate consts. 2—26329
H_2, collisions with H^+, H, 1-30keV, cross section for emission of Lyman-alpha radiation 2—5872
H_2^+, x=1-3, collisions with He, Ar, N_2, H_2 targets, 75-1000keV formation of excited H atoms 2—5853
H—H collisions, continuum distorted wave calc. of cross section 2—5866
H^+—H, comparison between theory and experiment 2—5865
H+A, collisions, charge transfer and excitation reactions, ang. momentum distrib. 2—717
$H^+ + Ar \rightarrow H(2p) + He^+$ differential scattering meas. 2—702
$H^+ + Ar \rightarrow H(2s) + Ar^+$ electron capture probability meas. 2—2990
$H^+ + H \rightarrow H + H^+$, high energy, validity of Pradhan impulse approx. 2—5823
$H^+ + He \rightarrow H(2p) + He^+$ differential scattering meas. 2—702
$H^+ + He \rightarrow H(2s) + He^+$ electron capture probability meas. 2—2990
$H^- + O \rightarrow H + O^-$, non resonant charge transfer, cross section calc. 2—692
$H^+ + X$, X=Ar, Kr and Xe, cross sect. calc. in impact parameter approx. 2—716
He^+-CO_2 collision, dissociative charge exchange, differential cross section measurements 2—873
He^{2+}-He, collisions, electron capture and excitation, transition probabilities 2—694
He^+-N_2, small angle scatt., meas. from 0.50 to 3.00 keV 2—5888
He^{++}-Ne, differential inelastic scatt., cross section meas. and single charge exchange investigation 2—730
(He,H_2) collisions, 0.02-2MeV, determ. of cross sections for electron loss 2—739
(He,He) collisions, 0.02-2MeV, determ. of cross sections for electron loss 2—739
He, He^+, collisions with Mg and Pb, selection rule 2—5891
He^+, collisions at energies from 10 to 200 keV, formation of He metastables 2—5889
He^+, collisions with Na and Mg, two-electron capture 2—5870
He^++Alkali atom, near resonant charge exchange cross sect., prod. of He excited final states 2—738
$He^+ + CO_2$, dissociative charge exchange, differential meas. 2—31730
He^++H, radiative charge transfer, semi-classical and quantal calcs. of rate coefficients 2—12031
I ions, 10-75 MeV, transversing dense jet of CO_2, charge distribution meas. 2—3142
I ions passing through gases, 12 MeV, meas. of electron capture and loss cross section as test of additive rule 2—889
I^- collisions, cross sections in energy range 300 to 3000 eV 2—5836
I_2 and alkali atoms, adiabatic electron affinities 2—38898
IBr and alkali atoms, adiabatic electron affinities 2—38898
K, collisions with O atoms, theoret. study of cross section 2—691
K^-p, production of K^0 for measurement of decay branching ratio to 2π 2—11593
Kr^+-Kr, relative cross sections for $^2P_{1/2}$ and $^2P_{3/2}$ grapes 2—8480
Kr^+-methane collisions, mechanism 2—659
Kr, ionization cross sections following collisions with H^+, He^+ and Ne^+ at energies below 100 eV 2—24382
Kr^+, collisions with CO, NO, O_2, cross sections in thermal and suprathermal range 2—658
$Kr + Kr^+(^2P_j)$, collisions, cross sections for charge transfer and fine structure transitions 2—683
$Kr + Kr^+(^2P_j)$, collisions, cross sections for charge transfer and fine structure transitions 2—683
Li^+-He collisions, $600 \leqslant E \leqslant 2800$ eV structure of cross section, oscillation with changing ion energy 2—737
$M + N^{n+} \rightarrow M^+ + N^{(n-1)+}$, where N^{n+}=heavy ion, collision process, electron capture cross sections 2—651
$^{26}Mg(^6Li,^6He)^{26}Al$ reaction, meas. and DWBA analysis of ang. distributions 2—28085
N multiply charged ion beam passing through celluloid film, determ. of electron loss and capture cross section 2—1447
N_2, with Al^+ and Er^+, total cross sections 2—6011
N_2^+, charge transfer excitation of first negative 3914 Å band by protons, photon-particle coincidence meas. 2—809
NO_2 and alkali atoms, adiabatic electron affinities 2—38898
N^+—O_2, rate coeff. meas. 2—5832
$N^+ + N_2 \rightarrow N_2^+ + N$, apparent charge exchange reaction, cross section meas. 2—685
Na^+-Na charge transfer cross section calc. obs. of oscillations 2—24378
Na^+-O- collisions, mutual neutralization cross section, meas. with superimposed beams 2—688
Na, charge transfer cross-section measured for various ions, 1-500 eV 2—35162
Na, collisions with O atoms, theoret. study of cross section 2—691
Na^+—Na resonance charge transfer, cross section calc. from Na_2^+ potential curves 2—3055
$Na^+ + Li \rightleftharpoons Na + Li^+$, cross sections for nonresonant charge capture in energy range 100 eV to 12 keV 2—24388
O, collisions with Na, K. Rb, Cs, theoret. study of cross sections 2—691
O, multiply charged ion beam passing through celluloid film, determ. of electron loss and capture cross section 2—1447
O_2, electron affinity from energy thresholds for negative-ion electron transfer reactions 2—5945
O_2, endothermic negative-ion reactions, electron affinity meas. 2—8863
O_2 and alkali atoms, adiabatic electron affinities 2—38898
$O^+ + N_2 \rightarrow O + N_2^+$, collisional, effects of metastable $O^+(^2D)$ 2—8482
Pb/SF_6 film, elec. conduction obs. 2—20173
Rb, collisions with alkali metal ions, cross sections 2—2981
Rb, collisions with O atoms, theoret. study of cross section 2—691
Si, collisional formation of excited Si- 2—5835
U ions, traversing He, Ar, Kr, Xe, H_2, N_2, O_2 gases and C and Au foils, 2-15 MeV, equilibium charge state distribution determ. 2—675
$X^+ + Y^- \rightarrow X^* + Y$, cross section meas., relative movement trajectory of colliding ions 2—652
Xe-H^+ collisions, 15 eV, possibility of producing spin polarized H atoms 2—5867
Xe^+-Xe, relative cross sections for $^2P_{1/2}$ and $^2P_{3/2}$ grapes 2—8480
Xe^+-methane collisions, mechanism 2—659
Xe, ionization, cross sections following collisions with H^+, He^+ and Ne^+ at energies below 100 eV 2—24382
$^{91}Zr(\pi^+,\pi^0)^{91}Nb$, single charge exchange obs. by detecting decay proton from $^{91}Nb^*$, determ. cross section at 30 MeV 2—18215

Chelates *see Molecules; Organic compounds. For inorganic chelates see under metal compound headings*

Chemical analysis
see also Electron probe analysis; Spectrochemical analysis
Auger spectroscopy, method for comp. determ. of glass surfaces 2—29003
Auger spectroscopy of metal surfaces, distinction between adsorbed sulphur and sulphides 2—39557
automatic meas. of waterfoil ratio by n.m.r. impulse method 2—10652
burn-up, nuclear data requirements for det. by chemical means 2—552
Crits ring test for trace surfactants in water 2—1764
electron spectroscopy, material analysis, applic. to glass research 2—22141
using flames, trace metals disolved in organic compounds 2—1763
gamma spectrometric analysis, GAMANAL computer program 2—21407
gas, with latest equipment 2—26379
glass and raw materials, electron beam analysis, particular ref. to Na and F 2—22899
inorganic materials for quantum electronics 2—4604
ion microprobe mass analyser 2—20210
ion probe, ultramicro obs. 2—7195
isotope abundance ratio, n.m.r. satellite lines 2—5906
laser microprobe analysis 2—10654
metal-semiconductor contact, backscattering and channelling analysis 2—25877
meteorites, Ni, Co, P and C content 2—11020
microanalytical, h.f. fluid conductivity meas. 2—4602
minerals of three cores from the East Pacific Rise 2—16751
Mossbauer and γ-ray spectra evaluation, ALGOL 60 programs 2—30105
Mossbauer spectroscopy applications to chemical engineering 2—1666
by neutron resonance method, high B conc. determ. 2—30128
organic vapours and aerosols in air, flame ionization detector 2—22890
rare metals and semiconductor materials group concentration of impurities for anal. 2—20205
sample preparation for det. of ^{239}Pu, ^{241}Am and ^{242}Cm by liquid scintillation counting 2—14039
semiconductor, trace analysis emphasis on impurity distribution 2—30098
steel, high-speed, complex carbide precip. 2—29392
surface, low energy ion refl. technique 2—32331
surface, low energy ion scatt. technique 2—32330
surface chem. profiles, Auger spectroscopy, inert gas sputtering 2—39452
surface layers on semiconductor, backscattering and channelling analysis 2—25877
transition metal, combined Auger and charact. loss spectra obs. 2—3484
weld metal, surface structure 2—36222
Au, by inverse voltamperometry on graphite electrode 2—20206
Au coins, inclusions identification using laser microprobe 2—22901
$Ba_2Na_{1-x}Li_xNb_5O_{15}$, ferroelectric rel. to cryst. growth and dielec. props. 2—29097
CO_2 monitoring in air using coulometric method, photosynthesis obs. 2—4607
Fe-Cr-Mn, electron probe microanalysis, 750-950°C, phase diagram calc. 2—6645
Fe-Mo alloy, nitrided, FIM determ. of precipitate comp. 2—12969
Fe—(1.4at.%)Cu alloy, annealing, clustering, precipitation, atom probe field ion microscopy 2—3960
H atoms, TiO_2 chemisorption probes 2—30106
H_2 conc. in air, monitoring, MoO_3 applic. 2—26380
H_2S concentration in the Black Sea, a photometric method of determination 2—13664
He-N_2 mixtures, discharge, cataphoresis and nitrogen- removal processes 2—12466
Nb, surface, morphology, purity meas. 2—39462
Nb phase in low C steel 2—1741
Nd_2O_3-ZrO_2 system, solid soln. and compound formation 2—29495
Ni-Ti, alloy, fractional determ. of TiO, TiN, TiC 2—30110
NiO-α-Fe_2O_3 fired mixtures, DTA, quantitative phase anal. 2—13014
^{226}Ra, det. of ^{227}Ac and ^{228}Th isotopes formed during irradiation in SM-2 reactor 2—40836
U and Pu potentiometric determination in mixed oxides 2—30104
UN, $UN_{1.572}$ and unsintered powder 2—26381
^{235}U, det. of content in spent MTR type fuel elements, using delayed neutron yield technique 2—38748
adsorption
see also Chromatography
complex formation and structure obs. on chemisorption of gases on clean Si and Ge surfaces 2—10619
by mass spectrometry
see also Mass spectrometers/applications
atom probe field ion microscopy, time-of-flight spectrometer combination 2—3960
biomedical problems tackled by chemical ionization 2—17121
cryopumped ion-bombardment ion source for trace analysis of solids 2—10655
field ion emitters, optimum parameters for various analyses 2—31635
field- ionization type, surface applics., review 2—38785
film, gas analysis by laser induced evaporation 2—22067
flame and flame-retardant analysis, high pressure mass spectrometric sampling system 2—33392
gas chromatograph-mass spectrometer detector, use of mass spectrometer simulation 2—20211
gas chromatography-mass spectrometry, digital computer system for inline analysis of multiple ion intensities 2—22891
ion analyzer, applic. to air particulates and thin film specimens 2—16693
ion current multi-channel scaling, for small samples 2—2912
ion cyclotron resonance spectrometry, digital computer techniques 2—26382
ion microprobe coupled with SEM, for surface analysis 2—16695
ion microprobes for investigation of solid substances, state of development 2—30107
ion probe spectrometer, energy selector, trace components detectable limit improvement 2—11927
isotopic, use of admission system of mass spectrometer 2—37062
Martian surface and atmosphere, proposed expt. for anal. of organic constituents and water content, Viking Mission 2—30568
metals gaseous impurity, isotope dilution method 2—10656
organic and inorganic, high- resolution mass spectrometer 2—38779
organic compound structure, computerized system 2—33391
plasma, ion molecule reactor combined with ion drift mass spectrometer 2—18275
quadrupole, for mass range up to 300 amu 2—35111

- **Chemical analysis** continued
  - **by mass spectrometry** continued
    - residual gas in u.h. vac. systems 2—21482
    - semiconducting materials, spark source mass spectrometric impurity analysis 2—16691
    - semiconductor materials, characterization of doping and process impurities 2—16696
    - sputter ion mass spectrometers, sensitivity 2—565
    - surface and bulk solids, applic. of ion microprobe analyzers 2—20217
    - surface layers, thin combination with r.f. glow-discharge sputtering 2—9232
    - surface reactions, statical method of secondary ion mass spectroscopy 2—13594
    - time-of-flight residual gas analyzer and surface monitor 2—37063
    - GaAs films, n and n^+ type, homoepitaxial, impurity obs. 2—16694
    - H/D ratio, precision measurement 2—20208
    - O in solids isotopic analysis using hollow cathode discharge 2—16697
    - $^{33}S/^{32}S$, $^{34}S/^{32}S$, $^{36}S/^{32}S$ in Apollo 12 samples 2—17027
    - Ta film, anodization, impurity distrib., ion microprobe mass spectrometric obs. 2—22879
    - Ti(s,β), sublimation, standard enthalpy change, Knudsen n.p. determ., mass spectrometric analysis 2—18890
  - **by nuclear reactions**
    - activation analysis, compound selection algorithm 2—26386
    - activation measured optimisation 2—26387
    - anomalous water, neutron activation analysis 2—28787
    - asbestos, composition of blended samples by neutron activation analysis 2—7199
    - blood, Co determ., neutron activation anal. method 2—20220
    - charged particle activation analysis, selective counting using Cherenov detector 2—40860
    - crystallographic and solid-state applications 2—39599
    - elastic scattering of intermediate mass projectiles for elemental composition 2—10682
    - graphites, nuclear, impurities determ. by instrumental activation analysis 2—7201
    - Luna 16 soil, neutron activation analysis of 29 elements 2—20663
    - microanalysis of Si and S in GaSb by direct obs. of resonant reactions 2—10681
    - neutron activation, computer- coupled Ge(Li) spectroscopy 2—26388
    - neutron activation, conditions for selective source activation of Al in presence of Si using Pu-Be source 2—22902
    - neutron activation, trace elements in ruby laser crystals 2—30126
    - neutron activation anal.. applic. of low power nuclear reactor 2—38736
    - neutron activation anal.. det. of trace elements in tissue 2—41291
    - neutron activation anal., vector anal. of time-dependent γ-ray spectra 2—40862
    - neutron activation analysis in vivo for whole-body Ca det. 2—26956
    - neutron activation using alternating irradiation regimes method for det. of Al,Mg and Na in pyrographite 2—40861
    - neutron flux monitoring in activation analysis, use of Fe foils 2—28157
    - Pacific Ocean floor samples, fission track anal. of U in Mn 2—37101
    - precision limits, Poisson counting statistics 2—40858
    - proton activation, low energy, applic. to light element det. 2—20219
    - semiconductors, neutron activation, review 2—16715
    - thin surface layers, α-particle scattering technique 2—4623
    - Ar, atmospheric, neutron activation analysis for ^{37}Ar contamination 2—7319
    - $^{10}B(n, \alpha)^7Li$, autoradiographic method for B content. determ. 2—16713
    - C in body, total content det. by fast neutron activation analysis 2—20718
    - C in body, total content det. by fast neutron activation analysis 2—20718
    - Eu isotopes, neutron activation analyis using neutrons from $^9Be(\gamma,n)^8Be$ 2—1767
    - Fe, highly purified, detect. of trace quantities of C, N and O 2—40859
    - Fe powder, oxygen content determ. by neutron activation anal. 2—16716
    - H trace element analysis, nondestructive determ. 2—10680
    - Hg, environmental traces, semiconductor detector optimization 2—30127
    - In isotopes, neutron activation analysis using neutrons from $^9Be(\gamma,n)^8Be$ 2—1767
    - Ir isotopes, neutron activation analysis using neutrons from $^9Be(\gamma,n)^8Be$ 2—1767
    - K neutron activation, analysis, solid rocket propellants 2—1772
    - $^6Li(n,\alpha)^3H$, det. of Li content in solids without destroying sample 2—33393
    - Lu isotopes, neutron activation analysis using neutrons from $^9Be(\gamma,n)^8Be$ 2—1767
    - N in body, total content det. by fast neutron activation analysis 2—20718
    - Na neutron activation, analysis, solid rocket propellants 2—1772
    - Pt, neutron activation analysis in biological tissue by analysis of daughter ^{199}Au 2—10678
    - S assaying by proton activation analysis using $^{32}S(p,n)^{32}Cl$ reaction and Cherenkov detection of emitted positron 2—37070
    - Si, lighter impurities on, by 90° forward ion scattering through thin targets 2—16714
    - Ta film, sputtered on Si. struct. and comp. 2—32381
  - **electrochemical**
    - electron spectroscopy, review 2—31750
    - gases, water traces, continuous det. with electrolytic measuring cell 2—1766
    - impurity concentration by amalgam polarographic method 2—4603
    - polarograph, sensing element with rotating platinum anode 2—30101
    - Al welded joints, method for investigating electrochemical heterogeneity 2—29419
    - H_2 gas, det. of trace impurities of water vapour using solid electrolyte O_2 gauge 2—33390
  - **radioactive**
    - *see also Radiochemistry*
    - biological tissues, radioassay of ^{14}C and ^3H by modified plastic bag combustion technique 2—14040
    - isotope identification using paper chromatography and gamma-ray spectra 2—10679
    - laboratory γ spectroscopy and solid-state detectors 2—7197
    - neutron activation analysis for Mn and Zn det. in human skin biopsies 2—41304
    - semiconducting thermoelectric material impurity distribution 2—30125
    - B in various matrices, using nuclear track technique 2—7200
    - Ca, total body, meas. and control of dose equivalent in in vivo neutron activation analysis 2—41305
    - ^3H detection, det. of efficiency of NTB nuclear track emulsions 2—5603
    - Li in various matrices using nuclear track techniques 2—7200
    - N_2 in various matrices using nuclear track technique 2—7200
- **Chemical analysis** continued
  - **radioactive** continued
    - Th in various matrices using nuclear track technique 2—7200
    - U and Th in H_2SO_4 solutions, simultaneous det. by gamma spectrometry 2—40857
    - U det. in ore samples by radioisotope-excited X-ray fluorescence 2—7198
    - U in various matrices using nuclear track technique 2—7200
  - **X-ray**
    - *see also X-ray examination of materials*
    - differential Ross filters, prep. by pressing powdered materials with filters 2—7194
    - energy dispersive X-ray spectrometer/scanning electron microscope combination, computer programme for plotting 2—22900
    - fluorescence analyser, non-dispersive, isotope source fluoresc. X-ray excitation 2—10674
    - fluorescence intensities, effect of scatt. 2—30121
    - fluorescent analysis using energy dispersive X-ray spectroscopy 2—22901
    - geochemical sample, mass absorpt., factor mathematical approach 2—10676
    - heavy elements, by isotope excited K X-ray fluorescence 2—13602
    - high resolution spectrometer applic. 2—41420
    - iron ore, fluorescence spectrometry 2—10675
    - microanalysis combined with high resolution electron microscopy 2—9410
    - polycrystalline metals, study of scattered electrons in X-ray spectral microanalysis 2—26385
    - quantitative analysis, tertiary excitation 2—30123
    - using scanning electron microscope, high spatial resolution microanalysis of thin specimens 2—39616
    - using scanning electron microscope, resolution and sensitivity of X-ray microanalysis in biological sections 2—39617
    - scanning electron microscope with solid state X-ray detector 2—3678
    - by scanning electron microscope X-ray emission analysis 2—19030
    - spectrochemical, detection limits improvement using double-crystal spectrometer 2—4612
    - spectrochemical, detection limits rel. to spectrometer parameters 2—4610
    - spectrochemical, optimum spectrometer parameters rel. to detection limits 2—4611
    - steel, Cr-Mo, identification of precipitates 2—9770
    - thin films, characteristic radiation excitation by radiation from substrate 2—30122
    - using transmission electron microscope resolution and sensitivity of X-ray microanalysis in biological sections 2—39617
    - X-ray fluorescence spectrometry, computer aided data handling 2—10677
    - Al, angular distribution of backscattered inelastic electrons in X-ray spectral microanalysis, 3-30 keV 2—26384
    - Cu, angular distribution of backscattered inelastic electron in X-ray spectral microanalysis, 3-30 keV 2—26384
    - for Fe and Mo, effect of energy of exciting protons on ratio of intensities of characteristic and scattered radiation 2—40854
    - Ga-P-Zn, diffusion source, microprobe analysis, window effect 2—9586
    - Ta film, sputtered on Si, struct. and comp. 2—32381
    - Ta oxide films on Ta substrate. O_2 conc. 2—12670
    - U in U_3O_8 by emission spectroscopy 2—30116
    - W, angular distribution of backscattered inelastic electron in X-ray spectral microanalysis, 3-30 keV 2—26384
    - WC-C cemented carbides, quantitative analysis using X-ray and scanning electron microscope 2—4620
- **Chemical effects of radiations**
  - *see also Nuclear reactions and scattering/chemical effects; Photochemistry*
  - alkali halides, u.v. and pulse irradiated, heavy atom effects on electronic processes 2—26370
  - anthracene, effect of γ-ray induced impurities on semiconductive behaviour 2—19614
  - cobalt (III) complexes, emission spectra of ^{57}Co following electron capture 2—19975
  - diamond, induced by heavy particle bombardment 2—20202
  - dianthracene anion radical, in γ-irradiated rigid ethereal solutions at 77K, absorption spectra 2—24502
  - frozen aqueous solutions, angular correlation of annihilation photons 2—26367
  - ion recombination in Coulomb field presence of a scavenger 2—26371
  - iron chelates irradiated with electrons, Mossbauer absorption spectra meas. autoradiolysis mechanism present 2—19975
  - DL-leucine, inhibition of positronium formation, after γ-irradiation 2—22888
  - leuco crystal violet, radiolytic oxidation, dosimeter for γ-rays 2—16689
  - 2- methyltetrahydrofuran irradiated glasses, study of trapped electron 2—26377
  - 5-nitrouracil, e.s.r. study of iminoxy radical formed by γ-radiation 2—10651
  - p-n junction formation by in-pile irradiation doping of Si^{30} 2—13280
  - photochemical reactions in ionosphere, study with air release instrument and r.f. mass spectrometer 2—13764
  - pimelic acid single crystal, secondary processes caused by irradiation studied by e.s.r. technique 2—40835
  - polyvinyl chloride solutions, gamma irradiation induced branching, viscosity obs. 2—18804
  - radiothermoluminescence and analysis of structure of polymers 2—37061
  - solids, effect of r.f. irradiation on n.m.r. lines, rates of dipolar and Zeeman energy creation 2—7127
  - $KF.2(4)H_2O$, γ-irrad., colour centre formation 2—1264
  - K_2SO_4, SO_4 radical obs. using e.p.r. 2—26375
  - $Li_2SO_4.H_2O$, SO_4 radical obs. using e.p.r. 2—26375
  - Na_2SO_4, SO_4 radical obs. using e.p.r. 2—26375
  - **acoustic waves**
    - No entries
  - **ionizing radiations**
    - alcohol glasses, radiolysis and electron trapping 2—13593
    - amino acids, γ-irrad., polymorphic transform. 2—7187
    - α-aminoisobutyric acid, single crystal irradiated by γ rays at 77 K, identification of cation radical from e.s.r. spectra 2—22885
    - anthracene, soln. in benzene, pulse radiolysis, i.r. absorpt. study 2—20203
    - barbituric acid and its 2-thio derivative, comparison between radicals formed by radiation, e.s.r. study 2—21662
    - cyclohexane, solid and liq., ionization cond., temp. and elec. field depend. 2—7188
    - dipeptides, γ-irrad., polymorphic transform. 2—7187

Chemical effects of radiations continued
ionizing radiations continued
ethane liquid, γ-irradiated, molec. structure effect on electron reaction kinetics 2—10649
ethylene liquid, γ-irradiated, molec. structure effect on electron reaction kinetics 2—10649
frozen liquids, radiothermoluminescence studies of self absorption of emitted light 2—37058
n-hexane, pulse radiolysis obs. of solvated electrons 2—22889
hydrated electron, absorption spectra, —4 to 390°C, pulse radiolysis study 2—7184
hydrated electron, diffusion-controlled reactions, pulse radiolysis measurement of rate at high pressures 2—37060
ice , crystalline, electrochemical detection of excited states during pulse radiolysis 2—10647
methylcyclohexane, pulse radiolysis obs. of solvated electrons 2—22889
2-methyltetrahydrofuran, γ-irradiated at 4K, e.s.r. study of trapped electrons 2—36995
organic radicals in aq. solns., pulse radiolysis and e.p.r. 2—26372
phenyl acetylene, glassy soln., thermolum. ascribed to fluoresc. of α-styryl radical 2—18528
polyethylene 2,6-naphthalene dicarboxylate, γ-irradiated, e.s.r. identification of trapped radicals 2—30097
polyethylene irradiated at 4°K, effect on i.r. spectra 2—29924
propane liquid, γ-irradiated, molec. structure effect on electron reaction kinetics 2—10649
propanes, methyl substituted, mol. structure effects on free ion yields and reaction kinetics 2—22886
propylene liquid, γ-irradiated, molec. structure effect on electron reaction kinetics 2—10649
pulse radiolysis flow systems, variable temp. cell housing 2—14480
pulse radiolysis system, using kinetic spectrophotometry, design considerations 2—37059
radical pairs produced in organic systems, e.s.r. and ENDOR 2—20194
radiolysis, molec. polarizability estimates 2—22884
radiolysis, pulse, using Van de Graaff and optical detection system 2—441
triglycine sulphate, X-ray damaged, free radicals, e.p.r. study 2—5977
tryptophan in ethylene glycol-water glass, photoinduced trapped electrons, recombination luminescence study 2—4517
tryptophan in ethylene glycol-water glass, u.v. irradiated, triplet absorption in T_1 level 2—1762
water, γ-radiolysis, evidence that major fraction of residual hydrogen is not H atoms 2—7186
Ar, liquid, mol. structure effects on free ion yields and reaction kinetics 2—22886
CS_2-3-Methyl pentane glass system, γ-radiolysis, CS_2^- form. 2—7185
Eu(III), aqueous soln., pulse radiolysis, formation spectrum and chem. props. of divalent ion formed 2—30094
$H_3O^+_{aq}+e^-_{aq}$, evidence that H atoms are not major product 2—7186
K_2CrO_4, effects on thermal annealing in crossover region 2—10645
NH_2 radical formation in γ-irradiated frozen aqueous azide soln. 2—10646
NH_3, liquid, N_2H_4 formation under γ-radiolysis in presence of H 2—10648
NaOH, vitrified aqueous solution, reaction kinetics, electron tunnelling 2—30093
Pr(IV), formation by pulse radiolysis of aqueous Pr(III) solution, spectrum and chemical properties 2—30095
Sm(III), aqueous soln., pulse radiolysis, formation spectrum and chem. props. of divalent ion formed 2—30094
Yb(III), aqueous soln., pulse radiolysis, formation spectrum and chem. props. of divalent ion formed 2—30094

Chemical equilibrium *see Chemical reactions*

Chemical exchanges *see Exchanges, chemical*

Chemical kinetics *see Reaction kinetics*

Chemical reactions
see also Chemiluminescence; Chemisorption; Exchanges, chemical; Heat of formation; Heat of reaction; Oxidation; Photochemistry; Photochromism; Polymerization; Reaction kinetics
A+BC→AB+C, collinear reactive collision, quantum mechanics 2—645
alkali dimer reactive scattering, apparatus and exptl. conditions 2—31884
alumina ceramic surface, compressive layer formation rel. to strengthening 2—1331
aluminium isopropoxide pyrolysis, Al_2O_3 film prep. 2—29025
atom-molecule scattering, reactive, propagation techniques in calculations 2—636
bimolecular, activated complex theory, concept of minimum state density 2—10598
biomolecular, quantum transition probabilities in multidimensional systems with potential barriers 2—33365
brucite, dehydroxylation, solid state kinetics appl. 2—36253
n-butane, produced in pyrolysis of azoethane in reflected shock waves, thermal decomposition meas. in 1160-1550K range 2—20184
Calvet microcalorimetry appl. 2—23413
catalyzed, acceleration by hot electrons 2—10620
collinear reactive collisions, reaction path method in close coupling computations 2—26337
collisional, analysis of symmetry effects 2—1743
collisional three-body, exact quantum cross sections for three-dimensional angle dependent model 2—4568
computer generation of synthetic intermediates in synthesis of complex molecules 2—38948
concentration fluctuations in chemically reacting fluid, internal relaxation 2—22857
convective mass transfer coeffs. meas., sorption with chemical reaction, Thoma method 2—4583
coupled reactions with diffusion and instabilities, penetration of boundary perturbations 2—10601
coupled reactions with diffusion and near marginal stability, response to external perturbations 2—10602
cyclopropane intermediates, protonated, evidence for existence in crossed-beam ion reactions 2—37034
D-region, involving atmospheric cluster ions 2—33538
D-region, ion-neutral, meas. using NOAA flowing afterglow system 2—33537
deutero-ethylene + F crossed molecular beam study 2—37021
4,10-diazachryzene, in lowest triplet state, acid-base equilibria 2—18497
diffusion rate alteration by perturbation of vel. distrib. of reactant 2—16672
diphenyldiazomethane, irradiation in single crystal soln., e.p.r. and ENDOR study of rates and mechanisms 2—33363

Chemical reactions continued
diphenylmethylene+1,1,diphenylethylene, in single crystal soln., e.p.r. and ENDOR study of rates and mechanisms 2—33363
diphenylmethylene+diphenyldiazomethane, in single crystal soln., e.p.r. and ENDOR study of rates and mechanisms 2—33363
dissipative systems, localized spatial structures and nonlinear chemical waves 2—22849
dissociation, $CdSiP_2$, kinetic parameters 2—1744
E-region, ion-neutral, meas. using NOAA flowing afterglow system 2—33537
electron transfer reactions, in simple fluids, statistical mechanical theory 2—26318
electronic instabilities, solutions of unrestricted SCF LCAO MO equation for homopolar two-centre two-electron system 2—40803
elementary, neutral, species containing O or H 2—7165
endoergic processes, post-threshold energy dependence of cross section 2—21712
energetics, core-electron binding energy, estimation using equivalence of equally charged cores 2—35223
equilibria, effects of gravitational field 2—4567
ethane, ion molecule reaction chemistry, low electron energy, study by ICR spectroscopy 2—33373
ethane, ion-molecule reactions, ion cyclotron double resonance 2—40807
ethyl radicals produced in the pyrolysis of azoethane in reflected shock waves, reactions studied in 1000-1540K range 2—20184
ethylene, ion-molecule, hydrogen scrambling 2—40808
ethylene + F, crossed molecular beam study 2—37021
exchange-reaction probabilities, influence of potential-energy surface 2—22858
ferric oxide, solid state reactivity, emanation thermal analysis 2—16675
in fluid flowing in tubular reactor, first order homogeneous and heterogeneous, study of simultaneously occurring diffusion 2—6026
formaldehyde protonation, electrostatic molecular potential study 2—18505
formic acid, decomposition on Au, acceleration by hot electrons 2—10620
gas, high pressure, i.r. amplification 2—21041
gas, laminar boundary layer, integral solution 2—24958
gas mixtures undergoing equilib. and nonequilib. reaction in tube with surface mass transfer, turbulent flow 2—6128
gases in porous solids, limitation of rates of reaction by diffusion 2—3307
glass with water, static fatigue, crack growth 2—36161
glow discharge deposition, b, Zr graphite on stainless steel, W, fine wires 2—3525
graphitizable substances, low temp. carbonization, mesophase formation, e.p.r. 2—9784
graphitization, of boron doped pyrocarbons, mag. study 2—3984
highly reactive mixture, relativistic kinetic theory 2—26331
hydrocarbon-sulphur systems, high temp. laser- induced reactions 2—30096
intermolecular cation transfer reactions, e.p.r. studies of mechanism and detection of intermediate triple and quadruplet ions 2—26323
ion-ion recombination total cross sections calc., absorbing sphere model 2—26328
ion-molecule, in H_2 and D_2 at high pressures 2—26333
ion-molecule reactions for positive ions with relative translational energies <3keV review 2—24567
ionosphere D, E-regions, metal ion chemistry, thermal energy binary, three-body reaction rate 2—37189
ionosphere disturbed, simulation, laboratory meas. of ion chemistry at 300°K 2—33524
ionospheric D-region, rate constant for $NO_2^-+H=OH^-+NO$ reaction 2—30353
irreversible, with mass transfer in a laminar boundary layer 2—6015
K+ methyl iodide→KI+methyl radical, collisional, energy dependence of differential and total reaction cross sections 2—678
kaolinite, dehydroxylation, solid state kinetics appl. 2—36253
kinetic theory, relativistic, of four component gas mixture 2—6151
laser pyrolysis, effect of ambient gases on molecular spectral emission 2—20176
local structures in presence of heterogeneous catalysis 2—37040
in metallurgy, adaptation of theory of thermodynamic potentials 2—40799
methane, ion-molecule, hydrogen scrambling 2—40808
methane, thermal dissociation on hot W emitter tips, field emission microscopy 2—30059
methane+methylene radical, insertion reaction, ethane production, lifetime study 2—22882
methyl radical reactions with HCl and H_2S, activation energies and kinetic isotope effects 2—26338
molecular collisions, long lived complex formation, product ang. distrib. 2—4574
molecular microwave astronomy, galactochemistry 2—10921
nonequilibrium coupling behind normal shock waves 2—34186
normally reactive mixtures, relativistic kinetic theory 2—26330
nuclear polarization 2—26332
α- olefin reaction products with tertiary butyl hydroperoxide, analysis by i.r. spectroscopy 2—16701
organic, in gas discharges, polymer deposits 2—4580
organic solids, lattice and mol. considerations 2—35933
organosilic compounds with He, H, A, O, r.f. discharge, polymeric thin film prep. 2—3550
oxide fuels, mixed, irrad., chem. effects of comp. changes 2—545
phosphor, halophosphate, during synthesis, elec. microscope obs. 2—4571
photochemistry, effects on laser beams transmission through absorbing medium 2—20196
polyacrylonitrile, dielec. dispersion, pyrolysis effect 2—30041
polymer, stressed, chem. equil. 2—4570
polymer, thermal decomp., activation energies 2—1746
polyvinyl chloride compound, degradation, dielec. spectra and a.c. cond. obs. 2—15645
in porous wall tubular reactor, effects of radial mass transfer on performance 2—6029
positronium interaction with O_2 in liq. N_2 2—33366
quantum-mechanical Hamiltonian, practical considerations for reactions 2—33362
quartz-Fe dispersion, mechano-chemical reactions, e.p.r. and Mossbauer obs. 2—19988
rare earth oxide powder, dynamic calcination, effect on crystallite growth 2—12980
reactive collisions, degenerate electronic states, multiple potential energy surfaces 2—24369

Chemical reactions continued
reactive collisions, degenerate electronic states, multiple potential energy surfaces 2—24370
rearrangement collisions, three-dimensional, exact quantum mechanical study of angular independent and angular dependent models 2—16673
relaxation, rel. to evaluation of micelle formation kinetics using two-state model 2—26324
relaxation in excited molecules 2—35200
scattering, non-partial wave treatment, coupled integral equations formalism 2—37026
scattering, Volterra equation formalism 2—37025
Schiff bases, aromatic, conformation in connection with liq. cryst. props. 2—6210
solid state, Mossbauer spectroscopy applications 2—1666
solid-solid, phase boundary reaction effects on diffusion 2—19134
sonochemical, Ar saturation effects 2—30044
steel, carburisation process 2—1366
steel, carburization in carbon monoxide and methane 2—16678
steel, ferritic, compatibility with liq. Na at high temp. 2—13570
steel, nitrification, struct. and hardness changes 2—15962
steel, stainless, nitrided layer formation, struct. and mechanism 2—12927
steel, stainless austenitic, nitriding effects on stress corrosion cracking 2—1326
steel carburization in Na containing carbon impurities, effect on mech. props. 2—13569
surface reactions, statical method of secondary ion mass spectroscopy 2—13594
textiles, polyacrylic acid grafting, by plasma generated free radical sites 2—3504
thermoanalytical method for endothermic and exothermic reactions 2—12612
three dimensional reactive collision, AB+C type, collision coordinates 2—10603
toluene bromine system, photochemical reaction velocity, rate constant of termination and quantum yield due to laser beam 2—20196
transplutonium molecules, thermodynamic principles of systematics, extrapolation from rare earth and actinide series 2—22851
trifloromethyl radical reactions with HCl and H_2S, activation energies and kinetic isotope effects 2—26338
unimolecular breakdown processes, exact calculation 2—26326
unimolecular reactions, relative translational energy 2—40802
water, chemisorbed ion induced proton transfer reactions 2—4573
Zircaloy-2, hydriding in BWRs 2—15113
$(AgPO_3)_3.H_2O$, dehydration 2—30045
AlF_6Na_3, dissociation on melting, sp. gravity determs. 2—4566
$2AsI_3+As\rightleftharpoons 3AsI_2$, temp. depend. of equilib. const. 2—28934
$B(OH)_3$ thermal decomposition, i.r. spectra 2—29909
$BaCO_3$, decomposition, solid state kinetics appl. 2—36253
BaO, prod. by action of N_2O or NO_2 on metal crossed beam chemiluminescence studies 2—10457
$BaTiO_3$, hydrolysis preparation, struct., dielec. props. 2—16676
$Ba+O_2$, collisional, angular distribution meas. 2—4576
$Ba+O_2\rightarrow BaO+O$, collisional, study in crossed beam experiment 2—662
Br atom recombination in Ar, nonequilibrium effects 2—37027
C black, wetting, interaction between active H and water 2—3495
C fibre, graphitization, e.p.r. monitoring of struct. and electronic props. 2—6289
CH+O, collisional formation of CHO^+ by associative ionization, theoretical study 2—872
CN_2 molecule formed in low temperature matrix reaction of C atoms 2—31782
CO, catalytic decomp. on Fe, inhibition rel. to nuclear reactor coolant props. 2—4577
CO afterglow, mechanisms producing $C_2{}^*(A_3\Pi_g)$ molecules 2—35615
C_3O molecule formed in low temperature matrix reaction of C atoms 2—31782
$CO_2+He(2^3S)$, prod. of excited states of $CO_2{}^+$ and CO, spectral emission obs. 2—24445
CO_2+N_2, reacting u.s. stream, mechanism of chemical and vibrational relaxation, numerical study 2—40804
CS_2/O_2 chem. lasers, operative mechanisms 2—23587
CS_2+NO_2 flash photolysis, CO laser emission 2—2393
CS_2+O_3, CO laser emission 2—2392
$C^++D_2\rightarrow D+CD^+$, collisional, threshold and reaction cross section 2—12007
$C^++D_2\rightarrow D+CD^+$ energy and ang. distrib. of CD^+ meas. 2—10605
$C(2^1D_2)$ electronic excitation, reactions with moleclar gases, time-resolved atomic absorption 2—24343
$Ca_3Cr_2(SiO_4)_3$, synthesis from $CaCO_3$, Cr_2O_3 and SiO_2 using 03 flux 2—1375
CaO, prod. by action of N_2O or NO_2 on metal crossed beam chemiluminescence studies 2—10457
$CaO+MgO-Al_2O_3$ spinel, products at various temps. 2—37030
$3CaO.Al_2O_3.CaSo_4.xH_2O$, effects of temp. and humidity on stability 2—16677
$Ca_{10}(PO_4)_6(OH)_2$, formation by OH^- diffusion in $Ca_{10}(PO_4)_6Br_2$, anisotropy study using birefringent technique 2—7163
$CaZn_2(PO_4)_2.2H_2O$, scholzite, dehydration and transform. phases 2—19294
$CdSiP_2$, dissociation, kinetic parameters 2—1744
CeN, decomposition pressure, from melting point in N_2 between 10^{-2} and 21 atmos. 2—18878
Cl_2, with Ti, adsorption, formation of $TiCl_2$ microcrystals 2—9307
$Cl+AI\rightarrow HCl+I$, enhanced collision energies, detailed rate constant determ. by i.r. chemiluminescence method 2—13567
$Cs-I_2$, collisional, cross section meas., comparison with harpooning model predictions 2—686
$0.71Cs_2O.0.52BaO.6Al_2O_3$ synthesis 2—36276
$Cs+SF_6\rightarrow CsF+SF_5$, vibrational energy distribution of CsF 2—782
CuB_2O_4 and $Cu_3B_2O_6$, prep. by calcination, characterization 2—13568
D, reactive scattering from CL_2, Br_2, I_2, ICl and IBr 2—704
$D+H_2\rightarrow DH+H$, rearrangement collision, London surface pseudocrossings and dynamical features 2—713
$D+H_2\rightarrow HD+H$, collisional reaction, differential reactive scattering cross-section from molec. beam studies 2—28230
Eu_2O_3+W, formation of refractory phase at 1900-2000°C in high vacuum 2—28967
F atoms with H_2 and HD, classical dynamics rel. to potential energy surface 2—26334

Chemical reactions continued
$F+H_2\rightarrow FH+H$, potential energy surface including electron correlation, preliminary results 2—37020
$F+O_3\rightarrow FO+O_2$, obs. of ground state FO radicals in gas phase 2—22875
α-Fe, Al-Fe layers formed by surface metal interaction with $AlCl_3$, HCl and H_2 gases 2—26320
Fe, cementation by C and N_2, and impurity influence 2—9274
Fe complex, FeEDTA- in water, hydrolysis products, n.m.r. 2—3409
Fe complexes, derivatives of $[SCH_3Fe(CO)_3]_2$, reactions with phosphines and arsines 2—785
$Fe(OH)_2$, dehydration, haematite transformation, magnetic props., Mossbauer and i.r. spectra 2—22862
β-FeOOH, akaganeite, stability on heating in air and in aq. suspension 2—13038
FeOOH, β-δ in haematite, i.r. spectroscopic study of thermal conversion 2—40805
δ-FeOOH, dehydration product study 2—1745
$Fe+O_2\rightarrow FeO+O$ reaction rate studied 2—35247
Fl atoms with hydrogen halides, initial vibrational energy level dsitrib. determ. by i.r. chemiluminescence 2—10607
$Ge-Cl_2-H_2$ system, equilib. const. 2—30037
$H-Cl_2$, linear reactive collisions, classical S-matrix construction 2—703
$H-H_2$ collinear reactive collisions, broken path model 2—26327
$H-H_2$ reactive collision, computational study of resonances 2—10596
H, reactive scattering from Cl_2, Br_2, I_2, ICl and IBr 2—704
HF chem. laser, use of MoF_6 to increase reaction rates in H_2-F_2 mixtures 2—23589
HF chemical elimination laser from $O(^1D)+CH_nF_{4-n}$ reactions 2—31045
$H_2+Cl_2\rightleftharpoons 2HCl$, vibr. energy between HCl mols. 2—26335
H+DCl, comparison of isotope exchange and abstraction mechanisms 2—16671
$H+H_2$, collinear, quantum mechanical computational study, close-coupling method 2—20172
$H+H_2$, collisional exchange reaction probability, comparison of exact classical and quantum mechanical results 2—714
$H+H_2$, planar reactive collision cross section calc. 2—712
$H+H_2$, reactive scattering, quantum mechanical treatment 2—711
$H+H_2$ collinear reactive collisions, reaction path method in close coupling computations 2—26337
$H+H_2$ reaction, quantum calculations of planar reactivity, development of mathematical techniques 2—33368
$H+H_2$ reaction, quantum calculations of planar reactivity, application of mathematical techniques 2—33369
$H+H_2\rightarrow H_2+H$, collinear reactive collision, quantum mechanics 2—645
$H+H_2\rightarrow H_2+H$, rotational and vibrational distributions, exchange reaction in a plane 2—30049
$H+H_2\rightarrow H_2+H$ reaction probabilities, influence of variations of potential-energy surface 2—22858
H_2+O_3 in atmosphere 2—7270
$He+H_2{}^+\rightarrow HeH^++H$, reaction cross section enhancement by vibrational excitation of $H_2{}^+$, statistical phase space theory 2—16679
$K-CO_2$, long lived collision complex formation, comparison of experiment with statistical model 2—676
$K-I_2$, collisional, cross section meas., comparison with harpooning model predictions 2—686
$KBR(I):M^{2+}$, M=Zn, Cd, coloration, spectra 2—19125
K_2+Br_2, ICl, IBr, BrCN, reactive scatt., ang. distribution meas. and total reaction cross sections 2—31885
$K+HBr\rightarrow KBr+H$, total reaction cross section, computer trajectory calc. in eV region 2—677
$Kr^++D_2\rightarrow KrD^++D$, ang. and vel. distrib. of product ions, kinematics 2—22864
$Li+O_2\rightarrow LiO_2$, cocondensation reactive collision, matrix laser Raman spectra of LiO_2 2—38921
Mg, nitrogenation with simultaneous metal sublimation 2—30051
$MgAl_2O_4$, crazing, etch rate, deterioration, in H_2 2—3497
$MgO+O_2$, O_3- formation, verification by e.p.r. study 2—26263
$NH_3+HF\rightarrow NH_4F$, molecular orbital studies 2—20178
$NO+O+(M)\rightarrow NO_2{}^*+(M)$, airglow, at low pressures, evidence for radiative recombination 2—7166
$N_2O+S(3D_2)$, prod. of NS radicals, contrib. of this reaction channel to total cross section 2—4569
$N^++N_2\rightarrow N_2{}^++N$, apparent charge exchange reaction, cross section meas. 2—685
$Na-I_2$, collisional, cross section meas., comparison with harpooning model predictions 2—686
NaCl, surface reactions with alkali halides, ang. distribution of reaction and vaporization products 2—10609
$Na_4HP_3O_{10}.H_2O$, thermogravimetric dehydration curves 2—30052
$Na+H_2O$, research review rel. to nuclear reactor applic. 2—40801
Nb, and its alloys, protection from disintegration at high temps. 2—6595
$Ne^*+H_2\rightarrow NeH^++H+e^-$, collisional, study at high collision energies 2—10610
O-CO scattering, calc. of CO_2 resonance formation probability 2—690
O_3-olefin, chemiluminescent gas phase reactions, vibration-rotation bands of ground state of OH 2—22868
O^-, adsorbed on MgO, reactions with O_2, CO and ethylene, e.s.r. study of resultant species 2—4578
O_3, tropospheric, gas phase destruction 2—22959
O_3 with H_2S, CH_3SH, CH_3SCH_3 and SO, chemiluminescent reaction, visible and near u.v. spectra 2—20179
$O(^3P)+CO$, kinetics and mechanism 2—22869
$O^++N_2\rightarrow NO^++N$, collisional, effects of metastable $O^+(^2D)$ 2—8482
O_2+S, adsorbed on Cu(110) surface, Auger spectroscopy 2—9248
β-PbO_2, thermal decomp., X-ray and thermal analysis obs. 2—22870
$PbO+ZrO_2+TiO_2$, kinetics 2—13571
Pd_3Fe alloy, hydrogen absorpt., ordering depend. 2—9773
Pt-Au alloy film prep. by thermal decomp. of resinate coatings 2—1182
$Rb-I_2$, collisional, cross section meas., comparison with harpooning model predictions 2—686
S_2F_2 ion molecule reactions, investigation using ion cyclotron resonance spectrometry 2—22871
SiC, oxidation resistant layer formation by reaction of Si and CH_4 2—29040
$Si+4AgF\rightarrow 4Ag+SiF_4$, Ag film deposition technique, 80-600°C 2—39487
SrO, prod. by action of N_2O or NO_2 on metal crossed beam chemiluminescence studies 2—10457
Ti alloys, nitriding by ionic bombardment, skin microstructure and corrosion resistance 2—12928

Chemical reactions continued

- UC_2, granulated, thermal decomp., reaction kinetics, grinding energy 2—4579
- UF_6 H_2 reduction mechanism 2—30063
- $U+O \rightarrow UO^+ + e$, $U+O_2 \rightarrow UO_2^+ + e$, collisional chemi-ionization processes, effective cross sections 2—33372
- W-Cl system, high temp., rel. to W deposition 2—25214
- W-O_2 system, gas phase constitution and chemical transport reactions, thermodynamic aspects 2—30057
- W-halogen lamps, thermochem. calcs. 2—13574
- W halogen systems, free formation enthalpy of W halides 2—30055
- W halogen systems, gas phase constitution and chemical transport reactions, thermodynamic aspects 2—30056
- ZnO, single crysts., enthalpies and entropies of vaporization reaction 2—18887
- $Zn_5(OH)_8(NO_3)_2.2H_2O$, topotactic reaction with metalchloride solns., prep. of pseudomorphs 2—3579
- Zr-Nb alloy, hydrogenation and fatigue failure 2—29303

Chemical shift

- acetylene molecule, magnetic anisotropies discussed in connection with NMR chemical shifts 2—35317
- acetylenes, linear, ^{13}C shift 2—8723
- amphetamines and related compounds, p.m.r. 2—8729
- anthracene, ring current contribution 2—3072
- Auger spectra during monolayer adsorption 2—39542
- benzene, ^{13}C n.m.r. chemical shift anisotropy 2—38964
- benzene, ^{13}C shift in a_{2u} mode rel. to calc. of density of states and absorption function for i.r. exciton spectrum 2—10397
- benzene, ESCA spectra 2—5960
- benzene, ring current contribution 2—3072
- benzenoid hydrocarbons, non-planar condensed, extension of Huckel London McWeeny theory of ring current effects on proton chemical shifts 2—24494
- 3,4-benzophenanthrene, p.m.r. spectra, determ. chemical shifts, coupling constants at infinite dilution in CCl_4 2—24507
- carbon tetrafluoride, of ^{19}F, press. and temp. depend. 2—5953
- carbonyls of group VIb metals, ^{13}C n.m.r. 2—28268
- cholesterol and thiocholesterol esters, high resolution NMR spectra, transition temps. 2—15574
- core level shifts determ., ab initio mol. wave functions 2—35341
- cuprous halide compounds, macroscopic magic-axis rot., meas. precisions improvement 2—13552
- Δ^3cylohexenecarboxylic acid, mol. association, proton mag. reson. obs. 2—28899
- diazaphenanthrenes, linear correlation between ^1H chem. shift and electron density 2—24551
- trans-15,16-diethyldihydropyrene, calc. using π-electron ring current hypothesis 2—38979
- trans-15,16-dimethyl dihydropyrene, calc. using π-electron ring current hypothesis 2—38979
- 1,1′-dimethylmetallocenes, ^{13}C n.m.r. contact shift studies, spin delocalization 2—24531
- ESCA chemical shifts of C and N by MINDDO/1 valence electron SCF MO method 2—35209
- ethanes, bromo-substituted, ^{13}C n.m.r. 2—21682
- ethanol-potassium ethylate, gamma-irrad. 2—8765
- ethyl fluorides, isotopically substituted, exptl. and theoretical N.M.R. studies 2—24535
- ethylenes, alkyl substituted, coupling constants, n.m.r. obs. 2—12261
- ethylenes, bromo-substituted, ^{13}C n.m.r. 2—21682
- fluoride, MNF_{11}, M, N=P, As, Sb, Ta, Nb and MBF_9^-, M=Ta, Nb, mag. resonance obs. 2—5927
- heavy elements, of $K_{\alpha 1,2}$, $K_{\beta 1,3}$ and $K_{\beta 2,4}$ lines, due to valency electrons 2—7086
- heterocyclics, 5 membered, unsaturated, H-H coupling consts., proton mag. reson. spectra, $223 \leqslant T \leqslant 383K$ 2—12256
- hexahelicene, p.m.r. spectra, determ. chemical shifts, coupling constants at infinite dilution in CCl_4 2—24507
- hydrocarbons, floating spherical Gaussian orbital model for ESCA chemical shifts for inner shells electrons 2—35335
- K-electron shift, correlation with valence electron density, ESCA 2—35210
- magnetic contribs., estimation from core-electron (photoelectron) spectroscopy 2—35297
- 3-methyl-pyrrole, assignments made in analysis of NMR spectrum 2—12260
- methylcyanide, core level shifts determ., ab initio mol. wavefunctions 2—35341
- methylisocyanide, core level shifts determ., ab initio mol. wave functions 2—35341
- methylisocyanide, core level shifts determ. ab initio mol. wave functions 2—35341
- naphthalene, ring current contribution 2—3072
- nontransition element fluoride, ^{19}F, n.m.r., diamagnetic screening 2—28288
- of nucleus in sites of various symmetries, determ. asymmetry in nuclear magnetic shielding tensor 2—21582
- organoethoxysilanes, p.m.r. shifts 2—851
- organotin compounds, ^{119}Sn chemical shifts by double resonance 2—28332
- pentahelicene, p.m.r. spectra, determ. chemical shifts, coupling constants at infinite dilution in CCl_4 2—24507
- perfluoronaphthalene, anisotropic, powder distrib., inhomogeneous spin echoes, dipolar broadening 2—13422
- phenylacetic acid and derivatives, n.m.r. spectra 2—35344
- polar solutes, proton shifts in various solvents 2—28895
- poly(L-alanine), α-proton chem. shift 2—38982
- pyridine-^{15}N, n.m.r. 2—24550
- reagents, use in n.m.r., resolution of overlapping lines 2—5304
- styryldiazines, linear correlation between ^1H chem. shift and electron density 2—24551
- tert-butyl-1,3-dioxanes, conformation, ^{13}C mag. reson. study 2—3074
- thiophene [ESCA spectra] [pyrrole, ESCA spectra] [furan, ESCA spectra] spectrochemical analysis [ESCA, benzene, thiophene, pyrrole, furan, core binding energies and chemical shifts] organic compounds [benzene, ESCA spectra, core binding energies and chemical shifts] [thiophene, ESCA spectra, core binding energies and chemical shifts] [pyrrole, ESCA spectra, core binding energies and chemical shifts] furan, ESCA spectra, core binding energies and chemical shifts 2—5960

Chemical shift continued

- van der Waals effect in n.m.r., investigation by factor analysis and prediction of mag. susceptibilities 2—6247
- Van der Waals effects on n.m.r. chemical shifts 2—12094
- $[Pt(NH_3)_4]Cl_2.2H_2O$, anisotropy of chem. shift of ^{195}Pt nmr signal, position of Pt units in unit cell 2—26307
- As, K-absorpt. edge 2—40700
- B_2H_6, and methyl and chloro derivatives, p.m.r. spectra 2—35232
- $Ba[Pt(CN)_4].4H_2O$, anisotropy of chem. shift of ^{195}Pt nmr signal, position of Pt in unit cell 2—26307
- CH_5^+, theoretical ^{13}C n.m.r. shifts 2—24497
- $C_2H_5^+$, theoretical ^{13}C n.m.r. shifts 2—24497
- ^{13}C in tetramethylsilane determ. by NMR, use of TMS as ^{13}C reference compound discussed 2—27376
- ^{13}C shifts on TMS scale 2—31771
- $CaCO_3$, anisotropic, powder distrib., inhomogeneous spin echoes, line width 2—13422
- CaF_2, of ^{19}F at 300K, rel. to CF_3COOH 2—13427
- $Ca_5F(PO_4)_3$ single crystals, ^{19}F chemical shift anisotropy, pulsed n.m.r. investigation 2—22841
- CdS, of Cd^{113}, n.m.r. obs 2—37005
- CdSe, of $Cd_{11}{}^3$, n.m.r. obs. 2—37005
- CdTe, of Cd^{113}, n.m.r. obs. 2—37005
- Co (III) complexes, symmetric. ^{59}Co shifts as function of temp., solvent and conc. 2—1119
- Co complex, acetylacetonate alkylamine complex, p.m.r., contact and pseudocontact shift study 2—28283
- Cr surface atom, core-electron, effect of oxygen, X-ray appearance pot. spectra 2—35872
- $Cu_3(AsO_4)_2.4H_2O$, of K-absorption edges of Cu and As 2—1703
- CuBr, ^{63}, ^{65}Cu n.m.r., precise meas. by high speed rotation method 2—4553
- CuCl, ^{63}, ^{65}Cu n.m.r., precise meas. by high speed rotation method 2—4553
- $CuHAsO_3$, of K-absorption edges of Cu and As 2—1703
- CuI, ^{63}, ^{65}Cu n.m.r., precise meas. by high speed rotation method 2—4553
- ^{19}F anisotropies in powders, single crysts., shielding tensors, from n.m.r. spectra 2—13426
- ^{19}F anisotropy in methylene fluoride, high- resolution molecular Zeeman measurements 2—35339
- HCN magnetic anisotropies discussed in connection with NMR chemical shifts 2—35317
- $H_2{}^{18}O$, anomalous proton chemical shift, mag. resonance obs. 2—6245
- KH_2PO_4, of ^1H at 300K rel. to C_6H_{12}, ^{31}P at 77K rel. to H_3PO_4 2—13427
- $K_2[Pt(C_2O_4)_2].2H_2O$, anisotropy of chem. shift of ^{195}Pt nmr signal, position of Pt units in unit cell 2—26307
- Mg_3P_2 powder, ^{31}P n.m.r. chemical shielding anisotropy at 99.4 MHz 2—10561
- Nb, X-ray photoelectric spectroscopy obs. 2—22505
- Ni complex, acetylacetonate alkylamine complex, p.m.r., contact and pseudocontact shift study 2—28283
- Ni complexes, cyclopentadienyl, ^{31}P shifts 2—810
- Ni surface atom, core-electron, effect of oxygen, X-ray appearance pot. spectra 2—35872
- $NiFe_xCr_{2-x}O_4$, ferrite, Mossbauer effect obs. 2—40635
- P gas, ^{31}P n.m.r. 2—32181
- PH_3 data used to determine ^{31}P spin rotation interaction constants 2—15281
- P_4S_{10} powder, ^{31}P n.m.r. chemical shielding anisotropy at 99.4 MHz 2—10561
- P_4S_3 single crystal, ^{31}P n.m.r. chemical shielding anisotropy at 99.4 MHz 2—10561
- ^{31}P in liquid organic and inorganic compounds 2—32277
- Pt coord. compds., photoelectron spectroscopy 2—35281
- SF_6/D_2O clathrate hydrate, powder, ^{19}F n.m.r. lineshapes, chemical shift and anisotropy, correlation times 2—28323
- SF_6, of ^{19}F, press. and temp. depend. 2—5953
- SF_6, solid, anisotropy contribs. to spin-lattice relax. 300-4.2 K 2—26085
- SiF_4, of ^{19}F, press. and temp. depend. 2—5953
- SiO_2 surface layers, Auger spectrum 2—29006
- Sn chalcohalides, Mossbauer spectra and $K_{\alpha 1}$ line 2—10329
- Te, chem. shift tensors, n.m.r. obs. 2—29688
- Ti surface atom, core-electron, effect of oxygen, X-ray appearance pot. spectra 2—35872
- TlI, orthorhombic and cubic modifications, calc., change in polymorphous transition 2—4560
- UF_6, anisotropic shift, rel. to obs. of ^{19}F rotating frame spin-lattice relaxation 2—4561
- ^{129}Xe n.m.r., induced by O_2 and NO admixtures 2—31833
- Zn compounds, $K\alpha$ lines in X-ray spectra 2—33302
- Zn_3P_2 powder, ^{31}P n.m.r. chemical shielding anisotropy at 99.4 MHz 2—10561

Chemical structure

see also Bonds

- chromophoric conditioning of photoelectric in polar molecules 2—25962
- computer perception of significant rings in complex cyclic structures, algorithm 2—38949
- computer perception of significant structural features in complex molecules 2—38947
- computer-assisted synthetic analysis by interactive computer graphics 2—38946
- computer-assisted synthetic analysis of complex molecules, generation of synthetic intermediates 2—38948
- fumarofine 2—3096
- metal chelates, effect on electrical conductivity 2—26940
- nitriles, complexes formed with proton donors, structure from dipole moment measurements 2—28391
- poly(2-hydroxethyl methacrylate), water swollen gel, tensile stength, crosslinking effect 2—35807
- polyphenyleneaminochloranils, effects on electrical and magnetic properties 2—25835
- rubber, changes during ionization ageing 2—37041
- Schiff's base, mesomorphic transition temp. 2—25049
- sydnones, properties and formula symbolism, based on valence electron density calculation 2—8820
- TCNQ polymeric complex salts, factors affecting conductivity 2—25837
- tungsten oxide bronzes produced by potentiostatic deposition 2—19007
- Au-Ge, liquid, energetic peculiarities and electron compound formation, electronegativity difference influence 2—22341
- $Co_3IB_7O_{13}$, ceramic, effects of growth technology parameters 2—15936

Chemical structure continued
Cu-Ge, liquid, energetic peculiarities and electron compound formation, valency difference influence 2—22341
Cu-Ti intermetallic phases, X-ray absorpt. spectra 2—22763
$Ni_3IB_7O_{13}$, ceramic, effects of growth technology parameters 2—15936
PuH_2, nonstoichiometric, variation of lattice parameter with H-content 2—29150
S, purple form, Raman spectrum 2—29936
Chemical technology
air pollution control, chemical engineering aspects 2—4666
cryostat for study of chemical reactions by matrix confinement method 2—41368
fluidized bed reactors, dynamic models 2—31898
Chemiluminescence
benzoyl peroxide on synthetic faujasite, decomp. study 2—13573
electrogenerated, effect of external magnetic field on intensity 2—40821
electrogenerated, rotating ring-disk electrode 2—30075
excimer-monomer transfer in electrochemiluminesc. 2—13525
flame, rel. to oxidation activation energy determ. for CO 2—26344
liquid scintillation counters, chemiluminescence reduction in refrigerated and ambient temperature instruments 2—27865
BaO, prod. by action of N_2O or NO_2 on metal crossed beam chemiluminescence studies 2—10457
CO, i.r. chemiluminescence, effective energy transfer to admixed COS 2—28428
CO, i.r. emission study of vibr. excitation rates in $O+CS \rightarrow CO+S$ reaction 2—15289
CaO, prod. by action of N_2O or NO_2 on metal crossed beam chemiluminescence studies 2—10457
$Cl+AI \rightarrow HCl+I$, enhanced collision energies, detailed rate constant determ. by i.r. chemiluminescence method 2—13567
Fl atoms reactions with hydrogen halides, initial vibrational energy level distrib. determ. by i.r. chemiluminescence 2—10607
$Mo(CO)_6+X$ flame (X=H,N,O), band system 2—22865
Na D line reversal, premixed flames 2—8452
O_3-olefin chemiluminescent gas phase reactions, vibration-rotation bands of ground state of OH 2—22868
SrO, prod. by action of N_2O or NO_2 on metal crossed beam chemiluminescence studies 2—10457
Chemisorption
adsorptive generation of low-energy fluorocarbon substrates 2—35905
alkyl platinum compounds, i.r. spectra 2—831
Anderson and Hubbard's Hamiltonians discussed 2—7175
anomalous water, adsorption of H_2O on hydroxylic silica surfaces as mechanism of formation 2—9074
conference, solid-state adsorption and related topics, Hannover, Germany, 1971 2—6299
convective mass transfer coeffs. meas., Thoma method 2—4583
e.s.r. methods 2—7176
graphite, of O_2, and oxide removal effects on surface properties 2—9306
Hubbard's Hamiltonian, electronic struct. and binding energy 2—12680
Hubbard Hamiltonian for surface mols., ground state energy 2—32389
metal film, of gases, elec. resist. changes 2—32915
molecule impurity interaction rel. to adsorption energy 2—30060
oxide surface, of oxygen and water, role in exo-emission 2—4314
positronium atom surface states, weak binding 2—9296
semiconductor, effect on elec. cond., book 2—15672
semiconductor, effect on elec. cond., review 2—18956
semiconductor, electronic phase transitions and instability phenomena 2—6839
Al, film, initial oxidation 2—40810
Al film, of O monolayer, sticking probability 2—3558
BN, graphitic, of H and O atoms, CNDO/2 molecular orbital approach 2—7177
Bi-Te thermoelectric semiconductor compounds, n-type of O_2, spectrophotometric obs. 2—16680
C amorphous, of O_2 and NO, e.s.r. obs. 2—6378
CO on Ni, photoemission energy level measurements 2—4325
CdS, of ethanol, electron emission, temp. depend. 2—10153
CdS, of ethanol and O_2, electron emission 2—10152
CdS, of O_2, kinetics 2—29060
CdS, of oxygen, effect on elec. cond. 2—32974
CdS, of oxygen, influence of surface struct. 2—29061
CdS, semicond., rel. to recomb. luminesc., surface band bending 2—22795
Co film, of oxygen, surface potential study 2—12683
α-Cr_2O_3, O_2 chemisorption, i.r. study 2—6380
Cu, of Cl, Br, I, effect on surface self diffusion, 383-1044°C 2—9249
Cu, of H_2S, LEED and Auger spectroscopy obs. 2—3560
Fe, reduced catalyst, of N_2/H_2 mixtures 2—30061
Fe film, of oxygen, surface potential study 2—12683
α-Fe_2O_3 with chemisorbed CO, magnetic and i.r. study 2—7178
Ge, clean surfaces, of organic gases, structure of adsorption complexes 2—1749
Ge clean surfaces, of organic gases, dangling bond obs., ellipsometric and gas-volumetric investig. 2—10619
GeO_2, of benzene, interactions with surface OH groups 2—35914
Ir, of O_2, kinetics 2—4584
MgO, immersed in N,N- dimethylformamide and dimethylsulphoxide, Rebinder effect 2—39699
Mn film, of oxygen, surface potential study 2—12683
Mo-C-O alloy, O and C surface migration 2—9252
Mo film, discontinuous, r.f. cond., oxidation and chemisorpt. of O_2 effects 2—40178
Ni, of CO, at 44K, i.r. spectra obs. 2—22086
Ni, of H_2, MO models 2—26345
NiO, adsorpt. of Ar, effect of chemisorbed species 2—35916
O on Ni, photoemission energy level measurements 2—4325
PbI_2, of O_2, ambient sensitive semiconduction 2—19650
Pt, gases, on stepped surface, LEED obs. 2—35918
Pt, of O_2, model calcs. 2—35917
Re, of O_2, mol. beam obs. 2—35919
Ru, prep. of contiguous chemisorbed adlayers of CO_2 and O_2 2—30062
Si clean surfaces, of organic gases, dangling bond obs., ellipsometric and gas-volumetric investig. 2—10619
SiO_2, glassy pyrogenic, of trimethyl chlorosilane 2—39565
Ti, of Cl_2, and adsorption, field emission microscopy obs. 2—9307
TiO, i.r. study of H_2O and surface OH species 2—1197
TiO_2 probe for detection of H atoms 2—30106
W, of H, surface short range interaction investigated 2—7175
W, of hydrocarbon, surface potential, field emission 2—25972
Chemisorption continued
W, prep. of contiguous chemisorbed adlayers of CO_2 and O_2 2—30062
W (111) surface, adsorption and displacement of methane, H_2, O_2, binding energies 2—25235
W film, of H_2, influence of Hall effect 2—40186
ZnO, of iron cyanide, anchoring of surface Fermi level 2—4228
ZnO, of molecular H_2 2—33375
ZnO, of oxygen, LEED study 2—18924
ZnO catalyst, of CO oxidation reactants, a.c. cond. 2—25830
Zr-C alloy, C surface migration 2—9252
Cherenkov radiation
see also Counters/Cherenkov; Electrons/radiation
charged particle with const. velocity, energy loss 2—14302
EAS, $10^{11}\gamma$-ray initiated, Cherenkov light distribution 2—23986
EAS at zenith, u.h.f. radio pulses associated with optical Cherenkov emission 2—38340
EAS time distribution of Cherenkov light, use in age classification 2—23955
electron passing near surface of semi-infinite plane dielectric, effect of loss on emission spectrum and motion 2—23519
electron traversing thin foil at oblique angle of incidence, Si foil with 50 keV electrons considered 2—16073
free electron interaction with e.m. field 2—30903
interaction with parametrically unstable plasma, particle velocity distribution 2—12444
liquid crystal, cholesteric, theory 2—1075
magnetic monopole moving in constant elec. field, polarization of radiation 2—7835
magnetic monopoles, rel. to detection in cosmic rays 2—27813
particle moving in helical path, calc. of energy losses 2—7838
plasma, instability of supra-luminous waves in weakly turbulent plasma, growth, damping and bifurcation 2—18612
plasma with finite amplitude wave 2—8966
quasi-Cerenkov radiation propagation after diffraction into dielectric layer 2—7980
transition, from particle crossing waveguide perpendicular to its axis, Vavilov-Cerenkov radiation 2—30946
in variable electric field, motion of charge in dielectric 2—30910
Vavilov-Cherenkov, for elec. charge in uniaxial gyrotropic crystal 2—25708
visual sensitivity of light flashes caused by extremely relativistic muons passing through the eye 2—5084
Chirality
broken chiral, SU(3)×SU(3) representations, scale invariance, symmetric algebra 2—14529
broken symmetry and axial-vector-field-current identity, massive pion constrained to be free field 2—21295
chiral invariance and Thirring models 2—11562
chiral SW_3 model, generalization 2—21214
chiral symmetry, conserved tensor currents and isovector photons, algebra of couplings 2—38212
chiral symmetry, harmonic oscillator pattern arising from algebraic approach 2—17803
chiral symmetry breaking, rel. to dual resonance models 2—396
chiral symmetry breaking interaction, rel. to nucleon σ commutator 2—428
chiral theories, nonpolynomial approach 2—17767
chiral-conformal Lagrangians, rel. to properties of scalar-conference derivatives 2—358
field algebra formalism, generalised to SU(3)×SU(3) application to K_{l4} decay 2—11592
Gell-Mann-Oakes-Renner model, broken coupling constants, smoothness and scalar mesons 2—17841
hadrons, broken chiral and scale invariance 2—38249
interactions, broken chiral SU(3)×SU(3) symmetry model, equivalence with tadpole model 2—2505
Lagrangians, concept of axial quark number in this framework, investigation of η meson 2—14625
Lagrangians, construction of non-minimal currents for pion photoproduction 2—14648
leptons, prediction from neutral (V+A) schematic current 2—14522
non-linear field of chiral dynamics type, interaction representations 2—23763
nonlinear field theories, Dyson formula 2—38188
pion photoproduction, low energy, chiral transformation property of e.m. current 2—8169
pseudoscalar mesons, chiral symmetry breaking, nonlinear realizations and effective Lagrangians 2—2541
spinor field, chiral currents as field variables, semiclassical approach 2—21186
spontaneous breakdown, rel. to K leptonic decays 2—17891
$SU_3 \times SU_3$, breaking, weak PCAC study 2—5519
SU(2)×U(1) symmetry renormalizable model for massive Yang Mills fields 2—5472
SU(2) breaking in renormalizable model for massive Yang Mills fields 2—5472
SU(3)×SU(3) symmetry breaking in Lagrangian model, K_{l3} form factors description 2—27739
SU(3)⊗SU(3) chiral symmetry breaking, neutrino scatt. 2—380
SW(3) model, rel. to test of K_{l3} soft pion theorem 2—17899
SW(3) theory, K_{l3} decay, exact inequality 2—11598
symmetric interaction of spin-1 fields studied 2—14501
symmetry breaking effects on ν scattering 2—14564
symmetry breaking parameter meas. by means of pion electroproduction in deep inelastic region 2—14647
U(4)⊗U(4), and fundamental quartets 2—21251
zero-mass divergences in expansions about chiral and state symmetry 2—31172
ep scattering, deep inelastic, scaling behaviour of e.m. structure functions in chiral dynamics 2—38235
$2\gamma \rightarrow (2n+1)\pi$, gauge invariance and chiral symmetry 2—38225
$2\gamma \rightarrow (2n+1)\pi$, gauge invariance rel. to chiral symmetry 2—38224
K^+-K^0 mass difference, estimates using broken chiral symmetry 2—34659
$K \rightarrow \pi\pi e\nu$, low energy axial vector form factors based on broken chiral symmetry 2—31266
κ^+-κ^0 mass difference, estimates using broken chiral symmetry 2—34659
π electromagnetic mass difference, chiral dynamical calc. 2—14645
Chlorine
adsorped on Mo, desorption kinetics, surface lifetimes 2—35915
adsorption and reaction on Ti, field emission microscopy obs. 2—9307

Chlorine continued
anomalous transparency in bound-free transitions 2—18414
atomic masses, precision measurements at Osaka University 2—38843
atomic spectra, wavelengths in 1.8-4.0 μm region 2—28190
chemisorbed by Cu, effect on surface self diffusion, 383-1044°C 2—9249
crystal, lattice vibrs., mol. interactions model 2—36331
dissociation in Ar, incubation time prediction 2—21587
liquid/saturated vapour equilib., crit. constants effects 2—28950
molecule, photoionization cross sections of valence mol. orbitals. valence electron approx. 2—8621
molecule. Raman bands, computer simulation of rotational structure 2—21594
molecule, reactive scattering with H and D atoms 2—704
molecule, vibrational structures of $E \rightleftharpoons B$ emission systems 2—21618
molecules, ionization threshold, effect of hot bands 2—12154
molecules, linear reactive collisions with H atoms, classical S-matrix construction 2—703
output power enhancement effects in neutral Ar laser 2—7914
oxidation of Si 2—39521
rate const. for reaction with ReO_3^- and $(WO_3)^-_{n=1,2,3}$ 2—10613
refractive index of liquid in temp. range 130-260 K 2—18825
self diffusion, in $PbCl_2$, isotopic exchange technique 2—36082
X-ray K-absorption spectra in gases and molecular crystals 2—3036
CdSe-Cu, Cl layer, sintered, operation in longitudinal photoconductivity mode 2—29764
Cl_2-W, gas phase equilibr., simulation 2—20181
Cl- in rain meteorological interpretation of amount 2—1821
Cl I and Cl II lines, Stark shifts 2—11952
Cl II, stark broadening 2—35138
Cl II, Stark broadening meas. 2—2941
Cl VIII, extreme u.v., Hartree-Fock theoretical wavelengths, accuracy 2—24336
Cl XII, carbon-like spectra in the range 16 to 22 Angstroms, previously unidentified lines 2—15220
Cl^-, collisional detachment and charge exchange cross sections in energy range 300 to 3000 eV 2—5836
Cl^-, effect on stress corrosion cracking of U-Nb-Zr and U-Nb alloys 2—29331
Cl^+, collisions with Ar, excitation of inner and outer shells, inelastic energy losses and ionization 2—2965
Cl_2, charge exchange with alkali atoms, adiabatic electron affinities 2—38898
^{35}Cl, in powder sample, asymmetry parameter detn., n.q.r. obs. 2—7156
^{35}Cl, n.q.r. in K_2SnCl_6 2—7158
$Cl+AI \rightarrow HCl+I$, enhanced collision energies, detailed rate constant determ. by i.r. chemiluminescence method 2—13567
$Cl+H_2$ collision system, classical trajectory study of energy transfer 2—28431
Cl+HCl collision system, classical trajectory study of energy transfer 2—28431
Cl_{II}-Cl_{VII}, energy levels and mean lives 2—589
Ge-Cl_2-H_2 system, reactions, equilib. const. 2—30037
KBr:Cl, field gradient tensor calcs. for nuclei round substitutional ion 2—26093
ZnS:Ag,Cl phosphor, luminesc., long decay, trap depth 2—36936
ZnS:Cu, Cl film, l.v. electroluminesc. 2—40726
ZnS:Cu, Cl film, optical and electrical switching of dark cond., and photocond. at 77K 2—40380
ZnS:Cu,Cl phosphor electrolum., charged imperfections effects 2—36967
Chlorine compounds
chlorides, Cl^- $L_{2,3}$ absorpt. spectra regularities 2—20032
dichlorocompounds, molecular orbital assignment from photoelectron spectra 2—35242
metal tetrachlorides, electronic spectra, assignment of electronic transitions 2—12100
octahedral chloroanions of IV B group elements, force constants and mean amplitudes 2—3035
CLF, Zeeman effect 2—12123
Cl_8BP, ^{35}Cl n.q.r., 77 K 2—24493
ClCN, Fermi resonance and dimer structure, i.r. matrix-isolation studies 2—8588
ClCN, matrix isolation, i.r. spectra, Fermi resonance and dimer structure 2—12122
ClCN, molecular Zeeman effect, magnetic properties and electric quadrupole moments 2—24437
ClCN, Zeeman effect 2—12123
ClF, molecular Zeeman effect, magnetic properties and electric quadrupole moments 2—24437
ClF, photoelectron spectrum meas. adiabatic ionization potentials obtained 2—12121
ClF, SCF LCAO MO calculations, polarization effect of 3d orbitals 2—5924
ClF_3, molecular force fields 2—18412
ClF_3, reactions with H_2 and methane, basis for chain branching chemical laser 2—7918
ClF_3, reactions with H_2 and methane, basis for chain branching chemical laser 2—7918
ClHCl- bihalide ion, proton shielding studied to elucidate electronic structure 2—31792
ClNCO, electron diffraction determination of structure 2—28281
$ClNO \rightarrow Cl+NO$ photodissociation, comparison of quasidiatomic model predictions with photofragment spectrum meas. 2—780
ClO_3- anion, Kβ X-ray emission spectrum calc. with all valence electron molecular orbital method 2—28267
ClO_3^-, bonding investigations using X-ray spectroscopy and ab initio SCF-MO calc. 2—31821
ClO_3^-, in alkali halide matrices, i.r. spectra, site symm., Cl isotope effects 2—36874
ClO_4-, SCF LCAO MO calculations, influence of Cl 3d orbitals 2—5924
ClO_4- anion, Kβ X-ray emission spectrum calc. with all valence electron molecular orbital method 2—28267
ClO_4^-, bonding investigations using X-ray spectroscopy and ab initio SCF-MO calc. 2—31821
Cl_2O_7, obs. of i.r. and Raman spectra, attributions 2—779
ClO_3F, n.m.r., ^{35}Cl and ^{19}F spin-lattice relax. 2—8604
Cl_9SSb, ^{35}Cl n.q.r., 77 K 2—24493
$^{35}ClO(^2\pi_{3/2})$, J=5/2 and 3/2 rotational levels, hyperfine interactions in gas-phase EPR spectra 2—18413
W-Cl system, high temp. reactions, rel. to W deposition 2—25214
Chondrites *see Meteorites*
Chromatic aberration *see Aberrations, optical*
Chromatography
see also Adsorption; Chemical analysis/adsorption
absolute measurements of CO_2 in transformer oil 2—30099
distortion of chromatographic peaks by measuring apparatus 2—30100
effluent det. using laser interferometric differential refractometer 2—17706
effluent mol. st. determ. using app. based on mol.-flow networks 2—39241
flame photometric sulphur detector for hydrocarbon pollution identification 2—7191
gas, pipeline interface detector 2—4606
gas, review 2—4605
gas chromatograph, design features and applic. 2—40837
gas chromatograph-mass spectrometer detector, use of mass spectrometer simulation 2—20211
gas chromatography-mass spectrometry, digital computer system for inline analysis of multiple ion intensities 2—22891
gas-liquid, all-glass capillary chromatograph, design features 2—30102
gel permeation, combined with gradient elution fractionation rel. to structural evaluation of branched polyethylene 2—28424
liquid, high-resolution chromatograph, use of small dedicated computer 2—26378
mobile phases, use of supercritical fluids 2—10653
nematogens as stationary phase in GLC 2—9093
plasma, ion molecule reactor combined with ion drift mass spectrometer 2—18275
polyethylene, molec. wt. distrib. determ. by gel permeation 2—8848
pressurized liquid and condensed gas sampling apparatus 2—30103
radioactive isotope analysis using paper chromatography 2—10679
thin layer, applic. to colour photographic film materials 2—2474
He-Ar, He-N_2 and ^4He-^3He mixtures, diffusion coeff. temp. dependence determ., 300 to 800 K 2—21927
S concentrations in Apollo 12 samples 2—17027
Chromium
anisotropic resistivity, crit. exponent in vicinity of Neel temp. 2—25767
antiferromagnetic energy gaps, i.r. reflectivity obs. 2—36763
antiferromagnetic phase transitions, itinerant, in exchange field 2—1642
atom, X-ray K-fluoresc. yields 2—8443
atomic scatt. factor 2—35983
atomic spectral line intensities, dependence on temp. of CaF_2-Al_2O_3 fused systems 2—40849
atoms, soft X-ray spectra, classification 2—5786
conduction electrons per atom, determ. from K_β emission spectrum 2—40701
diffused coatings protection of steel from corrosion by liq. Li 2—4592
diffused layers, effect on mechanical properties of stainless steel 2—6587
dislocation density, pressurization induced in metal containing Cr_2O_3 inclusion 2—12850
dispersion hardening by MoO and Al_2O_3 2—32747
electrocrystallization from molten salts, factors affecting mechanism and orientation 2—3584
epitaxial growth on LiF and NaCl substrates 2—9272
film, discontinuous, on dielec. substrate, electron cond., resist. coeff., 130-300K 2—40180
film, evaporation deposited, surface, rel. to oxidizing and nitriding treatments 2—39503
film, glass interface obs. by water contact angle 2—3526
film, laser beam irrad., rupture threshold 2—9263
film, on glass, interface, adhesive mechanism 2—39501
film, proton deceleration 2—6702
film, r.f. sputtered on plastic film substrate, elec. props. 2—39504
film, sputtered, composition variation with thickness, chem. etch rate obs. 2—39502
film, sputtered, etch rate obs. 2—1171
film, vacuum deposited struct., effect of oblique incidence during deposition 2—39506
i.r. absorptivities at room and liquid He temperatures, derived from reflectivity measurements 2—26106
Kα doublet, intensity distribution 2—20056
lattice vibration spectra. determination of specific heats and Debye temp. 2—22405
lifetimes in several excited states, obs. using beam foil technique 2—5785
Lorenz number behaviour at Neel temp. 2—36366
magnetic susceptibility, orthorhombic anisotropy 2—36764
magnetic transition, first order; calorimetric obs. 2—36762
magnetoresistance, anomalous longit. 2—13108
metal, density of states calc. by combination of plane waves method 2—36414
metal, zone structure, electron energies, density of states. X-ray spectra, Green's function method 2—36415
Neel temp depression due to impurities, elec. resist. obs. 2—19923
orientated bicrystal, intergranular fragility 2—12896
photoabsorption cross sections calcs. 2—22779
polycrystalline, high-temp. creep, surface slip lines, dislocation climb, mech. 2—32616
in ruby, absorpt. spectra, conc. broadening of lines 2—1686
self-diffusion, high temp. 2—12802
single cryst., single-Q state, by action of low temps. in presence of mag. field 2—16394
single crystal, first order transition at Neel temperature 2—4402
solar curves of growth, revised gf scale 2—33761
solar energetic-particle events, composition, enrichment of very heavy nuclei 2—11082
in steel, austenitic, effect on NbN solubility and precip. 2—12968
in steel, austenitic, interaction with C 2—32787
stellar overabundances, weak s-process irradiations 2—33633
surface, charact. electron energy loss spectra, plasma losses 2—19526
surface, soft X-ray appearance pot. spectra, effect of oxygen 2—35872
surface studies, combined Auger and charact. loss. spectra obs. 2—3484
thermal cond., lattice contrib. and Lorenz ratio 2—19455
u.s. attenuation near spin-flip transition 2—13035
valence band structure from u.v. photoelectron spectra 2—36650
X-ray spectra, fine struct. in K-lines 2—4467
X-ray tubes, mirror made of low-alloy Cr for anodes 2—30743
α-Al_2O_3:Cr^{3+}, $^4T_2$ state, stress study of Jahn-Teller effect 2—36787
CdTe:Cr, absorpt. spectra and crystal field parameters 2—22759
CoO:Cr, Hall mobility and defect struct., high temp. 2—36502
Cr II, turbulent velocities in HD92207, HD100262, HD125835, HD161912 2—7403
Cr X to XII, classification of emission lines from $3s^2\ 3p^n$-$3s\ 3p^{n+1}$ and $3p^n$-$3p^{n-1}3d$ transitions 2—2936

Chromium continued
- Cr XXII spectrum in e.u.v. identification and classification of spectral lines. 2—31666
- Cr^{+}, ENDOR obs. in NaCl, superhyperfine struct. obs. 2—30029
- Cr^{+}, in NaF, NaCl, and NaBr. e.p.r., and ENDOR obs. 2—20170
- Cr^{+} e.p.r. in ZnS 2—22837
- Cr^{2+}, in AgBr(Cl), near i.r. absorpt., Jahn-Teller effect 2—40657
- Cr^{2+}, in AgBr(Cl), near i.r. absorpt., temp. depend., Jahn-Teller effect 2—40656
- Cr^{2+}, in CdSe, photoionization absorp. spectra 2—10373
- Cr^{2+}, in YAG. X-ray and thermoluminesc., recomb. excitation mech. 2—40725
- Cr^{3+}, e.p.r. in KH_2PO_4 2—33340
- Cr^{3+}, e.s.r. obs. in $YAlO_3$ and $EuAlO_3$, exchange interactions 2—7125
- Cr^{3+}, field dependent spin-lattice relaxation in ruby 2—22717
- Cr^{3+}, fluorescence and excitation spectra in YAG 2—26241
- Cr^{3+}, in Al_2O_3, fluorescence, resonant phonon trapping detected 2—19351
- Cr^{3+}, in ruby, microwave and optical spectroscopy 2—33249
- Cr^{3+}, in V_2O_5, e.s.r., spin Hamiltonian parameters detn. 2—4545
- Cr^{3+}, in YAG, thermal dependence of fluorescence line positions and widths 2—16621
- Cr^{3+}, in YAG and LuAl garnet, hyperfine interaction, ENDOR obs. 2—10582
- Cr^{3+}, lattice site in $MgCr_2O_4$, structural distortion 2—6438
- Cr^{3+}, octahedral complex in ionic cryst., overlapping and covalency effects on optical spectra 2—19990
- Cr^{3+} e.p.r. in $(NH_4)_2SO_4.Ga_2(SO_4)_3.2H_2O$ 2—10512
- Cr^{3+} e.p.r. in $ZnWO_4$, linewidth temp. depend. 2—10493
- Cr^{3+} e.s.r. in spinels, zero-field splittings 2—10501
- Cr^{3+} in Al_2O_3, spin-phonon interaction, ang. depend. 2—10286
- Cr^{3+} in ruby, acoustical dynamic nucl. polarization of ^{27}Al 2—29856
- Cr^{3+} in ruby, optically detected $\bar{E}(^2E)\rightarrow{}^4A_2$ cross relax., detailed investig. 2—40714
- Cr^{3+} in ruby and emerald, spin Hamiltonian in trigonal field 2—10494
- Cr^{3+} in $SrTiO_3$, domain struct. effect on fluoresc. 2—4494
- Cr^{3+} in triglycine sulphate, e.p.r. 2—10530
- Cr^{3+} in YAG, vibronic spectrum and fluoresc. lifetime 2—13507
- Cr^{3+} spin-lattice relax. in Al_2O_3 2—10264
- Cr^{3+} spin lattice relaxation in γ-irradiated ruby, Cr^{2+} effect, thermal cond. 2—40576
- Cr^{5+} e.s.r. in Cr-doped $SrTiO_3$ single crystals 2—20138
- Cr^{2+}CdS. e.p.r., spin Hamiltonian 2—13536
- Cu-Ni-Cr coating, testing at marine microclimate 2—1751
- Cu alloys, effect of Cr on rolling and annealing texture 2—3946
- GaAs:Cr, photoconductivity, in high electric fields 2—4301
- $LiAl_5O_8$:Cr^{3+}, absorption, fluorescence, e.p.r. and n.m.r. for low symmetry 2—4492
- MgO:Cr^{3+}, Raman relax. rates of Cr^{3+}, Debye model of phonons 2—40044
- $NaMgAl(C_2O_4)_3.9H_2O$:Cr^{3+}, luminesc. emission spectra rel. to Cr^{3+} conc. 2—26221
- Pd-Si: Fe, Cr, elec. resistivity, magnetic, and magnetoresistance, rel. to Kondo effect 2—25768
- TiO_2:Cr, rutile, travelling-wave maser 2—23561
- VO_2:Cr, struct. aspects of metal - insulator transition 2—25638

Chromium compounds
- alloy, dilute, magnetoelastic props. 2—13416
- chromates, double salts, crystal structure 2—29134
- chromel-alumel, alloy, thermocouple, reactor rad. influence on thermo-e.m.f. 2—16305
- chromites, mag. properties and mag. resonance 2—4529
- Elinvar, Young's modulus, effect of tempering 2—12823
- Elinvar film, domain struct. and remagnetization process 2—13406
- Hastelloy X, cyclic oxidation kinetics, 760-1200°C 2—40814
- high chrome steel, hot rolling 2—1362
- Inconel 706, heat treatment, props. and fabricability 2—29395
- Luna 16 soil conc. 2—20664
- nimonic 75 alloy, wear characts., rel. to surface temp. 2—39849
- spinels, Faraday and Kerr effects 2—26115
- trihalides, Faraday and Kerr effects 2—26115
- Tutton salts, crystal structure 2—29134
- Al-Cr dil. alloys, supersaturated, resist. due to localized spin fluctuations 2—16140
- Al-Cr dilute alloy, impurity resist., temp. depend. 2—40169
- Al_2O_3-Cr_2O_3 and Al_2O_3-Cr_2O_3-Fe_2O_3 systems, spinodal decomp. 2—29424
- Al_2O_3-Cr_2O_3 and Al_2O_3-Cr_2O_3-Fe_2O_3 systems, spinodal decomp. 2—29423
- Au-Cr alloy, mag. anisotropy, mag. torque obs. 2—26032
- Au-Cr dil. alloys, high temperature susceptibility in mean-random-field approx. 2—19824
- Co-Ni-Cr, ThO_2 dispersion strengthened, strength and corrosion resistance 2—19266
- Co-Ni-Cr alloy, precipitation by internal oxidation 2—9796
- Co-Ti-Cr alloy, precip. of γ'-Co_3Ti 2—9797
- Cr-Co(Fe) dil. alloys, localized impurity influence on spin density wave 2—16388
- Cr-Cu-Ni-Si alloy, age hardening behaviour rel. to cold working 2—32706
- Cr-Cu, alloy, immiscible film, thermally induced phase separation, nucleation, growth 2—6350
- Cr-Fe-C, alloy, transform. kinetics, austenite-proeutectoid ferrite, nucleation, growth rates 2—22359
- Cr-Fe-C alloy, austenitic, thermodynamic props., mass spectrometric investigation 2—29550
- Cr-Fe-Mn, alloy, antiferromag. b.c.c. phase, Invar property 2—36354
- Cr-Fe-Mn, alloy, phase diagram calc., electron probe microanalysis, 750-950°C 2—6645
- Cr-Fe-Ni-Ti alloy, γ' hardened, strengthening mech., precip., γ_{apb} calcs. 2—32733
- Cr-Fe-Ni alloy, particles, lattice parameters 2—12721
- Cr-Fe, dilute alloy, Mossbauer obs. in mag. field 2—10321
- Cr-Fe, powders, coarse and fine, isothermal sintering, exponential law, logarithmic time law 2—12982
- Cr-Fe alloy, austenitic, thermodynamic props., mass spectrometric investigation 2—29550
- Cr-Fe alloys, effect of pressure and alloying on itinerant antiferromagnetic ordering 2—36759
- Cr-Fe dilute alloy, hyperfine fields, Mossbauer obs. 2—40622
- Cr-Ge alloy, phase equilibria at high Cr content 2—32761
- Cr-Ir dil. alloys, antiferromag. and elec. resist. 2—40546

Chromium compounds continued
- Cr-Mn-Cu, alloy, nonmag., Elinvar-type, heat treated, cold worked, Youngs modulus, rigidity, thermal expansion, hardness, 123 673K 2—19160
- Cr-Mn, itinerant electron ferromagnet, phase changes, neutron scatt. obs. 2—26029
- Cr-Mn alloys, temp. depend. of mag. hyperfine field at ^{57}Fe 2—40621
- Cr-Mn alloys, vacuum u.v. spectra, comparison with sandwich structures 2—20021
- Cr-Mn(V) dil. alloys, de Haas-van Alphen effect, Fermi surface 2—1473
- Cr-Mo alloy, Seebeck coeff. rel. to para-antiferromag. transition 2—13415
- Cr-N alloy, resonant mode, electron-phonon interaction and exchange enhanced scatt. effects 2—40127
- Cr-N system, partial and integral thermodynamic functions 2—22377
- Cr-Ni, alloys containing B and Si 2—9892
- Cr-Ni alloy, ^{51}Cr self- diffusion, high temp. 2—12802
- Cr-Ni steel, effect of Si on weldability and structure of joints 2—3957
- Cr-Si-C, phase diagram, survey of Cr-rich area 2—40001
- Cr-Tb alloy, phase diagram 2—40002
- Cr-Ti dilute alloys, determ. magnetic susceptibility and electrical resistivity 2—10237
- Cr-V-Mn alloys Fermi surfaces, dHvA measurements, hole ellipsoids 2—4117
- Cr-V steel, effect of Mo content and yield pt. on creep rupture strength 2—29286
- Cr-W alloy, Seebeck coeff. rel. to para-antiferromag. transition 2—13415
- Cr-W system, grain boundary diffusion and interface reaction, Kirkendall effect 2—22246
- Cr-Zr-Nb-C alloy, stress rupture and ductility control by microstruct. modification 2—9692
- $(Cr,Fe)_2Ti_{n-2}O_{2n-1}$, crystallographic shear, lattice parameters 2—25243
- Cr (III) binuclear complex, $[(NH_3)_5Cr(OH)Cr(NH_3)_4(H_2O)]Cl_5.H_2O$, electronic spectra, 4.2-300 K 2—10377
- Cr complex, $[Cr_4(OH)_6(en)_6](SO_4)_3.10H_2O$, heat capacity and antiferromagn. spin interaction 2—19920
- Cr complex, $Cr_2O_7Mg.2[(CH_2)_6N_4]6H_2O$, X-ray study of structure 2—781
- Cr complex, $Cr(CO)_6$, all ab initio SCF-MO calcs. in better-than-minimal basis presented 2—21634
- Cr complexes, solid-state and rigid glass, refl. and luminesc. spectra 2—10376
- $Cr_{8/9}M_{16/9}\square_{1/3}S_4$, M=Al, In, crystal growth, elec., mag. meas. 2—3565
- CrAs, mag. transition, neutron and X-ray diffr., specific heat 2—10242
- Cr_2As, magnetic struct., neutron diffr. obs. 2—33170
- CrB, X-ray spectrum obs., density of states in conduction band and energy losses 2—40702
- CrB Kα doublet, intensity distribution 2—20056
- CrB_2, sp. ht. and resist. obs. of mag. props. 2—33171
- CrB_2, substituted, spin fluctuations 2—16395
- CrB_2, ultra soft X-ray spectra 2—29943
- CrC_x, effect on high strain fatigue resist. of stainless steel 2—9651
- $Cr(CN)_5NO^{n\pm}$, electronic structure, MO description and electronic transition assignment 2—3038
- $Cr(CO)_6$, liquid, Raman spectra, automatic assignment of observed frequencies and combinations 2—39369
- $Cr(CO)_6$ catalyst for CO oxidation 2—20177
- $Cr(CO)_6$ complex, electronic spectra interpreted using non-empirical molecular orbital calcs. 2—12124
- $Cr(CO)_5NH_3$ complex, electronic spectra interpreted using non-empirical molecular orbital calcs. 2—12124
- CrCx, porus material, production by vibration compaction 2—19290
- CrF_2, weak ferromag. moment, canting 2—40558
- CrF_4, molecule, bonding nature, from mol. rotational spectrum 2—8606
- $Cr_{2-x}Fe_{1+x}O_4$, cryst. struct. and phase transitions, X-ray obs. 2—22361
- $Cr_{0.8}Fe_{0.2}OOH$, thermal conversion to sesquioxide, paramag. to paramag. transform., Mossbauer obs., 400-900K 2—40628
- $CrFe_2Se_4$, mag. struct., neutron diffr., elec. cond., Mossbauer obs. 2—19908
- $CrFe_2Se_4$, thermal cond., 100 to 500 K 2—19459
- Cr(III) complexes, trigonal MS_6 type, MCD spectra 2—12161
- CrIII complexes, tris chromium sulphur chelates, absorption and emission spectra, vibr. structure, energy forbidden transitions 2—21596
- Cr(III) complexes with intramolecular exchange, e.p.r. obs. 2—8609
- $CrK(SO_4)_2.12H_2O$, temp. variation in mean magnetic moment, explanation in terms of soft-phonon mode near 193K 2—6938
- Cr_xM_{1-x}—M_x—$Cr_{1-x}C_3$, (M=Fe, Co, Ni), eutectic, directional solidification, feathered morphology 2—3441
- $Cr_2(MoO_4)_3$, struct. and phase relns. 2—9340
- CrN, discovery in Fe meteorites, carlsbergite 2—11022
- $Cr(NH_3)_5NO^{n\pm}$, electronic structure, MO description and electronic transition assignment 2—3038
- $Cr_xNb(Ta)S_2$ magnetic and crystal structures 2—3722
- CrNi film, sputtered, struct. and elec. props 2—39505
- CrO_2:S, mag. props. 2—36714
- Cr_2O_3-Al_2O_3, containing 0.01-4.98% Cr, e.p.r. spectra, optical fluorescence spectra, obs. 2—4549
- CrO_2, coexistence of localized and itinerant d-electrons 2—16093
- CrO_2, ferromag., ^{53}Cr n.m.r. obs. 2—13551
- CrO_2, high pressure synthesis and bond lengths 2—25253
- CrO_2, mag. props., impurity effects 2—16393
- $CrO^{3-}{}_4$, e.p.r. spectra, in $Ca_5(PO_4)_3Cl$, liquid helium temps. 2—4550
- $CrO_4{}^{2-}$, vibr. spectra, r.m.s. amplitude 2—3064
- α-Cr_2O_3, adsorption of CO_2, i.r. study 2—6381
- α-Cr_2O_3, adsorption of H_2O, D_2O and CO, i.r. study 2—6379
- α-Cr_2O_3, antiferro- and paramag. phase, Raman scatt. 2—16532
- Cr_2O_3, magnetoelec. relax. effects, relax. peaks, complex dielec. technique obs. 2—40547
- α-Cr_2O_3, O_2 chemisorption, i.r. study 2—6380
- Cr_2O_3, optical observation of stress-induced spin flop 2—4403
- Cr_2O_3, precipitation by internal oxidation in Co-Ni-Cr alloy 2—9796
- Cr_2O_3, solid phase interaction with Sm_2O_3 2—30054
- Cr_2O_3 inclusions in Cr, pressurization induced dislocation density 2—12850
- $Cr(OH)_3$ spheres suspended in water, electron micrographs and mechanism of formation 2—30717
- $1.8Cr_2O_3{\cdot}0.5SrO{\cdot}4.2Fe_2O_3$, paraprocess anisotropy at Curie pt., h.f. mag. field 2—6946
- Cr_2S_3, elec. and mag. props., rel. to deviation from stoichiometry 2—40522
- $Cr_2(SO_4)_3$, hydrated and anhydrous, permittivity rel. to dielectric behaviour of water of hydration 2—36578

Chromium compounds continued
- CrSb, X ray spectrum obs., density of states in conduction band and energy losses 2—40702
- CrSb Kα doublet, intensity distribution 2—20056
- CrSi, Si L-emission spectra 2—20086
- CrSi, thermal expansion, 100-1000K 2—32847
- $Cr_xSn_{1-x}Te$ alloys, prep. and mag. props. 2—33131
- Cr_2T_3 Kα doublet, intensity distribution 2—20056
- $CrTaO_4$-TiO_2 solid solution, struct., elec. and mag. props. 2—1224
- CrTe, Cr_2Te, Cr_2Te_3, Mossbauer effect, ionicity 2—4446
- Cr_2Te_3, X-ray spectrum obs., density of states in conduction band and energy losses 2—40702
- Cr_3Te, magnetic props. in ferromag. region 2—26036
- $Cr_xTi_{2-x}O_3$ solid solution, weak ferromag., neutron diffr., 77-300K 2—19875
- $CrVO_4$, thermal expansion characts. 2—6681
- Cu-Cr-Si alloy, internal oxidation, precip. morphology 2—29427
- Cu-Cr alloy, determ. of virtual product $N_0^{(s)}.D_0$ for scaling 2—26348
- Cu-Cr alloy, second phase formation and solution kinetics, specific resist. obs. 2—29428
- Cu-Cr dil. alloy, cold-drawn, annealing effects 2—36197
- Cu-Cr dil. alloys, localized moments, temp. depend. 2—40466
- Cu-Cr dil. alloys, nucl. spin-lattice relax. 2—36785
- Cu-Cr dilute alloys, nuclear spin-lattice relax. times, obs. and analysis 2—7003
- Cu-Cr system, solubility limits determ. 2—39923
- Cu-Zr-Cr alloys, role of Cr and Zr on rolling and annealing texture 2—3946
- Fe-Al-Cr alloy, oxidation resist. and mech. propos., effect of Ti and Mo 2—29430
- Fe-7.8 wt % Cr alloy, microstruct., transform., precip., potentiokinetic obs.29431 2—29431
- Fe-Al-Cr alloy, permeability of H_2, 300-700°C, oxide film effect 2—29216
- Fe-Co-Cr alloy, Cr additions rel. to long range ordering kinetics 2—29487
- Fe-Co-V-Cr alloy, Cr additions rel. to long range ordering kinetics 2—29487
- Fe-Cr-Al, alloy, defects rel. to heat treatment 2—32499
- Fe-Cr-C steel, martensitic, tempering, internal friction meas. 2—29393
- Fe-Cr-Co system, ductile permanent magnet 2—40474
- Fe-Cr-Ne, austenitic alloy, volume and intergranular diffusion, grain boundary energy, comp. depend. 2—12808
- Fe-Cr-Ni-C-Si-Mn-P-Si-Nb, chill cast roll iron, isothermal austenite decomposition 2—3996
- Fe-Cr-Ni, alloy, transitional ferrite phase form. 2—29435
- Fe-Cr-Ni, austenitic steel, magnetism and structural stability 2—26038
- Fe-Cr-Ni alloy, neutron irrad., embrittlement 2—1319
- Fe-Cr-Ni alloy, transitional ferrite phase form. 2—29434
- Fe-Cr-Ni alloys, austenitic, charging in H, effect on crack formation 2—6577
- Fe-Cr-Ni steel, austenitic, H embrittlement 2—29308
- Fe-Cr-Zr system, α-γ-δ type polymorphism 2—4018
- Fe-Cr alloy, diffusion coeffs., C impurity effects 2—12806
- Fe-Cr alloy, ferromag. transition, rel. to low temp. specific heat anomaly 2—13398
- Fe-Cr alloy, stress corrosion cracking mechanism 2—6574
- Fe-Cr alloy, yield strength, 77-400K, comp. depend. 2—39786
- Fe-Cr base alloy, austenitic, abrasive wear resist. 2—36177
- Fe-Cr dilute alloy, hyperfine field at Fe atoms, temp. depend. 2—13449
- Fe-Cr_7C_3 eutectic, oriented crystallization, struct., strength 2—3436
- Fe-Mn-Cr alloy, development for petrol engine exhust valves 2—3958
- Fe-Ni-Cr-C system, austenite phase, equilib. C content determ. 2—40007
- Fe-Ni-Cr-Ti steel, austenitic, plastic deform. rel. to σ-phase form. 2—29471
- Fe-Ni-Cr, steel, austenitic, B solubility 2—22339
- Fe-Ni-Cr alloy, effect of austenitizing conditions on martensite formation 2—32768
- Fe-Ni-Cr alloy, inoxidizable, austenitic, metastable, level in elastic limit 2—25478
- Fe-Ni-Cr alloy, martensitic transform. kinetics and martensite morphology 2—36277
- Fe-Ni-Cr austenitic matrix, carbide nucleation and precipitation, B effect 2—9810
- Fe-Ni-Cr steel, austenitic, stainless, B solubility, solubility curve, solubility boundary 2—22340
- $Fe_{36}Cr_{12}Ti_{10}$, χ-phase, dissociated anti- phase boundary 2—3791
- Mn-Cr dil. alloys, complex mag. interactions. resist. obs. 2—40561
- $Mn_{1-x}Cr_xAu_2$, helical to ferromag. transition 2—33135
- Ni-Al-Cr alloy, electrochemical seperation of intermetallic γ'-phase 2—30078
- Ni-Co-Cr-Mo alloy, heat resistant, σ-phase precip. mechanics 2—9821
- Ni-Cr-Al alloy, oxidation, 1000-1200°C 2—10624
- Ni-Cr-Fe alloy, defects rel. to heat treatment 2—32499
- Ni-Cr-Fe alloy neutron irradiation, extension rate, tensile strength, granular struct. 2—25513
- Ni-Cr-Mo alloys, corrosion, electrochemical behaviour 2—1754
- Ni-Cr-Mo powder alloy, heat treatment effect on elec. cond., mech. and corrosion props. 2—19280
- Ni-Cr-Nb-Co, alloy quenched and reheated, study of cell precipitation 2—25563
- Ni-(20 wt.%)Cr alloy, recrystallization effects of Al+Ti complex additions 2—25573
- Ni-Cr alloy, 1000-1350°C, degree of ionization and electrotransport phenomena 2—40179
- Ni-Cr alloy, comp. depend. of mag. moment 2—22688
- Ni-Cr alloy, creep, effect of grain size and precip. parameters 2—12872
- Ni-Cr alloy, influence of diffusion creep on precipitate-free zone form 2—29270
- Ni-Cr alloy, interfacial energy ratio, grain-twin boundary 2—9573
- Ni-Cr alloys, dil.. two-current cond. processes and spin mixing 2—1486
- Ni-Cr alloys, plastically deformed, recovery, elec. cond study 2—36120
- Ni-Cr dil. alloy, electronic struct. of virtual bound state 2—16110
- Ni-Cr elec. resist. heating alloys, lifecycle, added elements effects 2—32732
- Ni-Cr eutectic, oxidation, Cr_2O_3 layer formation and microstructure 2—4587
- Ni-Cr thick films, sputtered, deposition temp. effect on condensed phases 2—32371
- Ni-Cr thin film, struct. and resist. 2—32373
- Ni-(25 wt.%)Cr alloy, ^{51}Cr electrotransport, diffusion coeff. 1272 2—1272
- Ni-Pt-P-Cr alloys, amorphous, elec. resist. and mag. susceptibility 2—6761

Chromium compounds continued
- Ni_2Cr alloy, critical shear stress, ordering effects 2—9662
- Pd-Cr alloys, electron transport props. and sp. ht., below Kondo temp. 2—29615
- Pt-Cr alloys, electron transport props. and sp. ht., below Kondo temp. 2—29615
- Ti-Al-Cr and Ti-Al-Cr-Mo alloys, strength and plasticity 2—36142
- Ti-Cr alloy, continuous cooling transform., rel. to ω phase precipitation 2—29481
- β-Ti-Cr alloy, isothermal phase transform. 2—12979
- $V_xCr_{1-x}B_2$, n.m.r., antiferromag. transition obs. 2—36781
- Zn-Cr extremely dil. alloy, resist. 0.4-30 K, Kondo model 2—16148
- Zr-Cr alloy, corrosion in steam, 325-700°C, rate law 2—20191
- Zr-Cr alloy, lattice strain, crystallite size and hardness 2—22291
- $ZrCr_2$, wave dispersive electron beam microanalysis and energy dispersive scanning microscopy 2—22167
- Zr—Cu—Cr alloys, struct. transforms. on continuous cooling 2—1391

Chromosphere
- acoustic natural modes in a model solar atmosphere rel. to 5 minute periodicity in gas vel. 2—14018
- active, magnetic coupling to the solar interior 2—26924
- Alfven waves, supergranulation-driven, effect on solar wind microstructure 2—37391
- bright and dark mottles at centre of Hα, isophote map 2—23132
- corona transition region, hydrodynamic model from radar obs. 2—37414
- corona transition region, physical state parameters from total spectral line intensities 2—35679
- corona transition region, structure and energy balance, model 2—26928
- corona transition region, theoretical and empirical models 2—30639
- double limb as height meas. 2—30635
- fine structure of solar magnetic fields from chomospheric structure 2—37396
- fine structure study at the limb 2—11141
- flares, as sources of directed corpuscular streams 2—30630
- flares, transfer of Lyman continuum radiation 2—26923
- gas motions, solar photospheric temperature profile 2—5012
- heating, rel. to small scale magnetic fields 2—11037
- interspicular regions, coronal lines at 1970 total eclipse 2—41246
- K-line network, intensity variations with time 2—17050
- low, magnetic field, 5-minute oscillations 2—11036
- lower, meas. of non-thermal velocities from rare-earth emission lines in wings of H and K lines 2—17088
- Lyman-α line brightness during 1970, March 7 total solar eclipse 2—33771
- magnetic field det. from obs. of active regions at mm. wavelengths 2—11143
- magnetic fields at different levels 2—11112
- magnetic flux ropes, kink instability suppression 2—37416
- magnetically trapped electrons and protons 2—30638
- magnetograph, application to interpretation of magnetic field structure of active regions 2—11115
- middle, structure of H alpha fibrils 2—17089
- models, effect of two dimensional macroscopic velocity fields 2—30603
- network, spectroheliograms of quiet regions 2—11144
- nonradiative energy input from H^- emission 2—20707
- optically thin, isothermal, radiative relaxation of sound waves 2—37412
- photosphere transition region, spectral line variations 2—41225
- radiative-conductive coupling, perturbation analysis 2—23133
- radio obs. at mm and cm wavelengths, high resolution 2—41237
- shock waves in interplanetary space after flares, power law piston and point explosion models 2—37375
- solar chromosphere anomaly and general structure of stellar atmospheres 2—23134
- solar flares, time development, magnetic deflection near sunspots 2—5014
- spectral investigation of fine structure 2—11140
- structure, inhomogeneous, determ. from Lyman continuum data 2—41245
- transition zone with photosphere, inhomogeneities study from the CaII i.r. lines 2—11052
- weak shock theory, discrepancies 2—26926
- Ca II k line, multicomponent models 2—37383
- H ionization equilibrium, resonance line transfer 2—26925
- Hα absorbing features, appearance and development of active centres 2—30637
- Hα fine structure, interpretation of fibrils and threads 2—17090
- Hα fine structure at active region polarity boundaries 2—17091
- He 10830 Å and Hα line spectrheliograms, supergranules and fine structure 2—37413
- HeI 10830 angstrom line measurement of magnetic fields 2—11142

Chronographs *see Time measurement*

Cinematography
- *see also Cameras*
- audio-visual, super-8 film plus optical sound 2—8049
- colour, two new cameras, new high-speed Super 8 film, available light 2—2473
- composite, front projection process 2—27678
- fibre optic for obs. of female reproductive organs 2—26960
- film projector, commutation system 2—38176
- image quality, information evaluation 2—5454
- i.r. fluoroscopic image photography, opto- electronic image converter 2—2476
- Kerr shutter, use of nanosecond modulator 2—17754
- recording of emission spectra (3000 - 9000 Å in kinospectrograph 2—328
- remote control system, soundtrack synchronization 2—27682
- schlieren, Xe plasma diagnostics applic. 2—21825
- short access 8mm films for teaching 2—2050
- spatial pulse modulation of optical signals applications 2—7963
- teaching aid, cine films, higher education 2—12
- telescopes, astronomical motion picture photography 2—5023
- TV and film lighting requirements and lamp characteristics 2—5444
- widescreen anamorphic films, production and release printing technology 2—5459
- Nd:glass laser with periodic Q-switching as source of discrete train of light pulse for high speed cinematography 2—27499

Circuits
- *see also Amplifiers; Counting circuits; Oscillators*
- A/D convertor for cosmic ray expts. 2—30974
- a.c. resistance bridge, high resolution, four-terminal, for use with low temp. resistance thermoms. 2—37872
- ammeter, electronic zero resist. type, with instantaneous null characts., for corrosion studies 2—17515

Circuits continued
- amplifier, biased, for high resolution spectroscopy 2—23490
- amplifier, biased, for high resolution spectroscopy 2—30972
- biological stimulus isolator, suppressed carrier r.f. 2—14022
- bridge, propagation delay time, displacement damage effects in bipolar transistors 2—21009
- broadband converters for current conversion sequence of pulses 2—31369
- capacitor-discharge, time-dependent critical damping 2—11412
- coaxial integrated nanosecond pulse generator and laser using double transmission line as energy storage element 2—31031
- computer simulation with systematic selection of transistor models 2—17516
- continuously ON devices, prediction of transistor annealing factors from electrical obs. 2—17519
- counting interval normalization for low signal level spectroscopy 2—27660
- current regulator, h.v., for laser gas discharge tubes 2—27392
- current supply, 1 amp., stable to one part per million per hour 2—30975
- damping of pulsed n.m.r. single coil probe 2—2331
- digitizers, vernier time interval, for nuclear lifetime obs. 2—8241
- discharge lamps, pulsed, obs. of energy losses 2—28663
- distributed RC notch filter, dual input configuration 2—30971
- double frequency conversion, for recording ^{1}H and ^{19}F n.m.r. spectra on proton radiospectrometer 2—27377
- electronics course for the average child 2—37543
- electronics for college science students, elementary practical course 2—37548
- encapsulation by vacuum deposition of polymers 2—14054
- feedback control scheme X-ray topography 2—15696
- filtering, trapezoidal, of signals from Ge detector at high rates 2—27389
- horizontal time base sweep generator for travelling wave oscilloscope 2—7868
- IC, bulk negative differential mobility element analysis 2—11413
- integrated, modelling for normal and radiation effects behaviour 2—17518
- ion source, pulsed, producing pulses of nanosecond length for accelerator 2—18031
- laser cavity, stabilization device, patent 2—34380
- linear microcircuits for computer aided systems analysis, terminal models 2—17517
- linear to suppress terrain effects on geophysical maps of magnetic field 2—26546
- linearizer for thermodetector characteristics 2—23409
- LRC series circuit, magnitudes and phases of voltages across capacitor and inductor 2—27384
- LSI/m.o.s. logic system modelling and radiation effects 2—17520
- lumped parameter for obs. of multiband structure 2—14328
- lumped RC network as analogue model of deformation resulting from diffusion 2—2327
- lumped RC network as analogue model of diffusion through membrane 2—2326
- magnetic field compensation device for calibrating gauges of weak constant magnetic fields 2—21018
- measurement, for narrow range temperature meters 2—23408
- for minimal auditory intensity differential stimulus device 2—33793
- moisture meter, u.h.f., for solid and friable materials 2—19230
- molecular-flow networks, elec. circuit analogies, mol. wt. meas. app. design 2—39241
- m.o.s./LSI, transient ionizing radiation effects 2—19737
- multiplication, h.v. source for 2 MeV ion and electron accelerators 2—18054
- negative resist. charact. in cct. with Mylar film in series with resist. 2—11414
- picosecond streak camera, laser triggered avalanche transistor voltage generator 2—17753
- pulse generator, microsecond using series coupled Si controlled rectifier 2—37873
- pulse generator, with equiprobable amplitude spectrum, linearity monitoring of particle spectrometers 2—24067
- pulse generators, vacuum spark relays, solid state laser ignition 2—17620
- Q-meter, d.c., correction for nonlinearity 2—34284
- RC transmission line, self-similar solution rel. to partial differential equation teaching 2—17164
- for remote obs. of thin film sheet resistance 2—2328
- resistor-capacitor line, teaching demonstration of backward wave 2—33849
- r.f. gate for spin-echo applic. 2—20999
- semiconductor devices reverse current meas. apparatus using multivibrator 2—22574
- for semiconductor impurity distrib. meas. 2—15775
- spark timing circuit, solid state 2—17514
- for spectrophotometer, double beam u.v.-visible 2—8040
- stabilized d.c. source for standard temperature lamp 2—23715
- T-shaped bridge in h.f. meter for dielectric constants and loss angle tangent meas. 2—23482
- temperature compensation for strain gauge transducer using active transistor circuit 2—11415
- thermal compensation, for thermistor, design 2—23489
- time-locking, for photomultiplier operating in Cerenkov total absorption spectrometer 2—21320
- transistorized device for automatic frequency tuning of master oscillator of pulsed coherent n.m.r. spectrometer 2—34270
- trapezoidal filtering of signals from Ge detectors at high rates 2—31367
- TTL, radiation hardened, response to flash X-rays, neutrons and electrons 2—18019
- tunable series resonance for massive feedback control of plasma drift instability in Q-machine column 2—21858
- twin-T bridge acoustic spectral analyzer improvements 2—27280
- voltage supply for electrostatic analyzers for atomic collision expts. 2—2329
- voltage-to-frequency converter, performance 2—17522
- work function, Planck's const., charge accumulation method, meas. apparatus 2—36621

Clathrates *see Molecules; Organic compounds*

Clay
- e.p.r. signals, rel. to radicals in lattice 2—10474
- kaolinite, dielectric constant and loss during dehydration 2—33045
- Laponite, suspensions, transient scatt. processes induced by pulsed fields 2—15621
- metahalloysite, dielectric constant and loss during dehydration 2—33045
- rheological behaviour of soils when subjected to dynamic loading 2—1298
- strength decrease due to exchange of adsorbed cations 2—29281

Cleavage
- alkali haldie crysts., technique avoiding surface pollution, for reflectivity obs. 2—16469
- brass, fatigue rupture, surface morphology 2—12907
- brittle material under double cantilever beam cleavage, crack behaviour 2—15875
- crack, brittleness determ. method for single cryst. 2—1317
- dynamical analysis, fracture surface energies 2—9701
- mica, muscovite, under water, secondary cleavage 2—6396
- pyrographite, surface energy, water and aqueous ethanol effect 2—28998
- Al_2TiO_5, rel. to cryst. struct. at room temp. and 600°C 2—39630
- $B_{12}C_3$, crystal morphology 2—9455
- $CaCO_3$, synthetic, etching obs. 2—25249
- CuBr, cleavability 2—39581
- α-Fe, fracture initiation and propagation, twin intersection 2—12883
- KCl, cryst., grown from melt, computer simulation 2—29083
- MgO, cleaving in electron microscope 2—25309
- Si, atomic mismatch on closure of controlled partial splits, shear displacement 2—19095
- Si, surface characterization by ellipsometry 2—25187
- Ti-$TiC_{0.52}$ two-phase platelets, optical metallography, electron microfractography 2—6582
- VC crystal, cleavage fracture surface energy 2—22288

Clebsch-Gordan coefficients *see Field theory, quantum; Nucleus/theory; Quantum theory*

Climatology *see Meteorology*

Clock paradox *see Relativity*

Clocks *see Time measurement*

Cloud chambers
- control and monitoring circuitry 2—14778
- discharge, for detection of charged particles, possible use for studying cosmic ray interactions 2—27788
- ionization increase, modification of Sternheimer formula for energy loss of particles 2—21334
- Wilson, false curvature of tracks 2—24101

Clouds
- *see also Nucleation*
- absorption spectra in cloudy atmospheres, laboratory simulation 2—7303
- ageostrophic wind determ. from satellite data for cloudiness 2—7276
- artificial Sr, resonance scattering of sunlight 2—30319
- atmosphere interaction with ocean, fog and cloud formation 2—30288
- bands, effect of observed profile curvature, theory 2—13715
- charged, electrical screening layer acquired by droplet capture of ions 2—1862
- cirrus formations, rel. to severe local storms 2—13711
- contamination, diffusion and precipitation to great distances, atmospheric effects 2—20398
- convective, formation and prediction, rel. to thunderstorms, and synoptic scale systems 2—13709
- cover, atmospheric model luminosity distrib. 2—26499
- cover measurement using satellite photography 2—7202
- covering degree, automatic determ. 2—7295
- cumulus, developing, destruction by explosions 2—26493
- cumulus, vertical air movements, structure, statistical properties 2—20341
- cumulus and stratocumulus, ice crystal concentrations 2—20343
- cylindrical particle, importance of anisotropic scattering and searchlight effect on angular dist. of thermal radiation determ. 2—17415
- Cytherean, absorption and scattering CO_2 band and H_2O line 2—33747
- distribution over tropical oceans and effect of ocean surface temp. 2—1870
- electrification, laboratory expt. 2—7291
- elongated particles, scatt. and emission of radiation 2—10729
- formation theory, from condensation of water in air filled hollow drops theory 2—32210
- haze scattering in tropics, wavelength exponent by photoelectric photometers 2—37205
- height of top. obs. using i.r. radiation reflection 2—26497
- ice content, contact nucleation of water drops by aerosols 2—18859
- ice droplets formation in supercooled clouds by disruption in strong electric fields 2—1864
- ice melting electrification depend. on earlier freezing rate 2—7292
- intracloud discharges, net electrostatic field changes 2—10734
- ionization in upper atmosphere, initially spherically symmetric, diffusive motion 2—30329
- ionosphere, inhomogeneous structure det. from Doppler shifts of coherent radio frequencies 2—30352
- i.r. emission 2—1817
- i.r. radiative fluxes, Cu-clouds, statistical cloud characteristics 2—33465
- layers, plane-parallel, radiation intensity, angular distribution 2—4689
- lidar reflectance of fair weather cumulus at 0.903 μ 2—30283
- light field characteristics with point collimated stationary source 2—4688
- microstructure, scattering of e.m. waves by arbitrarily oriented ice cylinders 2—30282
- model, analogue, using electrical parameters 2—37149
- nacreous or 'mother-of-pearl' cloud over Scotland 2—40957
- noctilucent, obs. during 1885-1901 period 2—20383
- noctilucent, twilight probing with electrophotometers 2—7326
- radiative transfer of i.r. radiation 2—26494
- raindrop growth, coalescence with cloud droplets, photographic and visual observation 2—1863
- r.f. forward and backscattering by spherical overdense clouds 2—33485
- seeding ice formation, effectiveness of CuS 2—40954
- three dimensional information using infrared thermal imagery in satellites 2—20347
- thunderclouds, conductivity after lightning 2—1877
- turbulent, coalescence obs. of small droplets 2—20344
- turbulent effect on distrib. of sizes of droplets growing by condensation 2—20345
- Venus, atmosphere, spectroscopic evidence for structure of visible clouds 2—23114
- Venus, atmosphere and surface, geochemical and meteorological perspectives 2—26853
- Venus, upper clouds, composition from occultation, transit and spectral data 2—41199
- visible light scattering, angular transmittance 2—22967
- water, supercooled droplets, effect of CuS on freezing 2—39424
- Ba, ion clouds, laser radar detection, dye laser tuned to Ba II resonance line 2—30351
- Ba ion, striation formation, growth from release at 194 km 2—13733

Clusius-Dickel columns *see Isotope separation*

Coal
MHD open-cycle generator, slag condensation 2—11424
permeability, mechanical, effects of triaxial stress 2—13603

Cobalt
activator of thermolum. $Li_2B_4O_7$ 2—27900
adsorption of S, struct. study using LEED 2—6359
atom, $L\alpha$ line shapes near threshold of excitation 2—21506
atom, X-ray K-fluoresc. yields 2—8443
atoms, soft X-ray spectra, classification 2—5786
Auger spectrum, LLM and LMM transitions 2—13361
in blood, neutron activation anal. 2—20220
in brine, atomic absorption spectroscopy obs. 2—10661
bubble domain formation and structure in thin crystals 2—19863
in CaS phosphor, cathodoluminesc. decay time reduced 2—26248
in cemented carbides, X-ray analysis in scanning electron microscopes 2—4620
crystal, internal magnetostriction, symmetry considerations 2—4359
diffusion, in Cu, correlation factor and mass dependence 2—36617
diffusion, in Fe-Co alloy, effects of α-γ, order-disorder, and para-ferromag. transitions 2—39741
diffusion in Co_2SiO_4 2—32566
diffusion in NiO, correlation factor and effect of Co addition 2—36079
electrical resist. and absolute thermopower, 90 to 1250K 2—19454
electron energy loss spectra, low energy peaks, oxide effects 2—29583
energy loss and straggling of 0.6 to 2.0 MeV protons, meas. by gamma resonance shift method 2—4088
epitaxial film, anomalously high elastic strains 2—32361
fast neutron irradiation, resist. recombination volume 2—25763
Fermi surface, low freq. dHvA effect obs. 2—25754
film, adsorption of oxygen, surface potential study 2—12683
film, amorphous, magnetoresist. 2—33151
film, bubble domain nucleation 2—26048
film, elect. cond., thickness and annealing temp. depend., cond. electron m.f.p. calcs. 2—6349
film, electron energy losses 2—6704
film, evaporated, calc. of radial distrib. functions for multiply-twinned particles 2—25197
film, ferromag., texture and internal stress effects on perpendicular anisotropy 2—6982
film, noncryst., structure, elec. diffraction obs. 2—6429
films, caesiated, spin polarization of photoelectrons, band structure theory of ferromag. study 2—25980
foil, temp. stability of bubble domains 2—36699
heat of sublimation, mass spectrometric obs. 2—36351
high energy, in near-earth space, rocket borne scintillation and gas Cerenkov counters 2—23054
hyperfine fields of ^{75}As 2—36806
impurity in steel, rel. to secondary hardening during ageing 2—29398
internal friction, near 300°C 2—12831
K-absorption spectra, comparison with results for Co complexes 2—36913
liquid, solubility of N and C, scaled particle theory 2—21965
liquid, thermodynamic props. determ. by levitation calorimetry 2—21979
magnetic form factor, high temp. f.c.c. phase 2—36708
magnetic properties, depend on phase comp. and texture for electrodeposited Co 2—1624
martensite transformation, shape memory effect 2—9789
meteorite content, chemical analysis 2—11020
phase transform., $\alpha \rightarrow \beta$, exoelectron emission temp. depend. 2—40386
phase transform. rel. to double Bragg scatt. 2—36279
photoabsorption cross sections calcs. 2—22779
polycrystalline, mag. domain struct., Kossel line obs. in scanning elec. microscope 2—33126
powder, aerosol, partial hysteresis cycles at various degrees of oxidation 2—16376
recrystallization termination, interference of allotropic transform. at 440°C, internal damping obs. 2—39886
seawater, uptake by Aeolian dust 2—22948
solar energetic-particle events, composition, enrichment of very heavy nuclei 2—11082
spectrochemical analysis in Fe and steel, interference 2—10668
sphere, Fermi surface and mag. field seen by carriers 2—40157
spin echo of ^{59}Co, impurity effects 2—13549
stacking fault contrast, cryst. thickness depend. 2—9569
surface studies, combined Auger and charact. loss. spectra obs. 2—3484
thermal cond., 90 to 1250K 2—19454
thermopower anomaly at Curie pt. 2—1582
thin film, electrodeposited, internal stresses meas. device 2—39508
thin film, mag. props., applic. of vertical astatic magnetometer 2—27405
X-ray emission spectra, Lorentzian representation of line shape 2—40699
in $Bi_{0.3}Ca_{2.68}Pb_{0.02}V_{1.35}Fe_{3.65}O_{12}$, anomalous mag. reson. 2—10462
$CdS:Co^{2+}$, hyperfine consts., ENDOR study 2—40788
β-Co fine particles, Mossbauer effect, mag. transition associated relax. behaviour 2—1626
Co X-XVII, classification of emission lines from $3s^23p^n$—$3s3p^{n+1}$ and $3p^n$—$3p^{n-1}3d$ transitions 2—21519
Co XVII, relativistic corrections to ionization energies and dipole oscillator strengths 2—8445
Co^{2+}, ferrimag. resonance in BiCaVI garnet crystal 2—4534
Co^{2+}, field splitting in orthorhombic alkali metal sulphate crystals at low temps. 2—36866
Co^{2+}, hydrated, e.p.r. in $ZnSeO_4.6H_2O$ 2—10525
Co^{2+}, in Li ferrite, ferromag. relax., spin wave decay, disordering effects 2—36971
Co^{2+}, in MnF_2 antiferro- and paramag. phases, Raman scatt. 2—16530
Co^{2+}, in octahedral environment, lattice-ion interaction 2—7018
Co^{2+}, in TiO_2, rutile, ENDOR, hyperfine consts. detn. 2—26313
Co^{2+}, octahedral complex in ionic cryst., overlapping and covalency effects on optical spectra 2—19990
Co^{2+} e.s.r. in rutile 2—16650
Co^{2+} e.s.r. in rutile 2—16651
Co^{2+} in CdTe, e.p.r., super-h.f.s., Koster-Statz effect 2—10502
Co^{2+} in $KMnF_3$, e.s.r/ENDOR, hyperfine interactions 2—20144
Co^{2+} pairs in $ZnWO_4$, e.p.r. 2—1730
Co^{3+}, in rare earth iron garnets, control of bubble domain props. 2—22692
^{57}Co surface layer diffused on Ni-Al alloy, Mossbauer effect 2—40619
^{60}Co, Ge detector for obs. of γ-rays from 2—24090
^{60}Co rotation dose distribution obs. 2—2038
α-Fe_2O_3:Co micropowders, mag. props., lattice parameters 2—16386
GaAs:Co, absorp. spectra, optical transitions from valence band to acceptor states 2—33260

Cobalt continued
Ge:Co, excited by laser rad., electron-hole recomb. at deep impurity centres 2—22558
KCl:Co, X-irrad., optical bleaching and F- to M-centre conversion 2—22231
$MgO:Ca^{2+}$, Raman spectra, first order, impurity induced lattice vibrs. 2—16555
$ZnSeO_4.6H_2O:Co^{2+}$, optical activity 2—16420
$ZnSeO_4.6H_2O:Co^{2+}$, optical activity 2—19966

Cobalt compounds
alloy, cermet hard, with varying Co conc., prep. 2—39952
alloy, Haynes No. 188, struct., props. and manufacture 2—39920
alloy, molten, solubility of nitrogen 2—9767
Alnico, domain struct. change during partial hysteresis cycle 2—13388
Alnico, ferromagnetic phases, indirect evaluation of individual props. using electrochem. means 2—26031
Alnico crystal, mag. struct., remagnetization 2—1621
Alnico-V alloy, 0.5%Ti, metallurgical and mag. props. 2—4368
antigorites and talcs, antiferromagnetism 2—36761
Co alloy with 10% carbides, sintering process, elec. and mag. obs. 2—19240
c.p. alloys, stacking order stability 2—12713
ferrites, polycrystalline, meas. of Young, rigidity and bulk moduli at room temp. 2—36097
heteropoly complexes, exchange interactions between pairs of differing magnetic spins 2—40464
Luna 16 soil conc. 2—20664
rare earth cobaltides, RCo_5 permanent magnet, prep. by pressing and sintering 2—19883
rare earth-cobalt alloy permanent magnet characterization 2—40515
rare earth-cobalt alloys, permanent magnet characts. 2—40516
rare earth-cobalt intermetallics, coercive force, nucleating fields, ang. depend. 2—40491
rare earth-cobalt magnet processing 2—39896
Ticonal, conjugation of metastable phases 2—12976
Vicalloy, domain struct. change during partial hysteresis cycle 2—13388
$[Co(NH_3)_5Cl]Cl_2$, structure, lattice dynamics meas., X-ray obs. 2—3704
$[Co(NH_3)_5H_2O](ClO_4)_3$, structure, lattice dynamics meas., X-ray obs. 2—3704
$[Co(NH_3)_5NCS](NO_3)_3$, structure, lattice dynamics meas., X-ray obs. 2—3704
$[Co(NH_3)_6](NO_3)_3$, structure, lattice dynamics meas., X-ray obs. 2—3704
Ag-Co two-phase targets, reduced sputtering yields 2—32864
Al-Co, X-ray emission spectrum study of band structure 2—36911
Al-Co system, intermetallic phases, peritectic transformations 2—4014
α- alloy, elec. resist. vs quenching temp. and isothermal annealing time 2—1346
C_2O_3 electronic phase transitions with symmetry change 2—15955
$CeRu_{2-x}Co_x$ dil. alloys, supercond. T_c depression and mag. susceptibility 2—1495
Co-Al-Mn alloy, saturation magnetisation, Mn content effects 2—40465
Co-Al alloy, coercivity rel. to cryst. anisotropy of Co precipitate 2—22686
Co-Ce alloys, liq., local mag. moment of Ce 2—6244
Co-8.8 wt.%Cu alloy, precip., complex form. 2—25593
β-Co-γ-Co_2Ta, eutectic system, microstruct., lamellar faults, branching, subgrain boundaries, precip. 2—12720
Co-Cu, alloy, melt, dissolution of O_2, enthalpies of reaction, e.m.f. obs., activation parameters 2—3956
Co-Cu, alloy, single crystals, containing coherent precipitates, work hardened, plastic behaviour, dislocation arrangement 2—3936
Co-Cu_3Au alloy, precip.-hardening electron microscope obs. 2—29383
Co-Er, intermetallic compound, struct., disordered substitutions, X-ray obs. 2—6452
Co-Fe-Cu-Ce alloy, permanent magnet, directional solidification 2—25594
Co-Fe-Ge alloy, mag. hyperfine spectra, Mossbauer obs. 2—40620
Co-Fe-Mo, alloy, quenched from $\alpha+\gamma$ field, transform. microstructs. 2—12998
Co-Fe-Nb alloy, cold drawn, annealed, hardness, coercive force, magnetization 2—1625
Co-Fe-Ni/NbC(TaC) fibre reinforced eutectic systems, directional solidification, sogt magnet 2—3438
Co-Fe-Ni-Cu ferrites, magnetostrictive, magnetomech. props., 233-373K 2—40529
Co-Fe-Ni-Nb alloys, semihard mag., for remanent reed switch applics. 2—40463
Co-Fe-V, alloy, order-disorder, long range ordering kinetics 2—29487
Co-Fe, alloy, order-disorder, long range ordering kinetics 2—29487
Co-Fe, ferromag., conc. depend. of av. mag. moment, Ising model calc. 2—16351
Co-Fe alloy, elastic moduli 2—39757
Co-Fe alloy, neutron scattering by spin waves, effect of phonon scattering 2—29808
Co-Fe alloy, thermodynamic functions, activities, mass spectrometric obs. 2—36351
Co-Fe alloys, cryst. growth, suppression of striations 2—25268
Co-H(D) solid solution, thermodynamic function, calc. 2—3961
Co-M dilute alloys, M=Os, Ru, Ir, Fe, Re, Cr, resistivity origin, spin-disorder effects 2—16364
Co-Mo, alloy, liquid state, density meas. 2—3374
Co-25wt.%Mo alloy, CaF_2-BaF_2 eutectic-impregnated, friction and wear obs. 2—12917
Co-Ni-Cr-Mo alloy, precip. hardening and phase transformation 2—19296
Co-Ni-Cr alloy, precipitation by internal oxidation 2—9796
Co-Ni-Cr alloys, ThO_2 dispersion strengthened, strength and corrosion resistance 2—19266
Co-Ni-Ti alloy, decomposition, modulated structure 2—9467
Co-Ni, alloy, liquid state, density meas., structure 2—3374
Co-Ni alloy, martensite transform., shape memory effect 2—9789
Co-1.7 wt.% Be alloy, metastable struct. states in solid soln. decomp. 2—32450
Co-1 wt.% Be-7 wt.% Ta alloy, metastable struct. states in solid soln. decomp. 2—32450
Co-Ni alloy, Nernst-Ettingshausen effect rel. to Hall effect 2—32920
Co-Ni alloy, thin film, Hall effect and magnetoresist. 2—13403
Co-P, noncryst. film, structure, elec. diffraction obs. 2—6429
Co-P film, chemical deposition, magnetization 2—13404
Co-Pd-Si alloy, amorphous, ferromag. reson. 2—7110
Co-Pd alloy, ordered phases, elec. diffr. obs. on evap. single crystal films 2—32781
Co-Se system, P-T phase diagram 2—12609

Cobalt compounds continued
- Co-Sm alloys, permanent magnet, magnetization changes, under heating up to 650C 2—26035
- Co-Te system, phase relns. and thermodynamic props. 2—19311
- Co-Te system, stoichiometry, Mossbauer obs. 2—16433
- Co-Ti-X alloys, X=Cr, Fe, Ni, precip. of γ'-Co_3Ti 2—9797
- Co-U-O system, $CoUO_4$ stability, $Co_3U_2O_8$ phase 2—15958
- Co-W, alloy, liquid state, density meas. 2—3374
- Co-W, supersaturated solid solution, decomposition, thermomagnetic obs. 2—3986
- Co-WC alloy, slip lines, deform. mech. electron microscope obs. 2—32531
- Co-rare earth metals alloys, permanent magnet, magnetization changes, under heating up to 650°C 2—26035
- $(Co,Mn)F_2$, disordered antiferromagnet, study of mag. excitations by inelastic neutron scattering 2—4405
- Co (III) complexes, symmetric, n.m.r. studies of solutions 2—1119
- Co alloy, WC grain growth kinetics 2—12933
- Co complex, $[(C_2H_5)_4N]_2CoCl_4$, susceptibility meas. data on phase transition 2—33105
- Co complex, acetylacetonate alkylamine complex, p.m.r., contact and pseudocontact shift study 2—28283
- Co complex, $D_3Co(CN)_6$, low temp. neutron diffraction study, N-D dist. H bond study 2—15715
- Co complexes, diphenyl-dithiophosphinates of Co(ii) and tris-(isonitrosoacetophenonato) Co(iii), K-absorption spectra, comparison with results for the Co metal 2—36913
- Co complexes, stereochemistry, X-ray obs. 2—32452
- Co II complexes, $A_2A'Co^{II}(NO_2A)_6$ type, semiconducting 2—9980
- Co^{2+} complex, 'oxinate'. u.v. and visible reflectance spectra 2—22751
- CoAl, elec. resist., thermo-emf, Hall effect 2—6760
- CoAl, Kondo effect and ferromagnetism, conc. variation in near-stoichiometry region 2—22489
- $CoAl_2O_4$, transport phenomena, small polaron model 2—25814
- $CoAs_3$, skutterudite, cryst. struct. 2—6428
- $Co_3B_7O_{13}I$, ferroelectric phase transition, sp. ht. anomaly, press. effect 2—25926
- $Co_3B_7O_{13}I$, piezoelec. coeff. determ. 2—22622
- $Co_xCd_{1-x}Fe_2O_4$, struct. and mag. props., comp. depend. 2—1639
- $CoCl_2$, electronic Raman scatt. 2—16531
- $CoCl_2$, exchange splitting of excited Kramers doublet in i.r. spectra 2—40660
- $CoCl_2$, layer-like, adsorpt. of rare gases, first-layer formation by 2D condensation 2—22087
- $CoCl_2$, layer-type crystals, u.v. and soft X-ray absorpt. spectra 2—20033
- $CoCl_22H_2O$, antiferromag., p.m.r., high mag. field, metamagnetic transitions, 4.2 K 2—20157
- $CoCl_2.2H_2O$, approx. Ising system, n.m.r. of ^{59}Co 2—33352
- $CoCl_2.2H_2O$, interacting magnons 2—22696
- $CoCl_2.2H_2O$, magnetiz. process, computer simulation 2—19919
- $CoCl_2.2H_2O$, metamag. transitions, temp. depend. 2—10241
- $CoCl_2.6H_2O$, far i.r. absorpt., deuteration effects, vibrs. obs. 2—22756
- $CoCl_2.6H_2O$, meas. of perturbed angular correlation for 3/2+ excited state of ^{57}Fe, also obs. in aqueous solns., determ. quadrupole interaction freq. 2—40595
- $CoCl_2.6H_2O$, n.m.r. of deuterons, quadrupolar coupling, hydrogen bonds 2—13550
- $CoCl_2.6H_2O$, sp.ht., critical phenomena 2—6677
- $CoCr_2O_4$, mag. phase transition, mag. resonance obs. 2—4529
- $CoCr_2S_4$ films, sputtered, struct. 2—15664
- CoF_2, antiferro- and paramag. phases, Raman scatt. by excitons 2—16530
- CoF_2, antiferro- and paramag. phases, light scattering and exciton relaxation 2—16456
- CoF_2, pressure induced polymorphism 2—15732
- CoF_2, sound velocity and elastic consts., Mandelstam-Brillouin scatt. obs. 2—16580
- CoF_2, two-magnon light and neutron scatt. 2—40545
- $CoF_2SHF.6H_2O$, sp. ht. anomalies in 240-275 K region 2—22421
- $CoF_2.5HF.6H_2O$, internal motions, n.m.r. obs., 90-400K 2—40779
- $CoFe_2O_4$-Cp_3O_4, spinodally-decomposed, coarsening kinetics, coercive force, mag. ageing 2—40520
- $CoFe_2O_4$, spinel, relaxation of electrical conductivity 2—19533
- $CoFe_2Se_4$, mag. struct., neutron diffr., elec. cond., Mossbauer obs. 2—19908
- Co_2GeO_4, normal spinel, polarized Raman and phonon spectra, structure of Co^{2+} 2—10408
- $Co(H_2O)_6^{2+}$ in chiral lattice, circular dichroism spectra, Cotton effects obs. 2—26163
- $Co_3IB_7O_{13}$, opt. and chem. props. 2—15936
- Co(III) complex, NN'-dialkyldithiocarbamates, anomalous p.m.r. spectra, hindered rotation about C-N bond 2—21595
- Co(III) complexes, trigonal MS_6 type, MCD spectra 2—12161
- $CoIn_2S_4$, prep. elec. resist., paramag., antiferromag. interactions 2—29800
- $CoMn(CO)_9$, single- crystal broad-line ^{59}Co and ^{55}Mn n.m.r. 2—22842
- $CoMn_{1.9}Fe_{0.1}O_4$, Jahn-Teller distortion, Mossbauer obs. 2—36829
- $Co_{3-x}Mn_xO_4$ solid soln., form. in O_2, Ar and air atm. at 1000°C 2—39921
- CoMnSb, Heusler alloy, atomic and mag. struct. determ. 2—19862
- $CoMoO_4$, atomic struct. 2—29137
- $Co(NH_3)_6I_2$, internal rot. of NH_3 groups, i.r. spectra obs. 2—10375
- $Co(NH_4)_2(SO_4)_2.6H_2O$, low temp. spin orientation, exchange effects 2—22702
- $Co(NO_3)_2.4CO(NH_2)_2.2H_2O$, cryst. struct., X-ray obs. 2—35982
- $CoNb_2O_6$, i.r. absorpt. spectra, cryst. chem. 2—10396
- $Co_xNb(Ta)S_2$ magnetic and crystal structure 2—3722
- $Co_xNi_{1-x}Fe_2O_4$, coercive force and magnetostriction, effect of prep. method 2—29829
- Co_3O_4:Eu α-irrad., colour centres, Mossbauer study 2—36064
- CoO:Li, current noise measurements 2—40278
- CoO, adsorption of C_4, C_5 and C_6 hydrocarbons, gas chromatography determ. of heats of adsorption 2—25222
- CoO, electronic struct. 2—13092
- CoO, electronic struct. 2—13093
- p-CoO, free and bound charge carriers 2—10028
- CoO, high temp. defect struct. and transport props. 2—36501
- CoO, hole drift mobility at high temp. 2—13226
- CoO, in $Ni_{0.5}Zn_{0.5}Fe_2O_4$, effect on mag. props. 2—29830
- CoO, oxidation to Co_3O_4, effect of porosity and crystallite size 2—22878
- CoO, oxidation to Co_3O_4, effect of crystallite size and porosity 2—22878
- CoO, refractory, cryst. growth by floating zone method 2—29098
- CoO, short range mag. order 2—26060
- CoO, spectrum observed in low-pressure arc with Co electrode 2—14485

Cobalt compounds continued
- CoO, spin flopping in pulsed intense mag. field 2—4408
- CoO, undoped and Cr or Ti-doped, Hall mobility and defect struct., high temp. 2—36502
- CoO, valence band structure, X-ray photoemission spectroscopy 2—36639
- CoO crystal, creep, temp. and O_2 press. depend. 2—6553
- CoO_x, solidification temp. and nonstoichiometry in oxidizing atmos. 2—9333
- Co_2O_3, synthesis, structure and low-spin high-spin transition 2—9468
- Co_3O_4, formation and elementary grain substructure obs. 2—25330
- Co_3O_4, oxidation product of CoO, texture, effect of CoO texture 2—22878
- $Co(OH)_3$, meas. of perturbed angular correlation for 3/2+ excited state of ^{57}Fe, determ. quadrupole interaction freq. 2—40595
- CoS_2, Mossbauer effect of ^{57}Fe, transferred hyperfine mag. field 2—40617
- CoS_2, sp. ht. at low temps., density of states of dγ band 2—22420
- Co_9S_8, metallic character, Pauli paramag., thermoelec. power, Mossbauer effect 2—25766
- $CoSO_4.7H_2O$, meas. of perturbed angular correlation for 3/2+ excited state of ^{57}Fe, determ. quadrupole interaction freq. 2—40595
- $CoSO_4.7H_2O$, obs. of time-dependent recoilless fraction at Fe^{3+} site 2—33217
- CoSi, thermal expansion, 100-1000K 2—32847
- $CoSi_2$, CoSi, Co_2Si, Si L-emission spectra 2—20086
- Co_2Si, physical props. 10-350K, electron energy spectra discussed 2—40141
- Co_3Si eutectoid phase, unidirectional solidification of Co-Si 2—32723
- $CoSiF_6.6H_2O$, cryst. struct., X-ray diffr. obs. 2—35981
- $CoSiF_6.6H_2O$, internal motions, n.m.r. obs., 90-400K 2—40780
- $CoSiF_6.6H_2O$, sp. ht. anomalies in 240-275 K region 2—22421
- $Co_2SiF_6.6H_2O$, low temp. phase transform. 2—25624
- Co_2SiO_4, diffusion of Co and ^{18}O 2—32566
- Co_xTe, x=0.67, 0.85, 0.54, Mossbauer effect, isomer shifts, quadrupole splittings 2—26132
- Co_3Ti, precipitation in Co-Ti-X alloy, X=Fe, Cr, Ni 2—9797
- CoTiSb, para-mag. susceptibility detn. 2—13397
- Co_xV_{1-x}, alloy, $0<x<0.75$, mag. susceptibility, Knight shift 2—19836
- CoVSb, ferro- and para-mag. Curie temps. and mag. moments detn. 2—13397
- $CoWO_4$, magnetization and antiferromag. resonance 2—36973
- $Co_xZn_{1-x}Fe_2O_4$, ferrite, x=0.25, 0.75, mag. struct., neutron diffr. obs. 2—40521
- $Co_xZn_{1-x}Fe_2O_4$ ferrite, mixed, spin relax., relax. times rel. to Zn^{2+} conc., Mossbauer obs. 2—40577
- ^{59}Co(III) sow spin octahedral complexes, effect of symmetry-breaking perturbations on interpretation of quadrupole coupling data 2—28262
- $Co^{II}u_2{}^{V}F_{12}.4H_2O$, optical absorption spectra and magnetic susceptibilities 2—33275
- Cr-Co dil. alloys, localized impurity influence on spin density wave 2—16388
- Cr_xM_{1-x}—M_x—$Cr_{1-x}C_3$, (M=Fe, Co, Ni), eutectic, directional solidification, feathered morphology 2—3441
- Cu-Be-Co alloy, microstruct. and mech. props., effect of heat treatment conditions 2—29299
- Cu-(1.9wt.%)Co, Cu-(2wt.%)Co-(6wt.%)Zn, precip. effects on mech. props. 2—3913
- Cu-Co alloy, work hardening, dislocation arrangement obs. 2—19243
- Cu-1%Co, single-multiferromag. domain transition of precipitates, neutron scatt. obs. 2—4361
- Cu-1%Co, single ferromag. domain precipitates, neutron scatt. obs. 2—4360
- Fe-Co-C system, austenite phase, C activity, Co effects 2—40006
- Fe-Co-V, hot drawing, dislocation movement, electron microscopy 2—9780
- Fe-Co-V alloy, effect of original Fe purity on mag. props. 2—36238
- Fe-Co-V system, plastic deformation, $\gamma\rightarrow\alpha$ phase transformation, omnidirectional press. effect 2—9806
- Fe-Co, alloy, diffusion of Co, effects of α-γ, order-disorder, and para-ferromag. transitions 2—39741
- Fe-Co alloy, ordering kinetics, role of vacancies 2—13005
- Fe-Co alloy, thermal expansion, struct. change 2—13052
- Fe-Co dil. alloy, spin-lattice relax. of ^{59}Co 2—33180
- Fe-Co dilute alloy, hyperfine field distrib., Mossbauer and n.m.r. study 2—13448
- Fe-Co dilute alloy, hyperfine field at Fe atoms, temp. depend. 2—13449
- Fe-Co dilute alloy, spin-lattice relax. time 2—19932
- Fe-Co system, strength rel. to comp., phase transformations 2—19268
- Fe-Cr-Co system, ductile permanent magnet 2—40474
- Fe-Mo-Co system, phase diagram 2—40004
- Fe-Ni-Al-Co alloy, thermomag. treatment quality, mag. texture study 2—36239
- Fe-Ni-Co/SiO_2/Fe-Ni-Mo layer system, domain boundaries and coercive force 2—13407
- Fe-Ni-Co-Mo, steel, pre-precipitation and reversion 2—9809
- Fe-Ni-Co-Mo alloy, martensitic, ageing, formation of metastable ω phase 2—36299
- Fe-Ni-Co alloy, austenitic phase stabilization, thermal cycling 2—15909
- Fe-Ni-Co alloys, thermal expansion, low temp. invar anomalies, magnetic field dependence 2—16052
- Fe-Ni-Co alloys, thermal expansivity, effect of Co on invar characteristics 2—16051
- Fe-Ni-Mo-Co, martensitic alloy, temper hardening, struct. 2—9740
- (Fe,Co,Ni)-NbC, magnetically soft eutectic composite 2—22687
- FeCo, mag. anisotropy and ordering, equilib. state vs. temp. 2—22679
- Gd_2Co_7, n.m.r. of ^{155}Gd, ^{157}Gd, and ^{59}Co, at 77K 2—4555
- Mg-Co-Ni 9-layer Laves phase, composition and lattice constants determ. by single crystal and powder X-ray diffraction 2—39645
- Mn-Co-Si system, cryst. struct. of $Mn_{45}Co_{40}Si_{15}$ phase 2—39646
- Mn-Cu-Co, Elinvar type, temp. depend. of elastic consts. and hardness 2—32581
- Mo-Co dil. alloys, mag. susceptibility and low temp. sp. ht. 2—19827
- Ni-Al-W-Mo-Co alloy, dispersion-hardened, thermomechanical treatment 2—9733
- Ni-Co-Cr-Mo alloy, heat resistant, σ-phase precip. mechanics 2—9821
- Ni-Co, alloy, single crystal growth by floating zone technique using induction heating 2—3585
- Ni-Co alloy, effect of mag. transform. on creep 2—12873
- Ni-Co alloy single crystal, magneto-plastic effects 2—33144
- Ni-Co alloys, electron probe microanalysis corrections 2—16711

Cobalt compounds continued
Ni-Co alloys, f.c.c., electronic sp. ht., interstitial carbon influence 2—16114
Ni-Co alloys, mag. props., influence of applied mag. field during electrolysis 2—19882
Ni-Co dil. alloys, mag. anisotropy energy 2—16369
Ni-Co ferrite, Mossbauer and X-ray spectra obs. 2—40528
Ni-Co films, exchange stiffness const. 2—19897
Ni-Co layers electroplated on Cu wires, remagnetization 2—13411
Ni-Cr-Nb-Co, alloy quenched and reheated, study of cell precipitation 2—25563
Ni_xWO_3, bronze, density rel. to structure 2—32451
Pd-Co dil. alloys, elec. resist., giant moments, exchange coupling 2—26042
$Pr_2Co_{1.7}$, atomic struct., X-ray determ. 2—3726
Pt-Co dil. alloy, magnetiz. and magnetoresist. 2—16344
PtCo alloy, domain wall pinning as source of mag. hardening 2—19858
$Rh_4(CO)_{12}$, i.r. spectra, derivation of stretching frequencies, interatomic forces and bonds 2—38900
Ru-co alloys, spin fluctuation effects on supercond. 2—19600
$SiC-Co_3O_4$, electrical properties obs. 2—6792
$SmCo_5$ alloy, domain wall pinning as source of mag. hardening 2—19858
$SmCo_5$ magnet, props. as function of Sm_3Co sintering aid 2—33143
$Sm_{1-x}Pr_xCo_5$ series, magnetic properties, variation between cast and annealed compounds, aligning methods 2—13386
Ti-Co, Zr-Co, Fe-Co, bonding and ordered state formation, X-ray spectral investigation of electronic energy spectrum 2—36920
Ti-Co system, intermediate phases 2—40010
V-Co alloys, n.m.r. of ^{51}V and ^{59}Co, mag. props. 2—10566
WC/Co two-phase material, elastic consts. determ., finite element method 2—39762
WC-Co, cemented carbide, compressive deformation, microstruct. and mech. props. obs. 2—39791
WC-Co, hard alloy cermet, Co melt redistribution process 2—32736
$Y_{2+x}Co_{17-2x}$, magnetocrystalline anisotropy, comp. depend. 2—40458
Yb-Co system, cpd. formation, X-ray diffr. study 2—25349

Cochlea *see Ear*

Coherence *see Electromagnetic waves; Lasers; Light/coherence; Masers*

Cohesive energy *see Bonds; Solids*

Coincidence circuits *see Counting circuits*

Cold working
see also Plastic deformation; Slip; Work hardening
bending, wide sheet, effect on subsequent behavior under uniaxial stressing 2—6529
eicosane, rel. to internal friction loss peaks 2—3844
metal, plastic deform., reduction of latent energy in heat cond. equation 2—39883
polyethylene, cold drawing and annealing, struct. obs. 2—39897
polyethylene, high density, tensile props. after cold rolling 2—39792
polyethylene, low density, uniaxially orientated, hot- and cold-drawn, tensile creep behaviour 2—12877
polyethylene, morphology induced by rolling 2—12632
rolling of polycarbonate, effects on tensile strength 2—1308
stainless steel type 304, resistance to fatigue crack growth at high temp. 2—15884
steel, austenitic stainless, ferrite content. mag permeability 2—27404
steel, cold extrusion, chemical surface treatment 2—3931
steel, cold forming fabrication 2—9760
steel, high C, plastic deformation, ageing and recovery 2—9757
steel, hydrogen charged, rel. to internal friction peaks 2—39926
steel, low C, surface struct., effect of rolling speed 2—1165
steel, metastable austenitic, primary recrystn. texture development 2—25596
steel, stainless, cold-drawing effects on creep and creep-rupture in type 316 2—1292
steel, stainless, neutron irradiation, void formation, thermo-mechanical treatment effect 2—6469
steel, strengthening using hydroextrusion 2—9745
steel, white layer formation, effect on wear resistance 2—6586
zircaloy-2, creep accel. mechanisms 2—25510
Ag, internal friction, lattice defects, low temp. 2—12828
Al-Cu alloy, recovery after cold working 2—9756
Al-(4 wt.%)Cu alloy, fibrous struct. of precipitates produced at scratch 39917 2—39917
Al-Mn alloy sheet, effect of rolling conditions on props. 2—29409
Al-Zr alloy, recovery and recrystallization 2—15912
Al, rolled, hardness anisotropy, Knoop obs. 2—12912
Al, small angle X-ray scatt. obs. of size distrib. variation 2—25592
Al alloy 2024, thermomechanical treatment, yield strength, microstructure 2—32701
Al sheet, effect of rolling conditions on props. 2—29409
Cd, defect production and recovery, 77K, elec. resist. obs. 2—25411
Co-Fe-Ni-Nb alloys, semihard mag., for remanent reed switch applics. 2—40463
Cu-Al alloys, small angle X-ray scatt. obs., of size distrib. variation 2—25592
59wt.%Cu-12wt.%Ni-29wt.%Zn alloy, effect on mutual influence of precip. and recrystn. 32688 2—32688
Cu-Ni-Si-Mg(Cr) alloy, relt. to age hardening behaviour 2—32706
Cu, alloy, age hardening, heat treatment, mech. props. rel. to cold working 2—19241
Cu, electrolytic, effect on Young's modulus 2—39758
Cu, rolling, 77K, annealing, secondary recrystallization 2—12934
Cu, rolling, orientation stability, strain rate depend., electron diffr. 2—39899
Cu, small angle X-ray scatt. obs. of size distrib. variation 2—25592
Fe-Al alloy, influence on permeability and magnetomech. coupling 2—6980
Fe-Mn, alloy, cold rolled, annealed, mag. props., residual induction, coercive force, squareness ratio 2—19876
Fe-Ni-Cr-Ti steel, austenitic, cold rolled, plastic deform. rel. to σ-phase form. 2—29471
Fe-Ti alloy, ductile-brittle transition, cold working effects 2—29307
Mg, defect production and recovery, 77K, elec. resist. obs. 2—25411
MgO, containing LiF, cold-pressed, temp. depend. of elec. cond. 2—36210
Mn-Cu-Cr alloy, nonmag. Elinvar-type, Youngs modulus, rigidity, thermal expansiion, hardness, 123-673K 2—19160
Mn-Cu-Fe, alloy, elinvar-type, nonmag., Youngs modulus, rigidity modulus, thermal expansion, hardness 2—29233

Cold working continued
Mn-Cu-Ni, alloy, nonmag., Elinvar type, rigidity, hardness, thermal expansion, Youngs modulus, 123-673K 2—19161
Mo, high temp. recovery 2—15743
Mo, plastic deform., fine struct. changes during rolling 2—32508
MoS_2, natural molybdenite, stacking faults, slip planes, X-ray line broadening 2—25409
Nb-Ti alloy, rel. to Young's modulus anomalous behaviour 2—36095
Ni-(20 wt.%)Cr alloy, rel. to effects of Al+Ti complex additions 2—25573
Ni-Mn, alloy, nonmag., Elinvar-type, Youngs modulus, thermal expansion, rigidity, hardness, 123-673K 2—19162
Ni-Mo alloy, high quality, production of very thin strips 2—1352
Ni bronze, rel. to supersaturated soln. transformation 2—9819
Re, low temp. recovery spectrum 2—15744
Ti-Mo-Zr-Al, alloy, cold workability rel. to Al content 2—29411
Ti alloy, structural hardness, heat treatment effect 2—12949
Zn-Mg dilute alloy, age hardening, effect of cold rolling 2—29405
Zr, rolled, polygonization, recrystallization and recovery, electron microscopy 2—6502

Collections of physical data
Only comprehensive works of reference are listed here
elastic props. of crystals and aggregates, tabulated data, book 2—19151
elementary particle properties 2—34584
geotechnical data bank at Rhodesian Ministry of Roads 2—30232
laser atomic spectra; collection of 800 lines of 38 elements 2—582
nuclear lifetime table, halflives of ground and excited states 2—34982
Orion population, second catalogue of emission line stars 2—37275
state function, internal energy and enthalpy of gaseous working media 2—6153
superachromatic glass triples tables and colour correction 2—23682

Collective model *see Nucleus/models*

Collision processes
see also Atoms/electron scattering; Charge exchange; Elementary particles; Field theory, quantum/interactions; Ionization; Nuclear forces; Nuclear reactions and scattering; Scattering, particles; and under the individual particles
Born approximations, unitarized 2—21477
computer animation 2—2901
electrons, inelastic collisions in Townsend Huxley diffusion 2—18750
fermion system, effect of strong repulsion at short distances 2—23298
galactic gases, with high-momentum extragalactic clouds, rel. to origin of high velocity neutral H_2 gases 2—30406
gas atom, ion motion in nonuniform alternating elec. field 2—12456
gases, definitions of collision frequencies in kinetic theory relation to electrical conductivity of ionosphere 2—3321
heavy particle, transition probability 2—84
heavy particle motion in an infinite one dimensional gas of hard spheres 2—7721
highly excited atoms and molecules, electron transfer 2—31879
ion-metal surface interaction, dynamics inclusion 2—6308
i.r. absorption spectra of dilute solutions of He and Ne in liquid Ar arising from collision induced dipole moments 2—9136
jets of liquids in gases, rel. to turbulence damping 2—24627
linear elastic and inelastic collisions between two or three objects 2—11322
liquids, effects on Rayleigh scattering 2—12561
on-shell Coulomb T-matrix 2—24299
swarms, and shock waves, conference (Oxford, September 1971) 2—24828
swarms and shock waves, conference (Oxford, September 1971) 2—21860
p-Be collisions, 12.4 GeV/c, π^+ and π- production 2—11825
Al surface, (100) and (110), LEED, inelastic model 2—6324
He atomic and molecular systems with thermal electrons, meas. of superelastic transition rate coefficients 2—11999
He superfluid, construction of theory in agreement with hydrodynamics, determ. transport coeffs. in collision-time model 2—25133

atoms
$^1S_0$ ground states, method of orienting nuclei, using optical pumping and exchange collisions 2—15203
$A+BC \rightarrow AB+C$, collinear reactive collision, quantum mechanics 2—645
alkali atom+He^+, near resonant charge exchange cross sect., prod. of He excited final states 2—738
alkali atoms, electronically excited, total cross section for quenching at high temperatures by vibrationally excited N_2 2—31692
alkali metal $^2P_{3/2}$ excited state, influence of nuclear spin on collisional relaxation 2—35172
alkali metal-excited gas atoms, basis for model of ionization cross sections of alkali metals in flames 2—15497
alkali metal-H, effects on spectral lines 2—15209
alkali-He, elastic approx. for fine structure transition cross sections 2—5842
alkali-inert gas, alkali depolarization, time reversal in classical path approx. 2—5843
asymmetric charge exchange, pseudocrossing of energy levels 2—18340
atom ion scattering cross section calc. using new simplified second born approx. 2—11985
atom-atom and electron-atom, calc. and significance of resonant states 2—8477
atom-diatom, reactive, exact quantum cross sections for three-dimensional angle dependent model 2—4568
atom-diatomic molecule, vibrational excitation, quantum mechanical impulse approx. 2—3134
atom-diatomic molecule collinear collision effects of attractive well potential 2—24570
atom-diatomic molecule collinear collision effects of attractive well potential 2—24570
atom-diatomic molecule scattering, computational approach to optical potential construction 2—24366
atom-diatomic oscillator, rotating, vibrating calc. of rotational and vibrational transitions 2—8854
atom-ion, charge transfer process 2—8473
atom-molecule, multicentre interaction potentials, closed expressions for expansion coefficients 2—11997
atom-molecule scattering, reactive, propagation techniques in calculations 2—636
atoms and ions, when no excitation occurs, symmetrical charge transfer, review 2—31691
beam, collision frequency and ang. distrib. of scattered particles 2—12017
beam-gas in intersecting storage rings, contribution to pion flux 2—38418

Collision processes continued
- **atoms** continued
  - binary collision broadening, impact theory predictions for shift and width of isolated electronic spectral lines 2—18339
  - book, calculation of atomic collision processes 2—38837
  - book, physics of atomic collisions 2—38838
  - Born approximations, unitarized 2—21477
  - broadening of spectral lines by perturbed gas, unified theory including impact and statistical theories 2—38804
  - charge exchange, Pradhan impulse approx. 2—24371
  - charge exchange processes, scatter amplitude to first order of three body expansion 2—24374
  - charge transfer processes, high energy, validity of Pradhan impulse approx. 2—5823
  - classical descriptions, applicability at low energies 2—5831
  - composite particle problems, applic. of Faddeev and Watson techniques 2—8472
  - conference, Amsterdam (July 1971) 2—635
  - Coulomb scattering, two body, off-shell and on-shell unitary relations 2—80
  - cross section calc. using Gaussian functions 2—650
  - crystal surface, ion scatt. phenomena spatial distrib. 2—6306
  - curve crossing phenomena, inelastic cross sections, numerical calc. in two state approx. 2—644
  - depolarizing collisions, transition operator 2—2761
  - depolarizing cross sections calc. for atoms in state with ang. momentum j colliding with spherically symmetrical inert gas atoms 2—8468
  - Dicke effect, rel. to pressure line shape of gas spectra 2—38806
  - differential collision cross section meas. apparatus 2—18346
  - differential cross section, anomalies in Born approximation 2—5830
  - dispersion interaction const. for polyelectronic systems, limits, from dynamic polarizability 2—31697
  - effective potential method, heavy particlemotion, NWP formalism 2—647
  - elastic and inelastic cross sections for the two level model with variable diabatic coupling 2—632
  - elastic differential cross section data, determ. of interatomic potentials by inverse procedure 2—8470
  - elastic scattering, direct determination of potential 2—31694
  - elastic scattering, estimate of bounds on minimum position of attractive-repulsive potential 2—634
  - electron detachment, adiabatic approx. for slow collisions 2—11970
  - electron detachment at collision of negative ion with atom, quadratic approximation 2—8475
  - electron impact ionization cross sections, analytic integrals 2—31696
  - electron spin exchange collisions, between spin-$^{1}/_{2}$ atom and target atom with arbitrary electron spin, determ. cross sections 2—24380
  - electron-positive ion collisions, concentric electron beam device described, meas. of electron-ion recombination coeff. in flowing afterglow 2—12000
  - energy and coherence transfer, polarization of sensitized fluorescence 2—35171
  - energy transfer between atom and diatomic mol., influence of induced rotation and anisotropy effects 2—6005
  - exchange interaction between ionic and covalent states of two atoms at large distances 2—21530
  - exchange interaction in $(AB)^-$ system, applic. to non-resonant charge transfer of negative ions 2—692
  - excited state interactions, contribution of dipole-quadrupole dispersion to binary collision broadening 2—31667
  - gas laser atoms with foreign gas atoms, effect on laser output 2—23576
  - gas-surface interaction calculation, summation of pairwise potential 2—39453
  - in gases, study of Doppler shift of light emitted by excited atoms at 10-100 keV energies 2—2964
  - heavy atom collisions, scaling analysis of expt. stripping cross sections 2—11969
  - heavy ion-atom inelastic collisions, use of correlation diagram for interpretation 2—28214
  - heavy ions, direct transition features in stripping collisions 2—31701
  - heavy ions, multiply charged, excited in collision with light gas atoms, determ. of lifetimes 2—654
  - heavy ions with thick targets, X- ray production cross sections 2—24384
  - heavy neutral atoms, direct transition features in stripping collisions 2—31701
  - heavy-ion-atom, in-flight X-ray measurements, use as technique for identifying superheavy elements 2—11993
  - hydrogen like ions, excitation and ionization cross sects. by electron and proton impact 2—15244
  - impact broadening of spectral lines 2—31638
  - impact parameter approximation, scattering matrix, conditions imposed by time reversal invariance 2—24372
  - impact parameter method formulated, discussion of reflection symmetry and time-reversed invariance 2—28213
  - inelastic, semiclassical treatment using one- and three-dimensional JWKB approximation 2—8469
  - inelastic electron-atom collisions in low pressure positive arc column, distribution function of neutral atoms 2—18715
  - inelastic energy losses, precision anal. of spectra 2—24385
  - inelastic energy losses in gases 2—9913
  - inelastic scattering, calculation of energies and widths of compound-state resonances by stabilization method 2—12002
  - inert gas, with CO_2 and N_2O, determination of anisotropic potential energy surfaces 2—6012
  - inert gas and Hg ionizing collisions, Penning ionization electron spectroscopy meas. 2—18337
  - inert gas associative ions, formation and collisional dissociation 2—31693
  - inert gas atoms, elastic scatt. of H^+ 3 to 80 eV, differential cross section meas. 2—709
  - inert gas atoms, repulsive interaction potential in Fermi Amaldi model 2—5845
  - inert gas diamagnetic susceptibility from scatt. factor meas., reanalysis 2—35127
  - inert gases, with fast ions, separate subshell contributions to stopping power 2—24373
  - inert gases and K^+, determination repulsive potentials 2—38840
  - inner-shell ionization by α particles and deuterons, projectile z dependence of K X-ray emission 2—31676
  - interatomic potentials, cross sections of broadening collisions for resonance lines 2—2961
  - interatomic potentials, determ. by inversion of elastic diff. cross section data 2—656

Collision processes continued
- **atoms** continued
  - interatomic potentials, solar atmosphere spectrum 2—5824
  - ion-atom, applic. of standing- wave modified Regge trajectories 2—642
  - ion-atom, cross sections in energy range 200-3000 eV 2—24386
  - ion-atom, generalized oscillator strengths and ioniz. cross sections 2—8474
  - ion-atom collisions, energy spectra of ejected electrons 2—15236
  - ion-atom elastic differential cross sections, 4-627 keV calc. using different interaction potentials 2—38836
  - ion-atom three-body association reaction, resonance theory 2—22850
  - ion-ion recombination total cross sections calc., absorbing sphere model 2—26328
  - ion-molecule, role of orientation-dependent forces, computer graphics studies 2—2962
  - ion-molecule capture collisions, ion quadrupole effects on cross section and multiple reflection phenomena 2—12300
  - ion-molecule reactions, pulsed ion cyclotron double resonance spectroscopy 2—24568
  - ion-molecule reactions for positive ions with relative translational energies <3keV review 2—24567
  - ionization, by heavy charged particles, combined classical and Born approx. 2—11967
  - ionization, by proton impact, cross section calc. 2—5794
  - ionization, threshold behaviour, time of flight technique 2—643
  - ions, fast multiply charged, passage through material, prohbability of electron capture into excited states 2—655
  - ions, multiply charged, Auger dissociation of molecules 2—868
  - ions, positive, proton impact ionization, cross section calc. 2—5794
  - ions scattered on target gas atoms, 4-43 degrees, correlations between peculiarities in scattering and inelastic transitions 2—640
  - K^+ with inert gas atoms, excitation mechanism and role of inelastic transitions, scattering 2—674
  - K-shell excitations, differential investigation of velocity dependence 2—2967
  - kinematics of inelastic collisions, influence on optical spectra and spectra of ejected electrons 2—5828
  - many-particle scattering, effects of approximate cluster functions on parameters and improved pseudostate expansion 2—11995
  - many-particle scattering equations, distortion potentials and reduction method 2—30797
  - metal atoms in flames, collisional ionization cross-sections 2—38823
  - metals, spectral study of collisions of second kind 2—2960
  - model potential methods study of M,M_2^+ or MA systems 2—649
  - molecule formation in outer atmos. and interplanetary space 2—41216
  - monovalent atoms, three-body interactions, dynamics in Faddeev formalism 2—641
  - multichannel scattering, combined variable-phase R-matrix approach 2—11994
  - multipole relaxation cross-section calc. by matching method 2—5826
  - multistate eikonal approx. for quasi-adiabatic transitions 2—24383
  - negative ion collision with atom, electron emission, sudden insertion approx. 2—31702
  - negative-ion electron-transfer reactions with O_2, meas. of electron affinity 2—5945
  - neutral atoms, no excitation, semiclassical theory and rainbow and glory interference effects, exptl. methods 2—631
  - in neutral gas, determ. return current induced by propagating relativistic electron beam 2—12513
  - non-adiabatic transitions, close coupling problem soln. in collision theory 2—24365
  - nonadiabatic electronic transitions, eikonal approximation 2—648
  - nonresonant, with transition between Zeeman sublevels 2—5825
  - photon particle coincidence meas. method theory 2—633
  - plane wave factors, Euler Lagrange optimization 2—73
  - potential determ. from differential cross section 2—657
  - precursor photoionization for elimination of atom-atom collision region 2—39193
  - proton impact ionization of atoms, classical model 2—24381
  - proton-atom collisions, inelastic, cross sections for highly excited atoms 2—5806
  - radiative association discussed as an example of shape resonances caused by potential barriers 2—21531
  - radiative recombination in a plasma by election capture 2—8466
  - rainbow scattering data, critical evaluation of semiclassical inversion method of fitting 2—21533
  - reaction coordinate approach, low energy collisions 2—5829
  - reaction times in nanosecond region, direct meas. from excited state lifetimes on function of particle density 2—11999
  - reactive, analysis of symmetry effects 2—1743
  - reactive collisions, degenerate electronic states, multiple potential energy surfaces 2—24369
  - reactive collisions, degenerate electronic states, multiple potential energy surfaces 2—24370
  - rearrangement collisions, three-dimensional, exact quantum mechanical study of angular independent and angular dependent models 2—16673
  - resonance fluorescence, excited state struct. and lifetimes 2—8436
  - retardation effects, observability in very low energy scattering experiments 2—2963
  - review 2—35380
  - scattering, close coupling approx., second order potential applic. 2—5827
  - scattering, field theoretic approach 2—38834
  - scattering, high-energy inelastic, due to crossing of potential curves, oscillation of cross section 2—639
  - scattering, shape resonances in forward diffraction peak 2—24368
  - scattering by van der Waals forces in Born approximation 2—79
  - scattering cross section as function of velocity, meas. using time-of-flight method 2—8476
  - scattering of charged particles general theory for use of second order potentials 2—24375
  - screening parameters from multiple scattering of low-energy heavy particles 2—24377
  - slow inelastic collisions, total cross section oscillation study 2—2959
  - in solar corona, electrons protons and α-particles with He like ions, excitation 2—20708
  - solid surface scattering, one-phonon inelastic process, continuum model appl. 2—32329
  - spectra, collapse of impact broadened multiplets, theoretical study 2—11940
  - spectra, collapse of impact broadened theoretical study 2—11940
  - spectral line self broadening, gas molecules 2—747

Collision processes continued
  atoms continued
    spectral lines, optical broadening and depolarization 2—31698
    strong coupling, adiabatic complex degeneracies 2—638
    strong coupling regime, application of approx. soln. of time dependent Schrodinger eqn. 2—27054
    surface structure obs. technique 2—6298
    sweep generator for study 2—2329
    symmetric ion-atom, cross section for production of K shell vacancies calc. using electron- promotion model 2—24376
    termolecular recombination, low temperature, bound complex and energy transfer mechanism 2—8471
    three dimensional reactive collision, AB+C type, collision coordinates 2—10603
    three-body elastic scattering, determ. energy and angular dependences of differential cross sections 2—28219
    three-body electron transfer rearrangement, determ. differential and total cross section in multiple scattering approx. 2—28218
    triple, interaction of three alkali metal atoms and formation of molecules 2—11991
    two-particle collisions 2-15 keV, studied with 'Kepler' an inclined-beams instrument 2—11998
    two-state potential curve-crossing problem, general theory and solution 2—24379
    van der Waals scattering, effective range theory 2—31699
    variational principles, occurrence of singularity 2—15196
    variational scatt. calcs., method of models 2—24363
    Z=26-92 elements with 160 MeV protons, meas. K-shell ionization cross sections 2—28217
    Ag, 2 to 30 MeV proton bombardment, K and L X-ray yields 2—38808
    Ag, with protons, inner shell excitation, impact parameter dependence 2—600
    Al, electronic stopping power of 45.5 keV Ne ions 2—9913
    Al^+, with N_2 total cross sections for charge exchange 2—6011
    Ar-Ar, differential cross section and intermolecular potential, quantum undulations 2—870
    Ar-Ar, scattering cross sections in range 25 to 550 eV 2—12004
    Ar^+-Ar, charge transfer efficiencies, $^2P_{3/2}$ and $^2P_{1/2}$ states 2—18342
    Ar^+-Ar, L-shell Auger electron emission, energy spectra 2—660
    Ar^+-Ar collision, correlation between no. of slow electrons ejected and energy of fast coincident electron 2—35130
    Ar^+-Ar collision, fast electron- slow electron coincidence study 2—35131
    Ar-C, X-ray spectra for gas and solid targets, 80 and 90 keV, differences in inner-shell vacancy production 2—12003
    Ar-CO^+ vibrationally inelastic low energy scattering, determ. cross sections 2—12304
    Ar-H^+, elastic scatt., inversion problem 2—706
    Ar-H^+ collisions, formation of excited H atoms 2—31716
    Ar-H^+ inversion problems for differential elastic scattering 2—666
    Ar-H_2 and Ar-D_2 systems, charge exchange, high pressure pulsed electron impact source 2—18338
    Ar-H_2 system, intermol. pot. parameters, effective cross sections 2—15426
    Ar-N_2, rotational inelasticity, comparison of generalized phase shift and classical trajectory calculations 2—8862
    Ar, elastic scatt. of H^+, quantum undulations in differential cross section 2—707
    Ar, ionization by collisions with He^+ in range 250-4000 eV, cross sect. meas. 2—11975
    Ar, large angle collisions with H^+, differential cross section meas. and interaction potential determination 2—710
    Ar, metastable, scattered by Ar, Kr and Xe, velocity dependence of total cross section determ. 2—2974
    Ar, with H_2, anisotropy of total collision cross section 2—3146
    Ar, with N_2, Kr, Ar, differential elastic scatt. cross section 2—898
    Ar, with N_2 differential cross section, high resolution meas. 2—897
    Ar, with N^+, Ne, Ne^+, Cl^+, Ar^+, Kr^+, excitation of inner and outer shells, inelastic energy losses and ionization 2—2965
    Ar, with Ne($^3P_{2,0}$), Penning and associative ionization, two state semiclassical model 2—11974
    Ar, with Ne($^3P_{2,0}$), velocity dependence of ionization cross section 2—11966
    Ar, with O_2, quantum state dependent scattering 2—3152
    Ar, with P^+, Auger electron emission, energy distribution for fixed impact parameters 2—693
    Ar beam scattering on He, Ne, Ar, Kr and Xe targets, meas. of cross section at thermal energy 2—2973
    Ar ion collisions with C, Al, Si, Fe, radiative transitions between quasimolecular levels 2—28215
    Ar^+, charge exchange collisions with N_2, CO, O_2, NO, rate coeff. meas. 2—5832
    Ar^+, with CO, NO, O_2, charge transfer cross section in thermal and suprathermal range 2—658
    Ar^+, with methane, charge transfer mechanism 2—659
    Ar^+ scattered through angles <2° by Ar gas atoms, 3.5 to 90 keV, meas. of inelastic energy loss spectra 2—670
    Ar^*-Hg, Penning ionization electron energy spectra 2—12055
    $Ar_m^*+C_2H_2 \rightarrow ArC_2H_2^+ + e$, pulsed mass spectrometric study of associative ionization, cross section for excitation into triplet states of Ar meas. 2—15237
    $Ar_m^*+NO \rightarrow ArNO^+ + e$, pulsed mass spectrometric study of associative ionization, cross section for excitation into triplet states of Ar meas. 2—15237
    B, multiply charged ion beam passing through celluloid film, determ. of electron loss and capture cross section 2—1447
    B^{3+} electron capture from rare gas atoms, comparison of exptl. and Landau-Zener cross sections 2—671
    B^{3+}+He, electron capture and total cross section meas. 2—661
    Ba-O_2, reactive scattering in crossed beam experiment 2—662
    Ba, excitation by electron impact of resonance lines 2—11948
    Ba, with O_2, reactive scattering, angular distribution meas. 2—4576
    Ba with O_2^+, N_2^+ and NO^+, merging-beam studies, determ. cross sections and kinetic energies of products 2—12005
    $Ba+N_2^+ \rightarrow BaN^+ + N$, merging-beams study of ion-molecule reaction 2—12006
    $Ba+NO^+ \rightarrow BaN^+ + O(BaO^+ + N)$, merging-beams study of ion-molecule reaction 2—12006
    $Ba+O_2^+ \rightarrow BaO^+ + O$, merging-beams study of ion-molecule reaction 2—12006
    Be, multiply charged ion beam passing through celluloid film, determ. of elctron loss and capture cross section 2—1447

Collision processes continued
  atoms continued
    Be, with protons and heavy ions, K-shell ionization 2—11996
    Br, gaseous with I^-, X-ray excitation, inner shell vacancy prod. 2—15226
    Br, heavy ions on O_2, Ar, Kr, Xe, C and Au, determ. of charge state fractions 2—668
    Br^-, detachment and charge exchange cross sections in energy range 300 to 3000 eV 2—5836
    $Br+Br \rightleftharpoons Br_2^*$ in inert gases, rate constants computed 2—37028
    C^+-CO, electron transfer and ion-atom interchange 2—8478
    C, charge exchange formation of excited C- 2—5835
    C, incoherent-scattering function, comparison of calc. using HF wave function and configuration-interaction wave functions 2—38839
    C^+, with C foil, equilibrium charge distributions 2—5833
    C^+, with N_2 and Ne, at keV energies, KLL Auger electron emission 2—663
    C^{2+}, electron collisions, structure study by frozen cores approx. 2—11951
    C^{2+} with He, Ne, Ar, meas. of differential scattering with single electron capture, 0.7-3.0 keV interp. of curve crossing 2—672
    C^{3+}, electron collisions, structure study by frozen cores approx. 2—11951
    $C^+ + D_2$ reactive scattering, energy and angular distribution of ionic product CD^+ in range 3.47 to 8.48 eV 2—12008
    $C^+ + D_2 \rightarrow D + CD^+$, threshold and reaction cross section 2—12007
    C(2^1D_2) electronically excited atoms, collisional deactivation by inert gases, meas. by attenuation of atomic emission 2—15232
    C^+(2p)-H(2s), fine structure excitation cross sections at low energies 2—5834
    Ca^+-Cd, Ca^+ excitation processes at low energy 2—2982
    Ca, excitation by electron impact of resonance lines 2—11948
    Cd-Zn collisions, energy dependence of excited CdI resonance line 2—2968
    Cd^+-Zn, excitation processes at low energy 2—2982
    Cl^-, detachment and charge exchange cross sections in energy range 300 to 3000 eV 2—5836
    Cs-Cs, excitation transfer cross sections 2—2971
    Cs-H_2(N_2), excitation transfer cross sections 2—35152
    Cs-He^+, spin exchange collisions, cross section meas. 2—2970
    Cs-Hg, differential scattering cross sections and intermolecular potential energy curves 2—888
    Cs-I_2, cross section meas., comparison with harpooning model predictions 2—686
    Cs, cross section for spin exchange with Rb, indirect optical pumping 2—664
    Cs, effective cross section for associative ionization from the $8^2P_{1/2}$ state 2—28220
    Cs, vel. distrib. of atoms issuing from multi channel glass capillary array, scattering cross sections 2—12018
    Cs, with O_2, NO_2, N_2O, analysis of ion production 2—899
    Cs, with O atoms, charge exchange cross sections, theoret. study 2—691
    Cs, with SF_6 and SF_4, Cs prod., vibr. energy distrib. study 2—21597
    Cs diodes, elastic electron-Cs collision cross sections from transport phenomena 2—34293
    Cs inert gas, excitation transfer cross sections 2—2971
    Cs^+, with He, Ne, Ar, excitation in energy range from threshold to 28 keV 2—2969
    Cs^{**}-inert gas, excitation transfer cross sections 2—5837
    Cu, electronic stopping power of 19.4 keV Ne ions 2—9913
    Cu, variation of L shell fluorescence yield in ion atom collisions 2—31704
    D, with Cl_2, Br_2, I_2, ICl, IBr, reactive scattering study 2—704
    D H_2, rearrangement collision, London surface pseudocrossings and dynamical features 2—713
    $D+H_2 \rightarrow HD+H$, differential reactive scattering cross section from molec. beam studies 2—28230
    Er^+, with N_2, total cross sections for charge exchange 2—6011
    F + deutero-ethylene crossed molecular beam study 2—37021
    F ions, highly charged, N and Ar targets, report of interesting structure observed in velocity dependence of multiple electron capture 2—673
    F ions passing through N_2 gas, 4-54 MeV, determ. electron- transfer cross sections 2—28221
    F^{6+} lithium like ions passing through C foil target, excitation of metastable autoionizing states, of electron spectra 2—604
    ^{18}F atoms, nuclear recoil, reactions with trifluoroethane, mechanism and systematics 2—10615
    ^{18}F atoms, nuclear recoil, reactions with trifluoroethane, approximate energetics and molec. dynamics 2—10616
    $F+C_2H_4$ crossed molecular beam study 2—37021
    Fe, ion formation by charge transfer 2—5840
    Fe, with 30 MeV O^{5+}, multiple inner shell ionization, K_α spectrum 2—665
    Fe ions, with inert gas atoms, charge transfer cross section meas. 2—5839
    H_2- inert gas, contribution to proton spin lattice relaxation time, temp. range 165 to 265K 2—24986
    H-Ar, 10, 25, 35keV, cross section for destruction of 3s state in H 2—38854
    H^+-Ar, elastic scatt., quantum undulations in differential cross section 2—707
    H-Cl_2, linear reactive collisions, classical S-matrix construction 2—703
    H^+-Cs, 0.5-2.5 keV, charge exchange, cross section for the production of H(2s) and H(2p) 2—5856
    H^+-Cs charge exchange, meas. fraction of H atoms in 2s state 2—5855
    H-H, computer-based films generated from accurate a priori computations 2—2976
    H-H, excitation and ionization, applic. of semiquantal theory 2—21542
    H-H, semiquantal treatment of prod excitation and ionization 2—21545
    H-H, slow collisions, calc. in adiabatic approx. 2—8494
    H-H interaction potential, variational calculation 2—38852
    H-H spin-exchange collisions, radiation frequency shifts 2—31719
    H-H^+, 30-2000keV, 3s and 3p excitations of H investigated by method of distortion 2—24394
    H^+-H, charge transfer, production of highly excited states 2—5871
    H-H^+, cross section calc. using Gaussian functions, electron capture process 2—650
    H-H^+, cross sections for elastic scattering and 1s-2s, 1s-2p and 1s-3p excitation calc. using second order potentials 2—28228
    H-H^+, excitation to np or nd states, algebraic eqns. for cross sections 2—5850
    H-H^+, low energy collision, electronic translation factor 2—719
    H^+-H_2, validity of Franck-Condon principle for $H^+ \rightarrow H^-$ double charge transfer at low scattering angle 2—24399
    H^+-H_2, vibrational excitation of H_2 2—15427

Collision processes continued

- **atoms** continued
  - H-H_2, 1-30keV, cross section for emission of Lyman-alpha radiation 2—5872
  - H-H_2, 10, 25, 35 keV, cross section for destruction of 3s state in H 2—38854
  - H-H_2, exchange reaction probability, comparison of exact classical and quantum mechanical results 2—714
  - H-H_2, H_2 excitation cross section, calc. using dose coupling equations in quasiclassical approx. 2—877
  - H-H_2, planar reactive collision cross section calc. 2—712
  - H-H_2, reactive collisions, computational study of resonances 2—10596
  - H-H_2, reactive scattering, quantum mechanical treatment 2—711
  - H-H_2 collinear reactive collisions, broken path model 2—26327
  - H-H*, adiabatic and diabatic decoupling for selected scattering states 2—12030
  - H^--He, 0.47 to 20 keV, H charge fraction obs. 2—35181
  - H^+-He, determ. of excitation cross section ratios $\sigma_3 1_p/\sigma_4 1_s$ and $\sigma_3 1_p/\sigma_4 1_d$ and the polarization of $3\,^1P$-$2\,^1S$ transition 2—5883
  - H^+-He, direct excitation of n=3 triplet states, obs. of light emitted 2—5881
  - H^+-He meas. of excitation transfer implied by obs. of the population of $3\,^3D$ state 2—5882
  - H-Hg, scattering at theral energies, determ. energy dependence of integral cross section 2—2992
  - H^+-K charge exchange cross section meas. in energy range 150-8000 eV, applic. to plasma diagnostics 2—18343
  - H^+-N_2, 2-10keV, cross section for excitation of 3p states of H by observing Balmer alpha and Lyman alpha photons 2—5854
  - H^+-N_2, elastic scatt., quenching of quantum undulations in differential cross section 2—707
  - H-N_2, 10, 25, 35 keV, cross section for destruction of 3s state in H 2 38854
  - H^+-Ne, H(2p) and H(2s) formation, differential charge transfer meas. 2—2993
  - H-Xe, potential energy function determined from high energy elastic scatt. 2—31707
  - H^+-h_2, 1-30keV, cross section for emission of Lyman-alpha radiation 2—5872
  - H^+-molecule collisions, cross sections for formation of fast excited H atoms 2—31717
  - H-p, dynamic coupling element calculation 2—705
  - H, 1-25 keV collision with inert gases, cross sections for formation of 2s and 2p states measured 2—12026
  - H, cascade excitation on passing through dense plasma and gaseous targets 2—15246
  - H, collisional and radiative transition rates for bound-bound and bound-free transitions, approximate formulae 2—31715
  - H, exchange scattering of positronium atoms, cross section calc. 2—5873
  - H, excitation by fast charged particle, eikonal DWBA analysis 2—5869
  - H, excitation by proton and α-particle impact, cross section 2—697
  - H, excitation to 2s state by 20-120 keV impact on He, Ne, Ar and N_2 2—31720
  - H, H^+, with H_2, excitation of H(2p) and H(2s) states 2—15245
  - H, H^+, with CO, slow negative ion formation processes 2—874
  - H, highly excited, charge- impact excitation 2—31711
  - H, large angle collisions with H^+, differential cross section meas. and interaction potential determination 2—710
  - H, metastable, cross sections for electron loss in collisions with Ar, H_2, N_2 and O_2 in energy range 2 to 60 keV 2—28231
  - H, on positronium atom, exchange scattering cross section calc. 2—2991
  - H, proton impact 1s-3d excitation, cross section calc. using Glauber approx. 2—5860
  - H, with charged particles, transitions between highly excited states, cross section calc. 2—8488
  - H, with Cl_2, Br_2, I_2, ICl, IBr, reactive scattering study 2—704
  - H,H^+, with CO, CO_2, methane and NH_3 at 1 to 25 keV, Lyman alpha emission cross sections 2—21544
  - H and H^+, with N_2 and O_2, Lyman-alpha emission cross sections 2—5868
  - H colliding with He, Ne, Ar, H_2, O_2, N_2, excitation of n=3 states in H 2—38849
  - H metastable, quenching cross section by He and Ar 2—38853
  - H^-, with neutral atomic or molecular targets, energy spectrum of emitted electrons studied 2—12023
  - H^+, collisional radiative recombination coeffs. in spark channels 2—12458
  - H^+, elastic scatt. from He, Ne, Ar, inversiion problem 2—706
  - H^+, elastic scatt. from inert gas atoms, 3 to 80 eV, differential cross section meas. 2—709
  - H^+, He, Ar, N_2, H_2 targets, 75-1000keV, formation of excited H atoms by charge transfer and dissociation 2—5853
  - H^+, in various gases in velocity range 2-5×10^9cm/sec, meas. of electron capture cross sections 2—718
  - H^+, large angle collisions with H, He, N, Ne, Ar, differential cross section meas. and interaction potential determination 2—710
  - H^+, with D_2 and H_2, vibrational excitation of D_2 and H_2 2—881
  - H^+, with He, Ar, H_2, H(2s) formation by charge transfer, ang. distribution 2—2994
  - H^+, with Na and Mg, two-electron capture 2—5870
  - H^+ incident on various ground state targets, r.f.-optical method for studying electron capture 2—5852
  - H-^{4}He, 30-2000keV, 3s and 3p excitations of H investigated by method of distortion 2—24394
  - H—H, charge exchange, continuum distorted wave calc. of cross section 2—5866
  - H^+—H charge exchange, comparison between theory and experiment 2—5865
  - H^+—N_2, elastic scattering, investigation in 4 to 10 eV e.m. energy range 2—708
  - H^++ multicharged ion, excitation cross sections calc. using impact parameter method 2—653
  - H+A, charge transfer and excitation reactions, ang. momentum distrib. 2—717
  - $H^+ + Ar \rightarrow H(2p) + He^+$ differential scattering meas. 2—702
  - $H^+ + Ar \rightarrow H(2s) + Ar^+$ electron capture probability meas. 2—2990
  - H+CH_4 system, UHF LCAO MO GTO study of hydrogen exchange and abstraction 2—26336
  - H^++D_2, classical trajectory surface hopping approach 2—12302
  - H^++D_2 determ. of angular and velocity distributions of various products as a function of collision energy 2—12032
  - H^++F, molecular theory of fine structure transitions 2—5838

Collision processes continued

- **atoms** continued
  - H+F_2O reactions in cavity of EPR spectrometer, production of OH investigated, determ. binding energy of FO 2—18545
  - H+H^+, coupled state calcs., impact parameter method, cross sections 2—24400
  - H+H_2, collinear exchange reactions, with vibr. excitation reaction probabilities and thermal rate consts. 2—10608
  - H+H_2, collinear reactive scattering, quantum mechanical soln., numerical methods comparison 2—26322
  - H+H_2 collinear collision, on potential energy surfaces, classical trajectory calcs. 2—30039
  - H+H_2 collinear reactive collisions, reaction path method in close coupling computations 2—26337
  - $H + H_2 \rightarrow H_2 + H$, collinear exchange reaction, comparison of accurate quantum-mechanical probabilities with classical and transition-state theory results 2—8860
  - $H + H_2 \rightarrow H_2 + H$, collinear reactive collision, quantum mechanics 2—645
  - $H^+ + H \rightarrow H + H^+$, high energy, validity of Pradhan impulse approx. 2—5823
  - $H + H + H \rightarrow H_2 + H$, rate constant estimation using Monte Carlo simulation 2—715
  - $H^+ + H(1s) \rightarrow H(1s) + H^+$, Pradhan's impulse approx. 2—24398
  - H^++He, 6-150 keV, strong quasiperiodic dependence of autoionization shape parameters on projectile energy 2—12025
  - $H^+ + He \rightarrow H(2p) + He^+$ differential scattering meas. 2—702
  - $H^+ + He \rightarrow H(2s) + He^+$ electron capture probability meas. 2—2990
  - H^-+O_2, optical model analysis of energy distribution of final products 2—12301
  - $H^- + O \rightarrow H + O^-$, non resonant charge transfer, cross section calc. 2—692
  - H^++X, X=Ar, Kr and Xe, charge exchange cross sect. calc. in impact parameter approx. 2—716
  - $H^+ + Xe \rightarrow H + Xe^+$ resonant charge exchange process used to investigate validity of impact parameter method 2—28213
  - H(1s), Glauber calcs. polarization fraction of Lyman-α radiation emitted in collisions with e- 2—21540
  - H(2S), quenching in collisions with inert gases, H_2, D_2, cross sections for stripping reaction in range 0.5-2.5 keV 2—12028
  - H(25)-He(1S), total cross section determination 2—12029
  - H(2s), metastable 10-30 keV, destruction in passage through H, He, Ne, Ar, Kr, N, by electron loss, electron capture, and de-excitation 2—12027
  - He-Ar)$^+$ system, coupling terms between energy curves computed for quasi diabatic states 2—669
  - He-CO, vibrational excitation of CO 2—871
  - He^+-CO_2, dissociative charge exchange, differential cross section measurements 2—873
  - He-D_2, total cross sections at low thermal velocities 2—3008
  - He-H, translational absorption in transitory HeH molecule, line shape calc. 2—796
  - He-H^+, elastic scatt., inversion problem 2—706
  - He-H^+ collisions, formation of excited H atoms 2—31716
  - He-H^+ inversion problems for differential elastic scattering 2—666
  - He-H_2, absolute total scattering cross section meas. over relative velocity range of 2000-3000 m/sec 2—28430
  - He-H_2, dissociation of H_2 studied at 5500K using quasiclassical approx. determ. rate constant for reaction 2—21714
  - He-H_2, H_2 excitation cross section, calc. using dose coupling equations in quasiclassical approx. 2—877
  - He-H_2, vibrational energy transfer 2—35381
  - He-H_2, vibrational excitation of the ang. distributions in eV region 2—876
  - He-H_2, vibrationally and rotationally inelastic differenital cross sections, exact quantum mechanical calc. 2—879
  - He-H_2 gas-plasma interaction, excitation transfer 2—35189
  - He-H_2^+(H_3^+), collisional dissociation, formation of fast excited H atoms 2—31718
  - He-He, computer-based films generated from accurate a priori computations 2—2976
  - He-He, cross section meas. at very low temp. 2—3005
  - He-He, crossed beam differential elastic scatt. meas., intermolec. potential determination 2—8861
  - He-He, dispersion forces, effect of intra-atomic electron correlation, calc. using double perturbation theory and one-centre method 2—8499
  - He-He, low energy repulsive interaction potential 2—3006
  - He-He, quantum statistics effects in velocity dependence of scatt. cross section 2—3007
  - He-He, very low energy scattering, nonobservability of retardation effects, meas. of interatomic potential 2—24410
  - He-He interaction energy, average energy approximation 2—18366
  - He-He interactions, error bounds for R^{-8} dispersion forces 2—21553
  - He-He keV region, meas. of diff. cross section for ionization processes 2—736
  - He-He scattering at very low energy, retardation effects 2—12048
  - He^+-He, 30-60keV, absolute cross sections for 2^1S, 2^3S, 2^1P, 2^3P excitations 2—5892
  - He^+-He, He*(3p, 3P) excitation differential cross section, determination using ion-photon coincidence method 2—731
  - He^+-He, rotational coupling effects on differential elastic and inelastic cross sections 2—733
  - He^{2+}-He, electron capture and excitation, transition probabilities 2—694
  - He-He*, metastability-exchange cross section, 15-115K, temp. dependence, optical pumping expt. 2—31732
  - He-Kr binary collision broadening, impact theory predictions for shift and width of isolated electronic spectral lines 2—18339
  - He-Li^+, dispersion forces, effect of intra-atomic electron correlation, calc. using double perturbation theory and one-centre method 2—8499
  - He-N_2, low energy scattering cross sections 2—24408
  - He-Ne electron capture in excited state 2—38860
  - He^{++}-Ne, differential inelastic scatt., cross section meas. and single charge exchange investigation 2—730
  - He-metal surface scatt., Debye-Waller factor 2—12635
  - (He,H_2), 0.02-2MeV, determ. of cross sections for electron loss 2—739
  - (He,He), 0.02-2MeV, determ. of cross sections for electron loss 2—739
  - He, ^1P autoionization states in elastic scattering region 2—31731
  - He, 2^1S and 2^3S metastable states, Penning ionization cross sections 2—12044
  - He, 4^1S, 4^1D and 3^1P levels, fast proton excitation. absolute cross section meas. 2—2999
  - He, ang. distrib. of electrons ejected by incident protons of up to 2.0 MeV energy 2—12056
  - He, collisional transfer of excitation, singlet-triplet mixing 2—720

Collision processes continued
  atoms continued
    He, collisions of second kind, cross section dependence on exptl. parameters 2—3004
    He, cross sect. of electron ejection by 100-300 keV protons, calc. using binary encounter polarized orbital method 2—12059
    He, cross section for destruction of 2^1S metastable state by collision-induced emission 2—38917
    He, dissociation of NO^+ at 2 to 5 keV 2—895
    He, double differential cross sections for ejection of electrons by 100 and 300 keV protons 2—12058
    He, ejection of secondary electrons in collisions with 200-500 keV protons 2—12057
    He, excitation by 20-100 keV H^+, H, He^+, He beams, cross section determ. from spectroscopic analysis of emitted radiation 2—3000
    He, excitation by fast charged particle, eikonal DWBA analysis 2—5869
    He, He^+, on Mg and Pb, selection rule for charge transfer 2—5891
    He, He^+, with Mg and Pb, cross sections for electron capture and loss 2—5890
    He, head-on collisions, with K^+, K^+ energy loss meas. 2—679
    He, ionization by collisions with He^+ in range 250-4000 eV, cross sect. meas. 2—11975
    He, ionization by proton impact, determ. differential and total cross sections 2—28216
    He, large angle collisions with H^+, differential cross section meas. and interaction potential determination 2—710
    He, near threshold electron impact excitation of n=2 states, study of trapped electron spectra 2—12041
    He, proton impact ionization, differential cross section meas. 2—5861
    He, proton scatt., simplified second Born approx. applic. 2—723
    He, with 10-130 keV H_1^+, H_2^+, H_3^+, excitation of autoionizing states, energy spectrum of emitted electrons studied 2—12046
    He, with Ar, Kr, Xe, analysis of ejected electrons 2—3003
    He, with H_2^+, H(2p) and H(2s) formation, ang. dependence 2—885
    He, with He and H_2, abs. integral cross section meas. in energy range 0.1 to 2.8 eV, determination of intermolec. potential parameters 2—3147
    He, with N_2, differential cross section, high resolution meas. 2—897
    He arc, effect on line intensities and temp. 2—24940
    He beam, glory scattering by CH_4, N_2, O_2, NO, CO, CO_2, calc. using Lennard-Jones potential 2—3139
    He beam scattering on He, Ne, Ar, Kr and Xe targets, meas. of cross section at thermal energy 2—2973
    He cross sections for inelastic $2^3S \rightarrow 2^3P$ collisions, quantum mechanical calc. 2—729
    He gas, n=3 states, collision relaxation by associative ionization 2—15251
    He gas, n=3 states, excitation transfer by normal atoms and electrons 2—18364
    He low-energy repulsive interaction potential determ. from integral elastic cross section 2—21551
    He states, level-crossing expts., ion impact 2—38858
    He^+, charge exchange collisions at energies from 10 to 200 keV, formation of He metastables 2—5889
    He^+, excitation of $C\,^2\Sigma_u^+$ state of N_2^+ 2—893
    He^+, with Ar, Kr, Xe, analysis of ejected electrons 2—3003
    He^+, with Na and Mg, two-electron capture 2—5870
    He^+ N_2, small angle charge exchange scatt., meas. from 0.50 to 3.00 keV 2—5888
    he^{++}, with He, Ne, Ar, single charge transfer, observed selection rule for exit channels 2—24409
    HeI lines, electron collision excitation functions, cross section variations 2—8497
    ^4He-Ne, quasiresonant collisions, depolarization of metastable level 2—31727
    He^++Alkali atom, near resonant charge exchange cross sect., prod. of He excited final states 2—738
    $He^+ + CO_2$, dissociative charge exchange, differential meas. 2—31730
    $He^+ + H$, radiative charge transfer, semi-classical and quantal calcs. of rate coefficients 2—12031
    $He^+ + HBr$, emission spectrum obs., excited state prod., v=0 level in $A^2\Sigma$ state of HBr^+ 2—31883
    $He^+ + HCl$, emission spectrum obs., excited state prod., v=0 level in $A^2\Sigma$ state of HCl^+ 2—31883
    $He^+ + He \rightarrow He^+ + He(2\ ^3S)$, low energy inelastic differential cross sections, coupled-channel calculations 2—38861
    $He^+ + He \rightarrow He^+ + He(2^3S)$, inelastic differential scattering cross sections 2—732
    He+W, atomic oscillator, semiclassical calc. of transition probabilities 2—8500
    He^*-Ar, Penning ionization, electron energy spectrum 2—12055
    $He^* + H_2 \rightarrow HeH^+ + H + E$ chemiionization reaction studied using merged beam apparatus, 0.05-10 eV, relative cross section determ. 2—12054
    $He^*(1s2s^3S) + H(1s^2S)$, Penning ionization, determ. cross sections and molecular autoionization lifetimes 2—18365
    $He(1S) + H_2\ (B^1\Sigma_u^+)$, interaction potential determ. by ab initio calcs. to interpret energy transfer expts. 2—18546
    $He^+(1s) + H(1s) \rightarrow He^+(1s) + H(2p)$, eikonal approx. for nonadiabatic electronic transition from 1s to 2p state 2—648
    $He^+(1s) + H(1s) \rightarrow He^+(1s) + H(2p)$, excitation process, cross sections, multistate eikonal approx. 2—24383
    He(2S) singlet and triplet cell, determ. metastable and ground state electron loss cross sections 2—12052
    He(2S) singlet and triplet metastables, 150-1600 eV deexcitation by N_2, absolute cross section determ. 2—12053
    $He(2^3S)$, 60-200 keV one electron capture in He, Kr, N_2, formation of He^- ions 2—12051
    $He(2^3S_1)$, Penning ionization of O_2, HCl, HBr, vibrational and rotational excitation 2—21716
    $He(2^3S) + He(2^3S) \rightarrow He(1^1S) + He^+ + e$, kinetics, 6-120K 2—18367
    $He(2^3S_1) + He(2^3S_1) \rightarrow He(1^1S_0) + He^+ + e$- occuring in afterglow, spin-angular-momentum conservation demonstrated 2—12050
    $He(2^3S_1) + He(2^3S_1) \rightarrow He(1^1S_0) + He^+ + e$-, in optically pumped discharged, cumulative ionization source of polarized electrons 2—12049
    $He(3^1D) + He \rightarrow He(3^1P) + He$, relaxation processes for N=3 states, total loss rates determ. 2—18351
    Hg-Ar(Ne) afterglow, electron temp. and $Hg(6^3P)$ density decay 2—32129
    Hg, collisional quenching and depolarization of resonance radiation 2—5841
    Hg, effect of interatomic resonant collisions on lifetime of 6^3P_1 state 2—21509

Collision processes continued
  atoms continued
    Hg, with K and Cs, differential scattering cross sections and intermolecular potential energy curves 2—888
    Hg, with superthermal K atoms, ang. scattering cross sections 2—682
    $^{198}Hg + ^{202}Hg$, population, orientation and alignment transfer 2—24356
    ^{199}Hg, 6^3P_2 state, collisions with Hg in ground state, relaxation phenomena 2—28222
    I-I_2, inelastic, molec. trajectory calc. presented as computer-animated films 2—2972
    I^+-alkanes, cross sections for positive ion prod. 2—24578
    I, heavy ions on O_2, Ar, Kr, Xe, C and Au, determ. of charge state fractions 2—668
    I, with Li, Na, K, chemi-ionization cross section 2—684
    I ions, 10-75 MeV, traversing dense jet of CO_2, determ. of charge exchange 2—3142
    I ions, 12 MeV, passing through H_2, N_2, O_2, CO_2, N_2O, CH_4, $(CH_2)_3O$, meas. electron capture and loss cross section 2—889
    I ions, $2p_{3/2}$ and $2p_{1/2}$ vacancy production at 15 to 60 MeV, differentiation 2—667
    I recombination in presence of I_2 and He, Ar, Xe, N_2 and CO, studied by flash photolysis 300-1173K 2—26356
    I^-, detachment and charge exchange cross sections in energy range 300 to 3000 eV 2—5836
    K^+-Ar, ion-atom potentials, derivation from intermediate and strong field mobility data 2—2966
    K^+-Ar, rel. to transparency 2—11992
    K-Br_2, chemi-ionization differential cross section 2—680
    K-Br_2, negative ion formation mass analysis 2—681
    K-CO_2, long lived collision complex formation, comparison of experiment with statistical model 2—676
    K-Cs crossed beams, thermal energy, velocity dependence of total elastic scattering cross section, determ. of long range potential 2—2975
    K-H_2, differential scattering cross sections and intermolecular potential energy curves 2—888
    K-I, chemi-ionization cross section 2—684
    K-I_2, cross section meas., comparison with harpooning model predictions 2—686
    K-Kr binary collision broadening of K absorption line, contribution of dipole-quadrupole dispersion 2—31667
    K, inert gases scatt., total cross sections meas. theory 2—12009
    K, ionization by 20-100 keV protons, electron prod. and ion formation cross sections 2—11979
    K, ionization by 20 to 100 keV protons 2—2949
    K, optically oriented system, triplet and singlet cross sections 2—8479
    K, superthermal, with Hg and I_2, ang. scattering cross sections 2—682
    K, with diatomic molecules, thresholds and energy dependence of excitation cross sections, meas. from 1 to 10 eV 2—2977
    K, with H_2, H_2, O_2, CO, ionization cross sections 2—31706
    K, with methyl iodide, reactive scattering, energy dependence of differential and total reaction cross sections 2—678
    K, with O atoms, charge exchange cross sections, theoret. study 2—691
    K^+, head-on collisions with He, H_2, D_2, energy loss meas. 2—679
    K^+, repulsive interaction potentials, calc. from total scattering cross sections 2—12011
    K^+, with He, Ne, Ar, Kr, determination of repulsive potentials from total scattering cross sections 2—12010
    K^+ and inert gas atoms, determination of repulsive potentials 2—38840
    K^+—He, Ne, Ar, excitation section structure, applicability of three term model 2—38841
    $K^+ + Ar$, excitation cross sections, for lines of KII and ArII 2—18329
    $K^+ + Ar \rightarrow K^{+*} + Ar$, threshold behaviour of excited cross section of KII resonance line 2—2951
    $K + Br_2 \rightarrow K^+Br + Br^-$, differential cross section for chemi- ionization in inelastic collisions 2—28223
    $K + HBr \rightarrow KBr + H$, total reaction cross section, computer trajectory calc. in eV region 2—677
    $K + I_2 \rightarrow K^+ + I + I^-$, differential cross section for chemi- ionization in inelastic collisions 2—28223
    Kr-H^+ inversion problems for differential elastic scattering 2—666
    Kr-Kr, low energy differential cross section rel. to derivation of multiparameter intermolec. potential 2—891
    Kr^+-Kr, charge transfer efficiencies, $^2P_{3/2}$ and $^2P_{1/2}$ states 2—18342
    Kr^+-Kr, charge transfer reaction, relative cross sections for $^2P_{1/2}$ and $^2P_{3/2}$ ions 2—8480
    Kr^+-Kr, inelastic energy losses on electron transitions in outer and inner shells 2—24389
    Kr, gaseous with I^-, X-ray excitation, inner shell vacancy prod. 2—15226
    Kr, with Ar and N_2, differential elastic scatt. cross section 2—898
    Kr, with CO^+, charge transfer cross sections in thermal and suprathermal range 2—658
    Kr, with Li, differential cross sections and intermolecular potentials 2—892
    Kr, with N_2, differential cross section, high resolution meas. 2—897
    Kr, with $Ne(^3P_{2,0})$, Penning and associative ionization, two state semiclassical model 2—11974
    Kr, with $Ne(^3P_{2,0})$, velocity dependence of ionization cross section 2—11966
    Kr beam scattering on He, Ne, Ar, Kr and Xe targets, meas. of cross section at thermal energy 2—2973
    Kr^+, excitation of inner and outer shells, inelastic energy losses and ionization 2—2965
    Kr^+, with CO, NO, O_2, charge transfer cross sections in thermal and suprathermal range 2—658
    Kr^+, with methane, charge transfer mechanism 2—659
    Kr+ atomic ions, H^+, He^+ or Ne^+, below 100 eV, ionization cross sections 2—24382
    $Kr + Kr^+(^2P_j)$, cross sections for charge transfer and fine structure transitions 2—683
    Li-Cs, total scatt. cross section rel. to singlet potential determination of LiCs molecule 2—21621
    Li-F, computer-based films generated from accurate a priori computations 2—2976
    Li^+-H_2, backward scatt., exp. inelastic differential cross sections for defined vibrational quantum transitions 2—880
    Li^+-H_2, classical study of rotational excitation of H_2 2—8859
    Li^+-H_2, thermal energy, close coupling calc. 2—878
    Li^+-Hd, interaction potential, rot. excitation cross sections region 2—3148
    Li^+-He, 10-75keV, spectral scan from 200-600 nm, obs. of doubly excited LiI levels 2—5801

Collision processes continued
  atoms continued
    Li^+-He, $600 \leqslant E \leqslant 2800$ eV, structure of cross section for charge exchange, oscillation with changing ion energy 2—737
    Li^+-He, calc. of diff. cross sections for elastic and inelastic scattering using impact parameter eikonal approx. 2—735
    Li^+-He 0.6-2.0 keV, meas. of scattered ion energy spectra and angular dist. of lines of energy loss spectra to determ. if inelastic excitation occurs 2—734
    Li-I, chemi-ionization cross section 2—684
    Li^+-Li, oscillatory structure in charge-transfer cross sections 2—31705
    Li^+-Li^+, dispersion forces, effect of intra-atomic electron correlation, calc. using double perturbation theory and one-centre method 2—8499
    Li, positron collisions, polarized orbital calcs. 2—2955
    Li^+, rotational excitation of N_2 2—894
    Li^+, with H_2, H_2 dissociation 2—882
    Li^+ induced dissociation of H_2, expt. evidence for spectator mechanism 2—18422
    ^{7}Li with Xe and Kr, differential cross sections and intermolecular potentials 2—892
    $^{6,7}Li^+$-He, single collision conditions, fine structure and hyperfine structure effects studied 2—5844
    $Li+Br_2 \rightarrow Li^+ + Br + Br^-$, differential cross section for chemi- ionization in inelastic collisions 2—28223
    $Li+O_2 \rightarrow LiO_2$, cocondensation reaction, matrix laser Raman spectra of LiO_2 2—38921
    $M+N^{n+} \rightarrow M^+ + N^{(n-1)+}$, where N^{n+}=heavy ion, electron capture cross sections 2—651
    Mn violet triplet, pressure broadening and shift due to foreign gases 2—31664
    N-N_2, excitation of first positive and first negative radiation in 6000 to 14000K range 2—15319
    N, large angle collisions with H^+, differential cross section meas. and interaction potential determination 2—710
    N, multiply charged ion beam passing through celluloid film, determ. of electron loss and capture cross section 2—1447
    N, radiative recombination to form stable molecule 2—18345
    N, recombination via $N_2(a'\pi_g)$ and $N_2(a'1\Sigma_u)$ states 2—804
    N (^4S_o), formation of $N_2(B^3\pi_g, v=13)$ by inverse predissociation 2—803
    N^+, collisional excitation cross-sections at 50 keV from He target 2—18344
    N^+, total charge-changing collision cross section in water vapour 2—38414
    N^+, with C foil, equilibrium charge distributions 2—5833
    N^+, with N_2 and Ne, at keV energies, KLL Auger electron emission 2—663
    N^{2+} with He, Ne, Ar, meas. of differential scattering with single electron capture, o.7-3.0 keV, interp. of curve crossing 2—672
    N^+—O_2, charge exchange collision, rate coeff. meas. 2—5832
    $N^+ + N_2 \rightarrow N_2^+ + N$, apparent charge exchange reaction, cross section meas. 2—685
    $N+Y^+ \rightarrow N^+ + Y^{(+)}(+e)$, Y=He, Ne, Ar, N, measurement of N^+ production in 'Kepler' inclined-beam instrument 2—11998
    Na-H, broadening of solar Na D-line 2—7548
    Na-He, cross-section for spin relaxation in ground state calc. 2—8457
    Na-He, pressure broadening of NaI 5889 Å and 5895 Å lines by thermal and high temperature He 2—31669
    Na-I, chemi-ionization cross section 2—684
    Na-I_2, cross section meas., comparison with harpooning model predictions 2—686
    Na^+-Na charge transfer cross section calc. obs. of oscillations 2—24378
    Na^+-O-, mutual neutralization cross section, meas. with superimposed beams 2—688
    Na, charge transfer cross-section measured for various ions, 1-500 eV 2—35162
    Na, D-line radiation excitation in collisions with internally excited H_2, D_2, N_2 2—35161
    Na, excited, sensitizing collisions with inert gas atoms in strong mag. field, polarization transfer 2—2978
    Na, with diatomic molecules, thresholds and energy dependence of excitation cross sections, meas. from 1 to 10 eV 2—2977
    Na, with Li^+, Na^+, K^+, cross sections for electronic excitation 2—2980
    Na, with O atoms, charge exchange cross sections, theoret. study 2—691
    Na, with SO_2 and NO_2, 1 to 30 eV, electronic excitations 2—687
    Na^+, ionization and dissociation of H_2, N_2, O_2 at 5 to 42 keV 2—883
    Na^+, rotational excitation of N_2 2—894
    Na^+, with H_2, H_2 dissociation 2—882
    Na^+ with inert gas atoms, excitation mechanism and role of inelastic transitions, scattering 2—674
    Na^+—Na resonance charge transfer, cross section calc. from Na_2^+ potential curves 2—3055
    $Na+CO^+ \rightarrow NaC^+ + O$, 0.05-10.0 eV, merging beam study indicates reaction is endothermic 2—12012
    $Na+CO^+ \rightarrow NaO^+ + C$, 0.05-10.0 eV, merging beam study indicates reaction is endothermic 2—12012
    $Na^+ + Li \rightleftharpoons Na + Li^+$, cross sections for nonresonant charge capture in energy range 100 eV to 12 keV 2—24388
    $Na^+ + Ne$, low energy collisions, phase interference effects obs. in total cross section 2—2979
    Ne-Ar antisymmetric system, orbital energy internuclear separation curves determ. using ab initio HF molecular orbital method 2—28214
    Ne-H^+, elastic scatt., inversion problem 2—706
    Ne-H^+ inversion problems for differential elastic scattering 2—666
    Ne-Ne crossed beam differential elastic scatt. meas., intermolec. potential determination 2—8861
    Ne-Ne symmetric system, orbital energy internuclear separation curves determ. using ab initio HF molecular orbital method 2—28214
    Ne^+-Ne, inelastic, MO calculations for internuclear separation between 0 and 2.00 au 2—689
    Ne^+-Ne, inelastic energy losses on electron transitions in outer and inner shells 2—24389
    Ne^+-Ne symmetric system, cross section for production of K shell vacancies calc. using electron-promotion model 2—24376
    Ne, $3P_0$ and $3P_2$ metastable states, Penning ionization cross sections 2—12044
    Ne, electron collisions, vacuum u.v. spectra 2—18454
    Ne, large angle collisions with H^+, differential cross section meas. and interaction potential determination 2—710
    Ne, with C^+, N^+, O^+, Ne^+, at keV energies, KLL Auger electron emission 2—663

Collision processes continued
  atoms continued
    Ne beam scattering on He, Ne, Ar, Kr and Xe targets, meas. of cross section at thermal energy 2—2973
    Ne high kinetic energy metastables, rearrangement ionization reactions with D_2 and HD 2—12013
    Ne^+, excitation of $C^2\Sigma_u^+$ state of N_2^+ 2—893
    Ne^+, scattered through angles <2° by Ne gas atoms, 3.5 to 90 keV, meas. of inelastic energy loss spectra 2—670
    Ne^+, with C foil, equilibrium charge distributions 2—5833
    Ne^+, with N_2 and Ne, at keV energies, KLL Auger electron emission 2—663
    ^{20}Ne, $3s_2$-$3p_4$ laser transition, pressure dependence of radiation width, broadening and frequency 2—8455
    Ne+Ne, low energy collisions, phase interference effects obs. in total cross section 2—2979
    Ne*-Xe, Penning ionization electron energy spectra 2—12055
    $Ne^* + H_2 \rightarrow NeH^+ + H + e^-$, rearrangement ionization, study at high collision energies 2—10610
    $Ne^*(2p^53s^3P)$+Ar, ionization total cross sections calc. semiclassically in the energy range 0.001 to 1000eV 2—28212
    Ni, electronic stropping power of 21 keV Ne ions 2—9913
    O-CO scattering. calc. of CO_2 resonance formation probability 2—690
    O-H, formation of OH radical through inverse predissociation 2—816
    O^+-N_2, reactive and charge transfer, effects of metastable O^+(2D) 2—8482
    O-N_2 nonpairwise interaction, calc. of vibrational transition probabilities 2—15238
    O-, collisions with Na^+, mutual neutralization cross section, meas. with superimposed beams 2—688
    O, multiply charged ion beam passing through celluloid film, determ. of electron loss and capture cross section 2—1447
    O, with CH, formation of CHO^+ by associative ionization, theoretical study 2—872
    O, with Na, K, Rb, Cs, charge exchange cross sections, theoret. study 2—691
    O^+, with Ar and Ne at 50 to 200 keV, natural widths of kinetic energy loss distributions 2—15239
    O^+, with C foil, equilibrium charge distributions 2—5833
    O^+, with N_2 and Ne, at keV energies, KLL Auger electron emission 2—663
    O^{2+} with He, Ne, Ar, meas. of differential scattering with single electron capture, 0.7-3.0 keV, interp. of curve crossing 2—672
    O^{5+}, with Fe at 30 MeV, multiple inner shell ionization, Fe k_α spectrum 2—665
    O^{5+} lithium like ions passing through C foil target, excitation of metastable autoionizing states, determ. of electron spectra 2—604
    $O+H^-$, K shell ionization cross sections due to proton impact 2—24381
    $O^+ + N_2 \rightarrow NO^+ + N$, ab initio configuration interaction calculation of potential energy curves 2—12014
    $O+O^-$, adiabatic potential curves, ab initio calc. 2—12185
    P^+-Ar, Auger electron emission, energy distribution for fixed impact parameters 2—693
    Pb-Kr, Van der Waals mol. form 2—24348
    ^{212}Pb, scattered on monotonic gases, cross section measured from distribution of α particle tracks 2—12015
    Rb-He, cross-section for spin relaxation in ground state calc. 2—8457
    Rb-I_2, cross section meas., comparison with harpooning model predictions 2—686
    Rb-Rb, thermal energies, spin dependence of total cross section 2—12016
    Rb, excited, collision with inert gas atoms, theory of fine structure transitions 2—21535
    Rb, in Ar buffer gas, cross-section for spin depolarization. indirect optical pumping 2—664
    Rb, slow collisions with Ar, Penning ionization 2—11982
    Rb, with alkali metal ions, charge transfer cross sections 2—2981
    Rb, with O atoms, charge exchange cross section, theoret. study 2—691
    Rb atoms, polarized, relaxation in intert gases, exptl. evidence for Rb inert gas molecules 2—28224
    $Rb^+ + Ar \rightarrow Rb^{+*} + Ar$, threshold behaviour of excited cross section of RbII resonance line 2—2951
    Se, heavy ions on O_2, Ar, Kr, Xe, C and Au, determ. of charge state fractions 2—668
    Se, solid with I^-, X-ray excitation, inner shell vacancy prod. 2—15226
    Si, charge exchange formation of excited C- 2—5835
    Si, Kα-X-ray spectra produced by 30 MeV oxygen bombardment 2—24350
    Sr^+, optically pumped, with inert gas atoms, spin depolarization 2—5846
    Te thin targets, scattering of I ions, 18-46 MeV, impact parameter dependence of X-ray production 2—38842
    U ions, traversing He, Ar, Kr, Xe, H_2, N_2 O_2 gases and C and Au foils, 2-15 MeV, equilibrium charge state distribution determ. 2—675
    $U+O \rightarrow UO^+ + e$, $U+O_2 \rightarrow UO_2^+ + e$, chemi-ionization processes, effective cross sections 2—33372
    $X^+ + Y^- \rightarrow X^* + Y$, charge exchange cross section meas., relative movement trajectory of colliding ions 2—652
    Xe-H^+, 15 eV, charge transfer, possibility of producing spin polarized H atoms 2—5867
    Xe^+-Xe, charge transfer efficiencies, $^2P_{3/2}$ and $^2P_{1/2}$ states 2—18342
    Xe^+-Xe, charge transfer reaction, relative cross sections for $^2P_{1/2}$ and $^2P_{3/2}$ ions 2—8480
    Xe, with H_2, anisotropy of total collision cross section 2—3146
    Xe, with Li, differential cross sections and intermolecular potentials 2—892
    Xe, with Ne($^3P_{2,0}$), Penning and associative ionization, two state semiclassical model 2—11974
    Xe, with Ne($^3P_{2,0}$), velocity dependence of ionization cross section 2—11966
    Xe and CH_4 targets, determ. of differential cross sections and intermolecular repulsion parameters 2—2958
    Xe^+, with methane, charge transfer mechanism 2—659
    Xe^{2+} ion-atom collisions, M X-ray spectra 2—5847
    Xe+ atomic ions, H^+, He^+ or Ne^+, below 100 eV, ionization cross sections 2—24382
    $Xe+Xe^+(^2P_J)$, cross sections for charge transfer and fine structure transitions 2—683
    Zn^+-Zn, excitation processes at low energy 2—2982

  molecules
    see also Molecules/electron scattering
    0.02-2MeV, determ. of cross sections for electron loss 2—739
    $A+BC \rightarrow AB+C$, collinear reactive collision, quantum mechanics 2—645

Collision processes continued
molecules continued
alkali dimer reactive scattering, apparatus and exptl. conditions 2—31884
anharmonic oscillators, classical theory of vibrational relaxation 2—28251
asymmetric top molecules, collision broadening of absorption lines 2—15257
atom-diatomic molecule scattering, computational approach to optical potential construction 2—24366
atom-molecule, multicentre interaction potentials, closed expressions for expansion coefficients 2—11997
atom-molecule scattering, reactive, propagation techniques in calculations 2—636
Born approximations, unitarized 2—21477
broadening of atomic spectral lines by perturber gas, unified theory including impact and statistical theories 2—38804
carbon tetrachloride, with NO in $^2\pi_{3/2}$, $j=m_j=3/2$ state, orientational anisotropy in total collision cross section 2—3150
carbon tetrachloride-NO molecular beam collision, orientational anisotropy in total collision cross- section 2—8864
classical deflection angle for repulsive inverse power potential, exact series solution 2—24569
collinear collisions of diatomics, semiclassical transition probabilities 2—21715
collinear reactive collisions, reaction path method in close coupling computations 2—26337
composite particle problems, applic. of Faddeev and Watson techniques 2—8472
conference, Amsterdam (July 1971) 2—635
cyclopropane intermediates, protonated, evidence for existence in crossed-beam ion reactions 2—37034
deactivation rates of electronically excited molecular ions 2—31877
deutero-ethylene + F crossed molecular beam study 2—37021
diatom-atom, reactive, exact quantum cross sections for three-dimensional angle dependent model 2—4568
diatomic, vibrational distribution change on transition between electron states in collisions with electrons 2—3138
diatomic, vibrational excitation by atom, quantum mechanical impulse approx. 2—3134
diatomic, with Na and K, thresholds and energy dependence of atomic excitation cross sections, meas. from 1 to 10 eV 2—2977
diatomic molecule, scattering of an ion, calc. using screened Coulomb potential 2—869
diatomic oscillator, rotating, vibrating calc. of rotational and vibrational transitions in collisions with atoms 2—8854
Dicke effect, rel. to pressure line shape of gas spectra 2—38806
difluoroethylene isomeric mols. in charge transfer reactions with rare gas ions 2—35384
dipole-dipole, trajectories and rotational energy transfer, computer graphic studies 2—875
dispersion interaction const. for polyelectronic systems, limits, from dynamic polarizability 2—31697
dissociation, simplistic model analysis 2—8503
elastic scattering, direct determination of potential 2—31694
electron time-of-flight spectrometer for total-cross-section-meas. at low energies 2—31009
electron-ion recombination coeff. during triple collisions in molecular gas 2—21873
electron-positive ion collisions, concentric electron beam device described, meas. of electron-ion recombination coeff. in flowing afterglow 2—12000
electronic absorption and Raman spectra, induced, symmetry selection rules 2—15255
endoergic processes, post-threshold energy dependence of cross section 2—21712
energy distribution of products for reactions without activation energy, optical model analysis 2—12301
energy transfer between atom and diatomic mol., influence of induced rotation and anisotropy effects 2—6005
energy transfer of highly vibrationally excited polyatomic molecules 2—24573
ethyl radicals produced in the pyrolysis of azoethane in reflected shock waves, 1000-1540K 2—20184
ethylene, ion-molecule reactions, H scrambling 2—40808
ethylene + F, crossed molecular beam study 2—37021
ethylene oxide, microwave spectral line broadening study 2—35385
four-atomic molecules, dissociation into diatomic species, initial vibrational and rotational population distributions predicted by statistical model 2—866
friction coefficient formalism in statistical mechanics of transport processes 2—30806
gas, high pressure, i.r. amplification 2—21041
Gaussian model potentials, orientation dependence 2—31878
generalized phase shift treatment of rotational excitation, classical limit 2—6008
halogen molecule-deuterium atom beam collision study 2—13564
halogens, reactive scattering with K_2, cross sections and mechanisms 2—890
hydrocarbon ions, CH_n^+, with N_2 at 4o to 140keV, dissociation 2—900
hydrogen bonded molec. fluids, collision-induced light scatt., exponential spectral shape as criterion 2—3016
hydrogen ions, CH_n^+, cross section meas. on gas targets 2—901
I_2, with Na, K, Rb, Cs, cross section meas., comparison with harpooning model predictions 2—686
inelastic scattering, calculation of energies and widths of compound-state resonances by stabilization method 2—12002
inelastic scattering, solution of set of coupled phase equations using multichannel WKB theory 2—867
interstellar formaldehyde, pumping mechanism for anomalous 6 cm absorption 2—26750
ion-ion recombination total cross sections calc., absorbing sphere model 2—26328
ion-molecule, role of orientation-dependent forces, computer graphics studies 2—2962
ion-molecule capture collisions, ion quadrupole effects on cross section and multiple reflection phenomena 2—12300
ion-molecule collisions, ion- quadrupole effects, capture cross sections 2—24565
ion-molecule reactions, pulsed ion cyclotron double resonance spectroscopy 2—24568
ion-molecule reactions for positive ions with relative translational energies <3keV review 2—24567

Collision processes continued
molecules continued
ion-molecule reactions in ionospheric D-region, laboratory obs. 2—7337
ionizing collisions of NO, C_2H_4, C_3H_6 and C_6H_6 with excited metastable Ar, Penning ionization electron spectroscopy 2—18337
with ions, multiply charged, Auger dissociation mechanism 2—868
Kassel relaxation process, exact soln. 2—8851
ketones, mechanism of energy transfer to rare earth ions, effect of electron density of CO group 2—31886
Lorentz gas, induced infra-red spectra, intercollisional interference effects, kinetic theory 2—31876
many-particle scattering, effects of approximate cluster functions on parameters and improved pseudostate expansion 2—11995
methane, ejection of secondary electrons in collisions with 200-500 keV protons 2—12057
methane, ion-molecule reactions, H scrambling 2—40808
methane, reactions of positive ions in gas, pulsed ion cyclotron double resonance spectroscopy 2—24568
methane, with Ar^+, Kr^+, Xe^+, charge transfer mechanism 2—659
methane, with H and H^+ at 1 to 25 keV, Lyman alpha emission cross sections 2—21544
methyl bromide, microwave spectral line broadening study 2—35385
methyl iodide, with K atoms, reactive scattering, energy dependence of differential and total reacton cross sections 2—678
methylene, singlet, vibrational deactivation by collision induced integration crossing 2—12311
methylene difluoride, microwave spectral line broadening study 2—35385
mobilities of polyatomic ion in gases, core model 2—18699
molecular beams, large angle scattering, application of deconvolution techniques 2—24571
molecular beams, potential energy surfaces and reactive scattering 2—12298
mono- and tri-methylamine vapours, collision diameters 2—32183
near classical theory, Ehrenfest theorem 2—15424
non-adiabatic transitions, close coupling problem soln. in collision theory 2—24365
non-polar liquid mixtures, collisional polarization 2—1107
nonlinear system, nonreactive impact, Hamiltonian operator model 2—6007
Penning ionization electron spectroscopy 2—35222
perfluoroalkyliodide molecules in collision with iodine atoms, deactivation 2—8449
potential-energy surface variations, influence on exchange-reaction probabilities 2—22858
pressure broadening, molecular gases, classical path approx. 2—748
proton transfer reactions, determination of relative proton affinities 2—10597
proton transfer reactions of type $XH^+ + Y \rightleftharpoons YH^+ + X$, kinetics and energetics studied by flowing afterglow method 2—12303
quantal theory, exponential approximations, short wavelength regime 2—8856
quasi resonance energy transfer, non monotonous temp. depend. 2—3149
reaction product angular distribution, long lived complex formation 2—4574
reaction times in nanosecond region, direct meas. from excited state lifetimes on function of particle density 2—11999
reactive, analysis of symmetry effects 2—1743
reactive collisions, degenerate electronic states, multiple potential energy surfaces 2—24369
reactive collisions, degenerate electronic states, multiple potential energy surfaces 2—24370
reactive scattering, Volterra eqn. formalism for coupled channel densities and modified wavefunctions 2—8855
resonance broadening of spectral lines in gases, many-body aspects 2—753
review 2—35380
rotational energy transfer, investigation using collisional relaxation of microwave absorption spectra 2—12297
rotational transitions, collision-induced, Born approximation treatment 2—18380
scattering, quasiclassical approx., evaluation of jacobian determinants by Monte Carlo methods 2—24566
scattering in free jet expansions, model 2—24576
scattering parameters, error bound for coupled channel calcs. 2—3136
semiclassical scatt. theory and total cross sections, systems with many crossing points 2—7686
semiclassical transition probabilities, asymptotic evaluation of S matrix 2—8852
semiclassical vibr.-rot. transition probabilities, collision induced for rotational state averaged potentials 2—8574
solid surface, free flow, drag and lift coeffs., model calc. 2—18912
spectral lines, optical broadening and depolarization 2—31698
spherical gas molecules, rotational relaxation 2—18379
spherical-top molecules, collision-induced far i.r. rotation-translation spectrum, quantum theory 2—5896
strong coupling regime, application of approx. soln. of time dependent Schrodinger eqn. 2—27054
s- tetrazine with 3-methyl pentane and Ar, resonance fluorescence and its quenching 2—39009
three dimensional reactive collision, AB+C type, collision coordinates 2—10603
transition state theory, collision complexes, product translational energy distrib. 2—20174
transport properties of hard-sphere test particle, correlation functions 2—7723
two-particle collisions, 2-15 keV, studied with 'Kepler' an inclined-beams instrument 2—11998
vibrational excitation, dependence of transition probability on impact parameter 2—6006
vibrational transition probabilities calculated from three-dimensional model 2—35379
vibrational-translational energy transfer, semiclassical transition probabilities (S-matrix) 2—8853
weak vibrational excitation, semiclassical theory 2—39022
Ar-H_2 system, intermol. pot. parameters, effective cross sections 2—15426
Ar_2, scattering data, determ. of pair potential and second virial coeffs. 2—3027
$Ar_m^* + C_2H_2 \rightarrow ArC_2H_2^+ + e$, pulsed mass spectrometric study of associative ionization, cross section for excitation into triplet states of Ar meas. 2—15237

Collision processes continued
  molecules continued
    $Ar_m^*+NO \rightarrow ArNO^++e$, pulsed mass spectrometric study of associative ionization, cross section for excitation into triplet states of Ar meas. 2–15237
    BF_3, negative ion molecule reactions rel. to electron attachment processes 2–32113
    BF_3, negative ion molecule reactions rel. to electron attachment processes 2–32113
    Br_2, charge exchange with alkali atoms, adiabatic electron affinities 2–38898
    Br_2, with H and D atoms, reactive scattering study 2–704
    Br_2, with K atoms, chemi- ionization differential cross section 2–680
    Br_2, with K atoms, negative ion formation, mass analysis 2–681
    $Br_2+K \rightarrow Br^-+Br+K^+$, differential cross section for chemi-ionization in inelastic collisions 2–28223
    $Br_2+Li \rightarrow Br^-+Br+Li^+$, differential cross section for chemi-ionization in inelastic collisions 2–28223
    $Br_2^*+M \rightarrow Br_2+M$, M=inert gas atom 2–37028
    CH-O, formation of CHO^+ by associative ionization, theoret. study 2–872
    CNBr-Ar*, formation of $CN(B^2\Sigma^+)$ rotational levels, collision induced transition probabilities 2–35243
    CO^+-Ar vibrationally inelastic low energy scattering, determ. cross sections 2–12304
    CO-He, vibrational excitation of CO 2–871
    CO_2-K, long lived collision complex formation, comparison of experiment with statistical model 2–676
    CO_2-N_2-He mixtures, vibrational population inversions behind normal shock waves 2–24442
    CO_2-N_2 mixture. kinetic cooling, by CO_2 laser radiation absorp., vibrational energy transfer 2–18757
    CO_2-N_2^* flowing mixtures, vibrational energy exchange, i.r. emission at 2.7 μm 2–21590
    CO-O scattering. calc. of CO_2 resonance formation probability 2–690
    CO, CO_2, with H and H^+ at 1 to 25 keV. Lyman alpha emission cross sections 2–21544
    CO, collision parameters from flame spectra 2–28278
    CO, spectral linewidth self-broadening and broadening by Ar and N additions 2–38885
    CO, with Ar^+ and Kr^+, charge transfer cross sections in thermal and suprathermal range 2–658
    CO, with C^+, electron transfer and ion-atom interchange 2–8478
    CO, with H, $H^\pm$, slow negative ion formation processes 2–874
    CO, with $He(2^3S)$, dissociative excitation rate constants 2–12305
    CO, with K, K ionization cross sections 2–31706
    CO afterglow, mechanisms producing $C_2^*(A_3\Pi_g)$ molecules 2–35615
    CO mixtures with inert gases. determ. dependence of annihilation rates of slow positron on molecular concentration 2–24467
    CO^+, collisional deactivation of luminescence 2–15323
    CO^+, with Kr, charge trasfer cross sections in thermal and suprathermal range 2–658
    CO_2, 10.4 μm band, N_2 broadened collisional width, variation with rot. quantum no. 2–38899
    CO_2, dense jet, charge exchange of fast I ions, 10-75 MeV 2–3142
    CO_2, vibrational deactivation by collisions with HF and DF at 75 and 100C 2–15425
    CO_2, with He^+, dissociative charge exchange, differential cross section measurements 2–873
    CO_2, with inert gas atoms, exptl. determination of anisotropic potential energy surfaces 2–6012
    CO_2, with N_2 and inert gases, rate equations for vibrational relaxation, applic. to spectrophone data 2–8857
    CO_2 collisions with N_2O, CO, $^{13}CO_2$, $^{15}N_2$, D_2, ^{13}CO determ. temperature dependence of nearly resonant vibrational energy transfer 2–18542
    CO_2^+, electronically excited, collisional deactivation rates 2–31877
    CO_2CH_4 system, ion-molecule reactions studied at 0.1-0.4 torr in mass spectrometer, determ. rate constants 2–15421
    CO–Ar^+. charge exchange collision, rate coeff. meas. 2–5832
    CO_2+He^+, dissociative charge exchange, differential meas. 2–31730
    CO_2+N_2, vibrational energy exchange in collisions 2–3149
    $CO^++Na \rightarrow NaC^++O$, 0.05-10.0 eV, merging beam study indicates reaction is endothermic 2–12012
    $CO^++Na \rightarrow NaO^++C$, 0.05-10.0 eV, merging beam study indicates reaction is endothermic 2–12012
    $CO_2(xyo)+CO_2 \rightarrow CO_2(001)+CO_2$ shock tube meas. of vibrational relaxation, reaction rate obtained 2–35235
    C^++D_2 reactive scattering, energy and angular distribution of ionic product CD^+ in range 3.47 to 8.48 eV 2–12008
    Cl_2-Cl_2 (Ar, He). collision diameters from dependence of transmitted laser energy on pressure 2–18414
    Cl_2-H, linear reactive collisions. S-matrix construction 2–703
    Cl_2, charge exchange with alkali atoms, adiabatic electron affinities 2–38898
    Cl_2, with H and D atoms, reactive scattering study 2–704
    Cs-$H_2(N_2)$, excitation transfer cross sections 2–35152
    Cs-Hg, high resolution meas. of differential scattering cross section, intermolecular potential determ. by inversion of data 2–28427
    CsCl+KCl, collision complex formation cross sections, ang. distrib. from mol. beams 2–28429
    CsCl+KI, collision complex formation cross sections, ang. distrib. from mol. beams vel. distrib. 2–28429
    D_2-H^+, vibrational excitation of D_2 2–881
    D_2-He, vibrational energy transfer 2–35381
    D_2, collisions with He, total cross sections at low thermal velocities 2–3008
    D_2, head-on collisions with K^+, K^+ energy loss meas. 2–679
    D_2, internally excited, with Na atoms, Na D-line radiation excitation 2–35161
    D_2, rearrangement ionization reactions with high kinetic energy Ne metastables 2–12013
    D_2 beam, glory scattering by CH_4, N_2, O_2, NO, CO, CO_2, calc. using Lennard-Jones potential 2–3139
    D_2 energy spectrum of electrons released in collisions with Na, K, Rb, Cs, isotopic effect 2–12307
    D_2^+, gaseous targets, threshold-2 keV, cross section meas. of dissociation and ion-molecular reactions 2–12308
    DCl-DCl, trajectories and rotational energy transfer, computer graphics studies 2–875
    $D_2+C^+ \rightarrow D+CD^+$, threshold and reaction cross section 2–12007

Collision processes continued
  molecules continued
    D_2+O_2 crossed beams, elastic scattering, determ. of intermolecular potential 2–3145
    F atoms with H_2 and HD, classical dynamics rel. to potential energy surface 2–26334
    F_2O+H reactions in cavity of EPR spectrometer, production of OH investigated, determ. binding energy of FO 2–18545
    H_2- inert gas, contribution to proton spin lattice relaxation time, temp. range 165 to 265K 2–24986
    H^+-H_2, validity of Franck-Condon principle for $H^+ \rightarrow H^-$ double charge transfer at low scattering angle 2–24399
    H-H_2, 10, 25, 35 keV. cross section for destruction of 3s state in H 2–38854
    H_2-H, reactive collision. computational study of resonances 2–10596
    H-H_2 collinear reactive collisions, broken path model 2–26327
    H_2-H^+, vibrational excitation of H_2 2–881
    H_2-H^+, vibrational excitation of H_2 2–15427
    H_2^+-H_2 electron capture collisions, production of highly excited states of H_2, HD, D_2 2–38915
    H_2-H_2, loss of 1 to 42 keV/nucleon X $^1\Sigma_g^+$ and c $^3\Pi_u$ states 2–31880
    H_3^+-H_2 electron capture collision meas. of highly excited quantum states of H_3 2–38916
    H_2-He, H_2-Ne pairs, collision-induced absorption band 2–8652
    H_2-He, vibrational excitation of the ang. distributions in eV region 2–876
    H_2-He, vibrationally and rotationally inelastic differential cross sections, exact quantum mechanical calc. 2–879
    H_2^+-He, collisional dissociation and formation of fast excited H atoms 2–31718
    H_2^+-He, H(2p) and H(2s) formation, ang. dependence 2–885
    H_3^+-He, collisional dissociation and formation of fast excited H atoms 2–31718
    H_2-Li^+, backward scatt., exp. inelastic differential cross sections for defined vibrational quantum transitions 2–880
    H_2-Li^+, thermal energy, close coupling calc. 2–878
    H-N_2, 10, 25, 35 keV. cross section for destruction of 3s state in H 2–38854
    H_2-Xe, H_2-Ar, H_2-Kr gas mixtures collision induced frequency shifts of rotational lines obs. 2–8651
    H^+-molecule collisions. cross sections for formation of fast excited H atoms 2–31717
    H $(B^1\Sigma_u^+)$+He(1S), interaction potential determ. by ab initio calcs. to interpret energy transfer expts. 2–18546
    H_2, ang. distrib. of electrons ejected by incident protons of up to 1.5 MeV energy 2–12056
    H_2, energy spectrum of electrons released in collisions with Na, K. Rb, Cs, isotopic effect 2–12307
    H_2, head-on collisions with K^+, K^+ energy loss meas. 2–679
    H_2, internally excited, with Na atoms, Na D-line radiation excitation 2–35161
    H_2, N_2, O_2 gases traversed by U ions 2-15 MeV, equilibrium charge state distribution determ. 2–675
    H_2, rearrangement collisions with D atom, London surface pseudocrossings and dynamical features 2–713
    H_2, with Ar, Xe, N_2, anisotropy of total collision cross section 2–3146
    H_2, with H, H^+, excitation of H(2p) and H(2s) states 2–15245
    H_2, with H_3^+, H_3^+ dissociation cross section meas. at 410 to 1800 keV 2–884
    H_2, with H^+ and H, 1-30keV. cross section for emission of Lyman-alpha radiation 2–5872
    H_2, with H and He, excitation cross section, calc. using dose coupling equations in quasiclassical approx. 2–877
    H_2, with H atoms, exchange reaction probability. comparison of exact classical and quantum mechanical results 2–714
    H_2, with H atoms, planar reactive collision cross section calc. 2–712
    H_2, with H atoms, reactive scattering, quantum mechanical treatment 2–711
    H_2, with He, abs. integral cross section meas. in energy range 0.1 to 2.8 eV, determination of intermolec. potential parameters 2–3147
    H_2, with HeH^+, HeH^+ dissociation cross section meas. at 520 to 1025 keV 2–886
    H_2, with K, K ionization cross sections 2–31706
    H_2, with Li^+, classical study of rotational excitation of H_2 2–8859
    H_2, with Li^+, dissociation, expt. evidence for spectator mechanism 2–18422
    H_2, with Li^+ and Na^+, dissociation 2–882
    H_2, with Na^+ at 5 to 42 keV, ionization and dissociation 2–883
    H_2, X-ray mol. scattering factors calc. 2–8865
    H_2 dissociation by He studied at 5500K using quasiclassical approx. determ. rate constant for reaction 2–21714
    H_2 isotopes, collision cross sections governing relaxation of angular momentum polarizations 2–39026
    H_2 isotopic molecules, collision integrals 2–24577
    H_2 vibrational excitation by He, collision energy dependence of ang. distrib. 2–28292
    H_2 with 0.3 to 1.5 MeV protons. distributions in energy and angle of ejected electrons 2–12306
    H_2^+, gaseous targets, threshold-2 keV, cross section meas. of dissociation and ion-molecular reactions 2–12308
    H_2^+, He, Ar, N_2, H_2 targets, 75-1000keV, formation of excited H atoms by charge transfer and dissociation 2–5853
    H_2^+, with He, Ar, H_2, H(2s) formation by dissociation, ang. distribution 2–2994
    H_3^+, He, Ar, N_2, H_2 targets, 75-1000keV formation of excited H atoms by charge transfer and dissociation 2–5853
    H_3^+, with H_2 and N_2, dissociation cross section meas. at 410 to 1800 keV 2–884
    HBr-DBr. vibration to rotation energy transfer 2–31881
    HBr, Penning ionization by $He(2^3S_1)$, vibrational and rotational excitation 2–21716
    $HBr+He^+$, emission spectrum obs, excted state prod., v=0 level in $A^2\Sigma$ state of HBr^+ 2–31883
    HCl-H_2, upper limits to probability of collision-induced transfer from J to J-ΔJ, mechanism for rotational relaxation 2–15423
    HCl-HCl. trajectories and rotational energy transfer, computer graphics studies 2–875
    HCl, Penning ionization by $He(2^3S_1)$, vibrational and rotational excitation 2–21716
    HCl+Cl collision system, classical trajectory study of energy transfer 2–28431

Collision processes continued
molecules continued
$HCl+H$ collision system, classical trajectory study of energy transfer 2—28431
$HCl+He^+$, emission spectrum obs., excited state prod., v=0 level in $A^2\Sigma$ state of HCl^+ 2—31883
HD-Li^+, interaction potential, rot. excitation cross sections region 2—3148
HD, integrals, calc. by first order DWBA 2—6009
HD, rearrangement ionization reactions with kinetic energy Ne metastables 2—12013
HD beam, glory scattering by CH_4, N_2, O_2, NO, CO, CO_2, calc. using Lennard-Jones potential 2—3139
HF, room temperature rates of vibrational relaxation by HF, Ar, N_2, D_2, H_2, CO_2 determ. from laser- induced fluorescence 2—21615
HF, X-ray mol. scattering factors calc. 2—8865
H_2Mg, production of 1 to 42 keV/nucleon $X^1\Sigma^+_g$ and $C^3\Pi_u$ states of H_2 2—31880
H_2O-H_2O^+ collisions, comparison of integrated capture cross sections with reaction cross sections 2—31882
H_2–H_2 collinear collisions of diatomics, semiclassical transition probabilities 2—21715
H_2+Ar^*, near resonant electronic energy transfer, fluorescence obs. 2—28432
H_2+Cl collision system, classical trajectory study of energy transfer 2—28431
H^++D_2, classical trajectory surface hopping approach 2—12302
H^++D_2 determ. of angular and velocity distributions of various products as a function of collision energy 2—12032
$H_2+D\rightarrow HD+H$, differential reactive scattering cross section from molec. beam studies 2—28230
$H+H_2\rightarrow H_2+H$ reaction probabilities, influence of variations of potential-energy surface 2—22858
H_2+H, collinear reactive scattering, quantum mechanical soln., numerical methods comparison 2—26322
H_2+H, rotationally inelastic scattering, quantum mechanical treatment 2—39025
H_2+H collinear collision, on potential energy surfaces, classical trajectory calcs. 2—30039
H_2+H collinear reactive collisions, reaction path method in close coupling computations 2—26337
$H_2+H\rightarrow H+H_2$, collinear exchange reaction, comparison of accurate quantum-mechanical probabilities with classical and transition-state theory results 2—8860
$H_2+H\rightarrow H+H_2$, collinear reactive collision, quantum mechanics 2—645
H_2+He, vibrational energy transfer 2—28433
H_2+I collision system, classical trajectory study of energy transfer 2—28431
$H_2+Ne^*\rightarrow NeH^++H+e^-$, rearrangement ionization, study at high collision energies 2—10610
H^-+O_2, optical model analysis of energy distribution of final products 2—12301
H_2+O_2 crossed beams, elastic scattering, determ. of intermolecular potential 2—3145
$H_2(1s3p)^3\Pi_u$-H_2, cross section meas. 2—18428
Hbr+K→H+KBr, total reaction cross section, computer trajectory calc. in eV region 2—677
He-H_2, absolute total scattering cross section meas. over relative velocity range of 2000-3000 m/sec 2—28430
He-N_2, low energy scattering cross sections 2—24408
HeH^+, isotopic, unimolecular dissociation 2—887
HeH^+, with H_2 and N_2, dissociation cross section meas. at 520 to 1025 keV 2—886
$HeH^++H_2=He+He_3^+$, low energy reaction paths determ. using SCF and CI calculations 2—18436
$He^*+H_2\rightarrow HeH^++H+E$ chemiionization reaction studied using merged beam apparatus, 0.05-10 eV, relative cross section determ. 2—12054
I_2^+-alkanes, cross sections for positive ion prod. 2—24578
I ions, 12 MeV, passing through H_2, N_2, O_2, CO_2, N_2O, CH_4, $(CH_2)_3O$, meas. electron capture and loss cross section 2—889
I_2, charge exchange with alkali atoms, adiabatic electron affinities 2—38898
I_2, collisional depolarization of laser excited fluorescence 2—38919
I_2, with H and D atoms, reactive scattering study 2—704
I_2, with I, inelastic, molec. trajectory calc. presented as computer-animated films 2—2972
I_2, with superthermal K atoms, ang. scattering cross sections 2—682
IBr, charge exchange with alkali atoms, adiabatic electron affinities 2—38898
IBr, with H and D atoms, reactive scattering study 2—704
ICl, with H and D atoms, reactive scattering study 2—704
$I_2+K\rightarrow I^-+I+K^+$, differential cross section for chemi-ionization in inelastic collisions 2—28223
K-Hg, high resolution meas. of differential scattering cross section, intermolecular potential determ. by inversion of data 2—28427
K_2, reactive scattering with halogen molecules, cross sections and mechanisms 2—890
K_2+Br_2, ICl, IBr, BrCN, reactive scatt., ang. distribution meas. and total reaction cross sections 2—31885
LiH, X-ray mol. scattering factors calc. 2—8865
N_2-He mixtures, effective rate coeffs. for N_3^+ and N_4^+ form. 2—6010
N_2-N, excitation of first positive and first negative radiation in 6000 to 14000K range 2—15319
N_2^+-N_2, excitation of first positive and first negative radiation in 6000 to 14000K range 2—15319
N_2-O nonpairwise interaction, calc. of vibrational transition probabilities 2—15238
N_2^+-noble gas atoms, non-dissociative collisions, elastic scatt. and vibr. excitation 2—12310
N_2, 2-10keV proton impact, cross section for excitation of 3p states of H by observing Balmer alpha and Lyman alpha photons 2—5854
N_2, collision induced i.r. absorption, study in temp. range 77 to 297K 2—8668
N_2, ejection of secondary electrons in collisions with 200-500 keV protons 2—12057
N_2, elastic scatt. of H^+, investigation in 4 to 10 eV c.m. energy range 2—708
N_2, elastic scatt. of H^+, quenching of quantum undulations in differential cross section 2—707
N_2, internally excited, with Na atoms, Na D-line radiation excitation 2—35161

Collision processes continued
molecules continued
N_2, metastable $A^3\Sigma_u^+$ state, scattering and deactivation 2—15428
N_2, reactive and charge transfer collision with O^+, effects of metastable $O^+(^2D)$ 2—8482
N_2, small angle charge exchange scatt. of He^+, meas. from 0.50 to 3.00 keV 2—5888
N_2, with Al^+ and Er^+, total cross sections for charge exchange 2—6011
N_2, with Ar, rotational inelasticity, comparison of generalized phase shift and classical trajectory calculations 2—8862
N_2, with Ar and Kr, differential elastic scatt. cross section 2—898
N_2, with C^+, N^+, O^+, Ne^+, at keV energies, KLL Auger electron emission 2—663
N_2, with CH_n^+ at 40 to 140 keV, CH_n^+ dissociation 2—900
N_2, with H_2, anisotropy of total collision cross section 2—3146
N_2, with H_3^+, H_3^+ dissociation cross section meas. at 410 to 1800 keV 2—884
N_2, with H and H^+, Lyman- alpha emission cross sections 2—5868
N_2, with HeH^+, HeH^+ dissociation cross section meas. at 520 to 1025 keV 2—886
N_2, with $He(2^3S)$, dissociative excitation rate constants 2—12305
N_2, with K, K ionization cross sections 2—31706
N_2, with N^+, K-shell excitations, differential investigation of velocity dependence 2—2967
N_2, with Na^+ and Li^+, rotational excitation 2—894
N_2, with Na^+ at 5 to 42 keV, ionization and dissociation 2—883
N_2, X-ray mol. scattering factors calc. 2—8865
N_2 dissociation by electron collision in electrical discharges 2—35275
N_2 gas with F ions, 4-54 MeV, determ. electron-transfer cross sections 2—28221
N_2 mixtures with inert gases, determ. dependence of annihilation rates of slow positron on molecular concentration 2—24467
N_2 vibrationally excited, total cross section for quenching of electronically excited alkali atoms at high temperatures 2—31692
N_2^+, collisional deactivation of luminescence 2—15323
N_2^+, collisional deactivation of luminescence 2—15323
N_2^+, electronically excited, collisional deactivation rates 2—31877
N_2^+, excitation and predissociation of excited states 2—896
N_2^+, gaseous targets, threshold-2 keV, cross section meas. of dissociation and ion-molecular reactions 2—12308
n_2^+, induced predissociation in mass spectrum 2—12162
N_2^+, with He^+ and Ne^+, excitation of C $^2\Sigma_u^+$ state 2—893
N_2^+, with protons, charge transfer excitation of first negative 3914 Å band, photon-particle coincidence meas. 2—809
NH_3-H_2, observation of $\Delta k=\pm 3$ transitions 2—24579
NH_3-NH_3^+ collisions, comparison of integrated capture cross sections with reaction cross sections 2—31882
NH_3, collision induced rotational transition, microwave double resonance study 2—12177
NH_3, with H and H^+ at 1 to 25 keV, Lyman alpha emission cross sections 2—21544
NO, $^2\pi_{3/2}$, $j=m_j=3/2$ state, with carbon tetrachloride, orientational anisotropy in total collision cross section 2—3150
NO, mechanisms for resonance production postulated, temperature dependence of average transition probability 2—35382
NO, with Ar^+ and Kr^+, charge transfer cross sections in thermal and suprathermal range 2—658
NO^+ He, NO^+ dissociation at 2 to 5 keV 2—895
NO_2, charge exchange with alkali atoms, adiabatic electron affinities 2—38898
NO_2, with Cs atoms, analysis of ion production 2—899
NO_2, with Na, 1 to 30 eV, electronic excitations 2—687
N_2O, with Cs atoms, analysis of ion production 2—899
N_2O, with inert gas atoms, exptl. determination of anisotropic potential energy surfaces 2—6012
N_2O absorption lines, foreign-gas broadening coefficients 2—28309
NO–Ar^+, charge exchange collisions, rate coeff. meas. 2—5832
$NO^++Ba\rightarrow BaN^++O,BaO^++N$ merging-beam study, determ. cross sections and kinetic energy of products 2—12005
$NO^++Ba\rightarrow BaN^++O(BaO^++N)$, merging beams study of ion-molecule reaction 2—12006
$NO^-+X\rightarrow NO+X+e$, rate constants for collisional detachment, 193-506K 2—21718
N_2–Ar^+, charge exchange collision, rate coeff. meas. 2—5832
$N_2^++Ba\rightarrow BaN^++N$, merging-beams study of ion-molecule reaction 2—12006
$N_2^++Ba\rightarrow BaN^++N$ merging-beam study, determ. cross section and kinetic energy of products 2—12005
$N_2+N^+\rightarrow N+N_2^+$, apparent charge exchange reaction, cross section meas. 2—685
N_2+rare gas ions, interaction, products, rotational excitation, statistical phase space model 2—10600
Na_2, collision-induced rotational transitions, asymmetries, Born approximation treatment 2—18380
$Na_2(b^1\pi_u)$ state, collision induced energy transfer 2—3151
Ne_2, with He, Ar, Kr, differential cross section, high resolution meas. 2—897
O_2-Ar, quantum state dependent scattering 2—3152
O_2-Ba, reactive scattering in crossed beam experiment 2—662
O_2, charge exchange with alkali atoms, adiabatic electron affinities 2—38898
O_2, collision induced vibrational and electronic spectra from 90 to 115 K 2—21635
O_2, electron affinity from energy thresholds for negative-ion electron transfer reactions 2—5945
O_2, electronic, excitation deactivation and attachment 2—5902
O_2, endothermic negative-ion charge transfer reactions, electron affinity meas. 2—8863
O_2, Penning ionization by $He(2^3S_1)$, vibrational and rotational excitation 2—21716
O_2, with Ar^+ and Kr^+, charge transfer cross sections in thermal and suprathermal range 2—658
O_2, with Ba, reactive scattering, angular distribution meas. 2—4576
O_2, with Cs atoms, analysis of ion production 2—899
O_2, with H and H^+, Lyman-alpha emission cross sections 2—5868
O_2, with K, K ionization cross sections 2—31706
O_2, with Na^+ at 5 to 42 keV, ionization and dissociation 2—883
O_2 and mixtures with H_2, He_3, He_4, vibrational relaxation times determ. from sound absorption measurements 2—38932
OCS, microwave spectral line broadening study 2—35385

Collision processes continued
molecules continued
O_2—Ar^+, charge exchange collisions, rate coeff. meas. 2—5832
O_2—N^+, charge exchange collision, rate coeff. meas. 2—5832
$O_2^+ + Ba \rightarrow BaO^+ + O$, merging beams study of ion-molecule reaction 2—12006
$O_2^+ + Ba \rightarrow BaO^+ + O$ merging-beam study, determ. cross sections and kinetic energy of products 2—12005
$O_2 + Li \rightarrow LiO_2$, cocondensation reaction, matrix laser Raman spectra of LiO_2 2—38921
$O^+ + N_2 \rightarrow NO^+ + N$, ab initio configuration interaction calculation of potential energy curves 2—12014
$O_2 + U \rightarrow UO_2^+ + e$, chemi- ionization process, effective cross section 2—33372
SF_6, effect of resonant collisions on a self-induced transparency pulse 2—35383
SO_2, with Na, 1 to 30 eV, electronic excitations 2—687
Collision processes, plasma *see Plasma/collision processes*
Colloids
see also Electrophoresis; Emulsions; Gels; Sols; Thixotropy
colloidal suspension, coagulated, plastic flow as repeptization phenomenon, viscous energy 2—15618
magnetic fluids, applications 2—24636
marrow scanning with radiocolloids 2—30678
metallic, absorption spectra, influence of plasma waves 2—36864
micelle formation kinetics, evaluation from chemical relaxation data using two-state model 2—26324
molecular association in solution, low angle X-ray scatt. 2—3417
optical dispersion, reduction by heating caused by absorption 2—28909
plastic deform. of a cryst. considered in colloidal chem. framework 2 32514
random packing of circles in planes, computer simulation 2—12587
solutions relation between osmotic equilib. and molecular buoyancy 2—35750
superconducting, calc. of multiple transition temperatures 2—19553
SiO_2, adhesion of monolayer on glass 2—32395
Colorimeters *see Colorimetry*
Colorimetry
see also Spectrochemical analysis; Spectrophotometry
ceramic glazes, Ti determ. by spectrophotometric method 2—40850
colorverter and translator, printing of colour negatives 2—27667
colour difference scaling, MacAdam ellipses. Davidson-Friede data, Munsell colour system, FMC formula 2—17701
colour induction, estimation by colour contrast 2—17699
colour matching and colour-difference matching ellipses, just noticeable differences 2—11225
colour matching and measurement 2—8006
colour matching by matrix manipulation, fast computer program 2—8005
discrimination index of an illuminant 2—17700
Earth, spectrophotometry, aurora, optical struct., brightness, obs. from space 2—7241
encoding and decoding of colour information 2—21157
luminosity of daylight fluorescent pigments, relationship with colorimetric quantities 2—11226
masks in instruments for altering the spectral distribution 2—5442
memory colour experiment device 2—11518
memory colour meas. with Munsell colour patches and picture tube 2—7623
applications of digital computers, methods 2—23700
plastics, ABS, colour stability expt. 2—7032
tristimulus mask, double mirror grating dispersion system 2—5450
Colour
see also Photography/colour
bleaches, luminescent, spectral and colour characteristics 2—16444
diffraction grating demonstration of white light experiment 2—10
electron probe microanalysis, colour display instrumentation 2—13601
matching, fast computing using matrix representation for transmission type colorant 2—5428
Newton's spectrum, absence of indigo in spectral projections 2—27608
paintings, chemical profiles created by fluorescent analysis using energy dispersive X-ray spectroscopy 2—22901
plastics, ABS, stability 2—7032
rare earth sequisulphide, struct., density, reflection spectra 2—40671
sapphire, origin of colour, absorption spectra, rel. to impurity ion interactions 2—10364
stars, F and early G dwarfs, temp., abundances and gravities 2—4877
symmetry, book 2—29107
target, colour induction estimation 2—17699
variable colour holograms for projection 2—17660
white light performance, colour composition 2—27609
$AlCu_3$, surface effect 2—1657
Al_2O_3 porous anodic film, light scatt., coloration 2—13454
Au, electroless deposit, effect of deposition conditions 2—3524
Ti-(6wt%)Al-(4wt%)V, alloy, texture analysis, colour metallography, colour anodizing technique 2—12735
TiO_2, prep. by chem. transport reaction, rel. to stoichiometry 2—39584
WO_3, non-stoichiometry, defects, microstrain, X-ray diffr. 2—25246
Colour centres
see also F-centres
alkali halide, electrolytic colouration 2—3807
alkali halide, electron positron colour centre 2—3802
alkali halide, M′-centre, electron wave function and transition energy 2—25449
alkali halide, optical absorp., Bi^{3+}, Hg^0, Cd^0 centres 2—3801
alkali halide, U-H centre interaction, u.v. and i.r. study 2—29566
alkali halide, vacuum u.v. irrad., V_k centres rel. to glow peak processes 2—16629
alkali halides, Ag- and Cu- centres, electron-lattice interaction 2—6505
alkali halides, colloidal Pb centres 2—29196
alkali halides, interaction with dislocations, u.s. studies 2—29529
alkali halides M-, R-centres, radiative lifetimes, transition energies 2—25455
alkali iodides, excitons perturbed by self-trapped excitons 2—26156
alkaline earth fluorides, intrinsic pt. defect obs. using e.p.r. and ENDOR 2—30006
alkaline earth oxides, vacancy pair F_c^+-centres, binding energy 2—36062
alkaline hydrazine sulphate soln., impurity centres in photographic emulsion, light sensitivity 2—27673
diamond, neutron-irradiated, A-centre effects in e.s.r. spectrum 2—40755
Colour centres continued
electronic structure of point defects, Mossbauer and spin resonance obs., book 2—32876
ionic cryst., absorpt. bandshapes from electron traps, quadrupole coupling 2—33246
ionic crystal, M and F_t-centres, singlet-triplet splitting 2—16410
ionic crystal, V-centre prod. in positron annihilation 2—29577
quartz, e.p.r. and thermoluminescence studies, trapped electron dating 2—22226
quartz, positron annihilation applic. as probe 2—32488
quartz, yellow centres, Fe^{3+} and Co^{3+} doping 2—19131
ruby, colour stability when annealed or exposed to UV irradiation 2—22883
ruby, u.v. irradiated, colour stability, rel. to dopants and annealing 2—25450
V_k and V_h centres, pure and doped SrF_2, thermoluminescence 2—4514
AgCl, hole self-trapping and recomb. luminesc., low temp. 2—16604
Al_2O_3, corundum, activation energies, spectra obs. 2—29198
Al_2O_3, quartz, interstitial Fe^{3+} 2—3806
CaF_2:Ce, x-irradiated, production of photochromic bands from dipole centres 2—3804
CaF_2, absorpt. spectra, resolved electron-phonon interaction 2—13472
CaF_2, CaF_2:Dy^{3+}, CaF_2:Na^+, X-ray irrad., formation, dopant effects 2—36063
CaF_2, cathode ray coloration in Mn- and Ce:Mn doped crysts. 2—12787
CaF_2, oscillator strengths of α- and β-bands 2—29199
CaF_2, rare earth doped, photochromic behaviour 2—10640
CaF_2 pure crystals, effect of neutron irradiation at low temperatures on formation 2—33254
CaO, optical and e.p.r. obs. of $[Na]^0$ and $[Li]^0$ centres 2—33257
CaO, vibronic props. of F^+ absorpt. band 2—7068
$Ca_3(VO_4)_2$, V^{4+} centres formed under applied elec. field 2—25918
Co_3O_4:Eu α-irrad., Mossbauer study 2—36064
CsBr:Pb^{2+}, A-band peak position determ. using extended Mollwo-Ivey reln. 2—29197
KBr:Au, coloured and uncoloured, absorpt. and Raman scatt. 2—40676
KBr:KI, electron irrad., prod. rates 2—32555
KBr, K′-centres, high press. ENDOR study 2—39715
KBr, U-centre induced Raman scatt. 2—36904
KBr, X-irrad., optical absorpt. and thermoluminesc. obs. 2—40728
KBr crystals, i.r. spectrometry study of changes in microstructure of subsurface layer 2—26153
KBr(Cl), colloidal Pb centres 2—29196
KBr(I):M^{2+}, M=Zn, Cd, reactions, coloration, spectra 2—19125
KCl:Ag^-, C-band light irrad., absorpt. bands attributed to paired Ag^- ions 2—15784
KCl:Ag^-. C-band light irrad., absorpt. attributed to paired Ag^- cons., theory 2—19126
KCl:Au, coloured and uncoloured, absorpt. and Raman scatt. 2—40676
KCl:Ca, formation of paramagnetic V-centres 2—29202
KCl:Ca, Sr, Ba, thermal electric alignment and Stark effect of Z_1-centres 2—20040
KCl:Co(Ba)(Cd), X-irrad., F-light bleaching, effect on M- and R-centre conc. 2—22231
KCl:Eu^{2+}, Z_l and Z_2 centres, optical absorpt. and e.p.r. obs. at 77K 2—36066
KCl:In, luminesc. due to hole trapping by In^+ and In^+v_c- centres 2—36943
KCl:In, polarized luminesc. of In^{2+} and $In^{2+}v_c$- centres 2—33315
KCl:$O^{2-}(SO_4^{2-})$, electron excess centres 2—25451
KCl:Sr^{2+} resolution of Z_1-band by numerical methods 2—3805
KCl:Tl phosphorus, origin of 4750 Å emission 2—36931
KCl, additively colored, optical bleaching of M-band, quantum yield 2—9602
KCl, bleaching and annealing attributed to D_3-centres 2—36065
KCl, hole centre obs. 2—1262
KCl, irradiated, defect annealing, absorp. band obs. 2—36011
KCl, γ-irradiated, colour centre conc. effect on yield point 2—15838
KCl, M-centre triplet form. 2—9601
KCl, M-centres, relaxed excited triplet state decay 2—22229
KCl, proton bombardment, H-defects, U centre, i.r. and u.v. absorpt. spectra 2—22227
KCl, proton irrad., effect of channelling 2—19130
KCl, proton irrad., U-centre obs. 2—25453
$KF.2(4)H_2O$, γ-irrad., optical spectra, e.p.r. spectra, thermal decay, photostimulated decay 2—1264
KI:Au, coloured and uncoloured, absorpt. and Raman scatt. 2—40676
KI:$In^+(Sn^{2+})$, magnetic field dependence of radiative lifetime of A-band emission 2—36930
KI, proton irrad., effect of channelling 2—19130
KI, U-centre induced Raman Scatt. 2—36904
KI, X-irradiated, rel. to role of Auger effect in thermostimulated phenomena 2—33323
$KMgF_3$, luminesc. obs. 2—32556
LiF:H, CNDO treatment of U-band 2—13088
LiF, proton irrad., effect of channelling 2—19130
LiF, X-irrad., M-centre form. kinetics and density decrease 2—19127
MgF_2, M centre stability, absorpt. bands., irrad. props. 2—1237
MgO, irrad., trapping centres, TSC obs. 2—40281
MgO single crystal, V_f centre, e.s.r. study of ^{17}O hyperfine interaction 2—13528
NaCl:Au, coloured and uncoloured, absorpt. and Raman scatt. 2—40676
NaCl:Br, $(Br^-)_2$-centre, luminesc. and absorp. 2—33316
NaCl:H, Raman scatt. by localised impurity modes 2—16560
NaCl:Mn^{2+}, neutral Mn centres, e.p.r. and optical absorpt. studies 2—39716
NaCl:Tl, x-irrad., thermoluminesc. glow peaks 2—29988
NaCl, additively coloured, self-diffusion 2—39743
NaCl, colloidal Pb centres 2—29196
NaCl, e.s.r. study 2—16649
NaCl, γ-irradiated, colour centre conc. effect on yield point 2—15838
NaCl, proton irrad., effect of channelling 2—19130
NaCl, pure and Ca-doped, room temp. first-stage coloration 2—12789
NaCl, X-centres, radiation prod., thermal destruction 2—6506
NaF, point defects, formation and annealing 2—1245
NaF, proton irrad., effect of channelling 2—19130
NaI:Pb^{2+}, C-band peak position determ. using extended Mollwo- Ivey reln. 2—29197
NaI, V_k-polaron diffusion obs. from opt. anisotropy decay 2—22233
$PbCl_2$ single crystals, effect of low temp. neutron irradiation investigated based on optical absorption methods 2—29195

Colour centres continued
Rb halides, centres caused by O^{2-} at vacancies, dielectric loss measurements 2—6484
$RbBr:Pb^{2+}$, C-band peak position determ. using extended Mollwo-Ivey reln. 2—29197
RbI, V_k-polaron diffusion obs. from opt. anisotropy decay 2—22233
SiO_2, fused, generation and annealing irrad. effects 2—15785
SiO_2, irrad., B_2 centre annealing parallel to Si-SiO_2 interface surface state annealing 2—40312
SiO_2 films, thermoluminesc. obs. 2—40729
$SrCl_2$, alkali metal ion doped, optical absorp. and e.s.r. obs. 2—3800
SrF_2, thermoluminescence, recombination of V_k and V_h centres 2—4514
ZrO_2-Cr_2O_3(-CaO), electrodiffusion, electronic defect model, point defects, blackening 2—9630

Colour photography *see Photography/colour*

Colour vision
birds, ability to distinguish colours at blue end of spectrum 2—30711
colour difference scaling, MacAdam ellipses, Davidson-Friede data, Munsell colour system, FMC formula 2—17701
colour matching and colour-difference matching ellipses, just noticeable differences 2—11225
cone sensitivities, relation to Wright's discrimination lines 2—30699
dynamics of wavelength discrimination 2—5089
edge contingent colour after effects, spatial frequency specificity 2—41347
evoked response, monochromatic reliability 2—26985
foveal colour vision responses, variations due to macular pigmentation 2—20757
ganglion cell receptive field organization at different levels of light adaptation 2—30709
gray object colours, appraising colour-matching properties of lamps 2—11227
heating, eval. of fluorescent lamps 2—26984
highly saturated colour displays 2—33814
ishihara charts, low colour temperatures, low light intensity and limited exposure time 2—7625
lens pigmentation in humans, variation over extended age range 2—30708
luminosity and CFF thresholds in deuteranopes and protanopes 2—11224
luminosity of daylight fluorescent pigments, relationship with colorimetric quantities 2—11226
mechanism, review 2—30707
memory colour experiment device 2—11518
memory colour meas. with Munsell colour patches and picture tube 2—7623
one-stage model for colour conversion 2—41346
photochromatic interval during dark adaptation as a function of background luminance 2—20756
red/green pigments of normal vision 2—2044
relative luminous efficiency in congenital deficiencies in colour vision 2—7624
retina, vision mechanism, angular distrib. of colour vision 2—33808
three colour visual response at 450, 540 and 610 nm 2—30706

Columbium *see Niobium*

Coma *see Aberrations, optical*

Combustion
see also Explosions; Flames; Heat of combustion; Reaction kinetics
ammonium compound explosives, oxidizer reactivity, rel. to combustion 2—33374
burning powders, interaction with acoustic fields 2—37036
burning velocity meas. with streak camera 2—5461
gas mixture, laminar boundary layer, integral solution 2—24958
gas turbine, thermodynamics of combustion cycle 2—2262
heat transfer during kinetic burning in turbulent boundary layer on porous surface 2—27317
hydrocarbons with air or O_2, effect of electric fields on chemistry 2—26343
ionization processes, flame chemistry 2—22873
mathematical model of high temp. burning 2—7169
propellants, impinging hypergolic streams of liquid N_2H_4 and N_2O_4, photographic study of sprays formed 2—7170
solid fuel in hybrid rocket engine 2—7168
solid propellants, burner design for testing dynamic burning properties 2—4581
spontaneous ignition, exothermic reactant mass, arbitrary shape, critical conditions 2—4582
vacuum system components in air-H_2 mixture 2—23194
vortex ring from premixed propane and air, obs. of burning 2—6017
Al particles in flame torch with NH_4ClO_4-organic fuel mixtures 2—7171
NH_4ClO_4, dicarboxylic acid mixtures, burning velocity dependence on pressure 2—7172

Comets
aerodynamics, planetary formation in solar system 2—41203
Bennet, dust, laser radar obs. 2—14003
bennett (1969 i), image tube spectrogram, 1.03-1.20 μ 2—4981
Bennett (1969i), 1970 photographic obs. 2—20686
capture by Jupiter and other planets, restricted three body problems 2—7713
Encke, computer generated motion picture showing rendezvous mission 2—41208
Honda-Mrkos-Pajdusakova, 1969e, variations before and during perihelion passage 2—41210
ice-dust solid nucleus mode, conflict with obs., dust cloud hypothesis 2—37373
interaction with the solar wind, satellite observations and theories 2—30592
interrelation with asteroids, review 2—41202
long-period orbits, effect of stellar perturbations on perihelion distance 2—26861
long-period orbits with large perihelion distances, planetary perturbations 2—26862
meteoroids, review 2—41212
micrometeoroid distributions, relation to matter from nuclei 2—4988
microwave detection, American Astronomical Society, Amherst, USA 1971, conference 2—26623
model to describe filamentary structure in planetary nebulae 2—23064
Oort's cloud, rate of destruction by stars passing through it 2—30591
Oort cloud, depletion effects of interstellar clouds 2—4982
orbital calculations, nongravitational effects, decay to interplanetary boulders 2—14002
origin, reviews 2—1995
origin and orbital evolution of short period comets 2—33750

Comets continued
perturbation eqns. for all eccentricities 2—30585
processes occurring when comet approaches Sun 2—41211
searches during 4 major eclipses 2—41207
sensitivity of tail to solar radiation 2—20685
spacecraft rendezvous missions, trajectory requirements 2—26864
spectra, identification of molecules for detection 2—26863
spectrograph, for u.v. obs. 2—10911
statistical analysis of eccentricity charges in nearly parabolic orbits 2—20684
structure and formation, neutral mols. and dust particles 2—41209
Suzuki-Sato-Seki (1970m), 1970 photographic obs. 2—20686
C_3 origin, propyne as potential source 2—41206
H, neutral, in comas and Lα radiation, hydrodynamic description of H_2O, OH, H and O atmosphere 2—33751

Communications, optical *see Laser beams/applications*

Compasses
No entries

Complementarity *see Physics fundamentals; Quantum theory*

Composite materials
acoustic emission study, review 2—22314
anisotropic, elastic coeffs. 2—36089
anisotropic, Gruneisen tensor 2—36360
anisotropic plates, wave surfaces due to impact 2—36099
beam, microstructure theory 2—34004
bonded dissimilar materials, stresses near flat inclusion 2—23326
boride, fracture energy 2—1323
brittle matrix, uniaxial bend strength 2—1306
ceramic, internal stresses, deform., finite element analysis 2—32597
ceramics bonded with refractory fibres to improve thermal properties of former 2—3967
chemically bonded, brittle matrix, uniaxial strengths, internal stresses 2—1307
circular cylinders, axially symmetric torsional waves 2—34088
composite, fibre, linear fracture mechanics, applic. 2—36162
compressibility, h.p. bulk modulus test rig 2—22316
computer-aided mechanical testing system 2—32746
copolymer, SBS, mech. props. 2—29235
cross-ply laminates, effective elastic moduli 2—36090
curvilinear laminated, continuum model 2—23323
debond testing using acoustic emission detector system 2—6628
discontinuous, fatigue crack propag. 2—36163
dispersed spherical particles, theory of particle size meas. 2—3452
dualistic, microstress effects on macroscopic strain 2—15942
elastic consts. of layered media 2—36088
elastic fibres, determ. of thermal stress distrib. by shear lag. methods 2—15816
elastic glass fibres, strength and treatments for enhancement 2—36263
elastic sheet, fibre reinforced, elastic consts., bond stress distrib. 2—36091
Elkonites, response to shock loading 2—36100
epoxy resin/glass, post irrad. mech. props. 2—1382
fibre, development and props. 2—35978
fibre, linear fracture mechanics applc. 2—36162
fibre, strength at angle to fibre axis 2—36136
fibre, two elastic concentric cylinders, resilience rel. to fibre content 2—36106
fibre matrix systems, mech. tests 2—29290
fibre pull-out, and mech. props. theory 2—15943
fibre reinforced, fibre-matrix adhesion rel. to mech. props. 2—9782
fibre reinforced, orientation, symmetry and mech. props. 2—9781
fibre reinforced, steady shock waves, Hugoniot 2—25489
fibre reinforced, strength, bounding approach 2—36133
fibre reinforced, tensile strength 2—15858
fibre reinforced, transverse deform. 2—19283
fibre reinforced and directionally solidified eutectics, electron microscopy 2—9779
fibre reinforced metal matrix, fatigue, repeated tensile load 2—22282
fibre reinforced plastic, water containing, heat shielding props. 2—36262
fibre reinforced plastics, NDT using u.s. reson. method 2—32658
fibre-reinforced, tensile creep, theory 2—15848
fibre-reinforced composite, load absorption by discontinuous filament 2—19284
fibre-reinforced composites, transversely isotropic, stress channelling 2—19285
fibre-reinforced composites with transversely isotropic constituents, elastic constants 2—34007
fibre-reinforced materials, incompressible, plane deformations 2—132
fibre-reinforced rods, stress waves propagation 2—25474
fibreglass rod, tensile strength, effect of surface softening 2—39804
fibrous, stress conc. factors near discontinuity 2—19173
filamentary, ultimate strength degradation 2—36135
filamentary crystal specific surface and mean diameter obs. 2—19282
glass bead filled epoxy resin, fracture toughness 2—36105
glass fibre reinforced, mech. strength 2—39805
glass ribbon reinforced plastics, thermal expansion, verification of theoretical model 2—16060
glass-crystal, internal stresses, transition temp., dilation obs. 2—6629
glass-fibre-epoxy resin specimens, mechanical properties 2—3890
graphite, oxidation-resistant, for use in composites 2—39965
graphite, pseudoisotropic polycrystalline, thermal expansion control 2—32745
graphite fibre-epoxy resin composite, tensile fracture due to internal reverberation 2—36167
graphite/epoxy, computer-aided mech. test system appl. 2—32746
graphite/epoxy, mixed mode fracture 2—36164
Hugoniot analysis 2—19167
Hugoniot synthesis using theory of mixtures 2—19169
laminate, cylindrical bending response 2—17320
laminated, elastic moduli, u.s. vel. obs. 2—19164
laminated plates and shells, vibr. and buckling analysis 2—17338
laser heating and stress generation 2—36103
layered sheets, testing bondstrength and delamination by Lambs wave technique 2—36187
linear anisotropic composites with periodic structure, variational principles of effective material constants 2—29453
macroscopic fracture mechanics 2—19209
mechanical inhomogeneity effect, analysis using finite element method 2—22253

Composite materials continued
mechanical inhomogeneity effect, approximate analytical equations 2—25480
mechanical properties, review 2—39962
mechanical props., 4-point loading tests use 2—19220
metal matrix fibre, elevated temperate morphological stability, coarsening behaviour 2—1383
metal/polymer, elec. resist. 2—40160
micromorphic mixtures, elastic constitutive eqns. 2—37698
multilayered cylindrical composites, uniaxially loaded, mechanical behaviour 2—33979
multilayered orthotropic viscoelastic plates, simplified treatment of dynamics 2—23325
nondestructive testing, high speed thermal and i.r. techniques 2—25609
nondestructive testing, techniques and defect types 2—29452
nondestructive testing using holographic interferometry 2—32660
notched, tensile strength 2—36134
nylon 6, uniaxially aligned fibre reinforced composites 2—6627
oriented growth and phys. props., review 2—15945
orthotropic laminae, thick, exact natural freqs. and modal functions 2—17367
orthotropic multilayered plates, simplified treatment of mechanics 2—23324
particle strengthened systems, steady state creep, high activation energy 2—29267
plastic, fibre reinforced, dynamic properties 2—3832
polyester systems, glass-reinforced, compression moulded, mech. props., analysis 2—29290
polyethylene steel, dynamic modulus changes under repeated plane bending 2—29236
polystyrene, dynamic mech. props. 2—36096
porosity in highly filled materials 2—22349
quartz phenolic, laser-induced stress waves 2—15814
quartz-phenolic, dynamic fracture under stress-wave loading in unaxial strain 2—29279
radiometric density error analysis for thin material sections 2—32661
reinforced, finite-amplitude wave propag. 2—12835
rotating sphere with concentric inhomogeneity, inertia force consideration 2—11325
self-lubricatine, for maching elements 2—1333
solid with multiple circular inclusions, long. shear deformation, exact analytical soln. 2—29239
spherical shell of glass fibre-reinforced epoxy resin, vibrations when fluid-filled 2—2233
steel (maraging)/Armco iron, stress corrosion cracking 2—30069
steel reinforced phenolic resin, wear characts. 2—3916
steel/Cu sandwich sheet, roll bonded, adhesive bonded, mech. props., press-formability 2—12819
steel/epoxy resin, fibre-reinforced, multiple fracture 2—32649
superconducting, multifilamentary, design problems 2—1496
thermal expansion control 2—32745
thermoplastic, C-fibre reinforced, tribological characts. 2—1336
thermoplastics, mineral fibres for reinforcing 2—39964
unidirectional, elastic-plastic analysis for longit. loading 2—36109
unit composites, displacements, stresses, during impact loading, equilib. differential eqns. 2—34016
vibration of slightly curved transversely isotropic beams 2—23340
woven-fabric, stress wave propag. 2—19168
Ag-CdO composites effect of additives from Groups IA, IIA on morphology, properties 2—36261
Al/C fibre, production and tensile strength 2—29282
Al-Al_3N, elevated temperate morphological stability, coarsening behaviour 2—1383
Al-Be alloy, fibre reinforced, directional solidification 2—19286
Al, B-filament-reinforced, thermal expansion control 2—32745
Al composites, control of thermal expansion coefficients 2—16046
Al_2O_3, filament-reinforced plasma-sprayed, mech. props. 2—36264
Al_2O_3, sodium borosilicate glass, dispersed composite system, fracture energy, strength 2—32624
B/epoxy, fracture, fibre breaking, acoustic emission obs. 2—19211
B/epoxy, fracture surface energy rel. to acoustic emission 2—32644
B/epoxy shear panels, diagonal tension behaviour 2—22350
C/C, prep., filamentary graphite deposition 2—3974
C/C, testing, thermographic method, capabilities and limitations 2—25554
C/C, thermal diffusivity and cond., temp. and orientation depend. 2—19450
C-C, application of high speed thermal and i.r. testing methods 2—25609
C-C composites, thermal expansion measured as a function of temperature and orientation 2—16048
C, oxidation-resistant, for use in composites 2—39965
C fibre-epoxy resin, rel. to electrolyte wetted fibre obs. 2—12644
C fibre, flexure and shear strength, oxidation effects 2—36266
C fibre reinforced, general survey 2—1381
Co-Fe-Ni/NbC(TaC) fibre reinforced eutectic systems, directional solidification, sogt magnet 2—3438
Cu-Ni/BN plasmic coating, prep., struct., and props. 2—12985
Fe-Al_2O_3, dispersion hardened, plastic deformation at elevated temp. 2—9658
(Fe,Co,Ni)-NbC, magnetically soft eutectic 2—22687
MgO, fibre reinforced, strength, fracture toughness 2—39814
Ni/ZrO_2, dispersion-strengthening 2—12874
Ni-SiO_2, film layers, tensile strength, microhardness 2—15666
Pb-Sn:Cu uniaxial metal matrix composite, subjected to axial and normal lateral loads 2—15851
Pb-Sn, alloy, off-eutectic composite, growth by zone melting 2—22112
Pt/Al_2O_3, grain boundary grooving 2—19288
Pt/Al_2O_3, grain boundary grooving 2—19287
SiC/graphite, thermal cond. 2—19466
W composite, heat resist. alloy coated, creep rupture strength 2—12885
W fibre/Cu, etch pit study of dislocation distrib. 2—15946
WC/Co two-phase material, elastic consts. determ., finite element method 2—39762
ZrC-W with covering of vacuum deposite W, rate of evaporation from open surface 2—32748

Composite particles
see also Alpha-particles; Deuterons; Helium-3; Tritons
3 body problem, bound states and scattering processes, numerical study 2—38471
bootstrap conditions, Z=0 for infinitely composite particles 2—14509
three-nucleon bound state, 2 body off shell effect 2—38472

Compressibility
see also High-pressure phenomena and effects
boronated graphites heated to 1400°C and 2000°C, meas. variation of compressive strength with neutron exposure 2—32570
buckling of a thin annular plate under uniform compression 2—27127
buckling of cylindrical shells, design criteria 2—17302
composite materials, h.p. bulk modulus test rig 2—22316
crystal, linear isothermal, X-ray high press. method 2—3859
cyclic tension-compression test machine, high temp. vacuum chamber 2—29352
dilatometric method for measuring thermal compressibility factor of metals with cubic crystalline lattices 2—29356
epoxy resin, high pressure dynamic obs. 2—22269
group III-V covalent semiconductor, perturbation theory calc. 2—12691
group IV covalent semiconductor, perturbation theory calc. 2—12691
halides, calc. using modified Born potential energy function 2—22094
inert gas solids, calc. by hard core intermol. pot. 2—40083
Ising system, short range order behaviour 2—16353
effects on laminar free shear layer development 2—12333
lattice gas, critical exponent 2—33939
metal, rel. to electronic struct. 2—40121
metals, internal gravity-induced electric fields calc. from periodicity deviations of the lattice 2—9914
pentaerythritol, calc. from elastic consts. 2—25483
shells of fibre-glass, under creep conditions at normal temperature 2—39777
shock impacts in metals, investigation of temperature increases 2—9645
small elastic-plastic deformations of thin shells, allowance for material compressibility 2—37696
thermophysical properties of fluids 2—18813
transition metal borides, carbides and silicides, shock compression 2—12841
AgF, Szigeti estimates calc. 2—32802
As, linear, X-ray diffr. obs. 2—22268
CdSb, polycryst., elastic moduli, resonance method 2—15801
CdSb, single cryst., anisotropy of elastic properties 2—15800
Cs, beyond critical region, p-v-t relations 2—28935
EuO(S)(Se)(Te), calcs. from elastic consts. 2—32577
EuTe, antiferromag. 2—25673
Fe powder, rel. to porosity 2—39958
Gd, temp. depend., u.s. vel. obs. 2—9870
HfS_2 crysts. 2—25497
K, lattice dynamical calc. using pseudopotential approach 2—36318
Li, b.c.c. and h.c.p., pseudopotential approach 2—6391
MoS_2 crysts. 2—25497
NH_4Cl, meas. of variation of length of crystal at high pressure near order-disorder transition line 2—9830
$NbSe_2$ crysts. 2—25497
Ni, linear compressive strain, press. depend. to 20 kbar, phase transformations 2—9818
Pd, linear compressive strain, press. depend. to 20 kbar, phase transformations 2—9818
PdAg:H, lattice gas compressibility detn. 2—19270
ReO_3, isothermal compressibility 2—13090
Sb, temp. depend. 2—6521
Se, hexagonal, anisotropic, X-ray and neutron diffr. exam. 2—15731
Se, hexagonal, X-ray and neutron diffr. obs. 2—32600
Te, rel. to elastic limit and Peierls forces 2—3855

gases
air, determ. from fluid oscillations in a U tube, undergaduate expt. 2—15440
Burnett experiments, isochorically coupled, data analysis 2—6152
computer calculation of factor for gases and gas mixtures 2—35643
Joule-Thomson inversion curve in compressibility-reduced pressure plane, envelope characteristic 2—28737
H_2, equation of state, by computer 2—3323
He-Ne system 2—39274
N_2-propane mixture, second virial coeff., 20-50°C 2—21915
N_2, equation of state, by computer 2—3323
SF_6, isothermal, along critical isochore determ. from spectrum and intensity of scattered light 2—12512
Xe, reduced compressibility determ. from light scattering intensity 2—9034

liquids
adiabatic compression, deviation from Hooke's law 2—9048
n-alkanes, calc. from heat capacity data 2—25072
argon, rel. to change of vol. on melting 2—25140
binary mixtures, theory and u.s. measurements 2—28803
ideal, empirical relationship 2—9112
isoprophyl alcohol, smoothed values of compressibility factor determ. for 200-300°C and 1000-8000 lb./sq.in. 2—28949
isothermal, almost pure solvent, behaviour near solution critical point 2—9104
isothermal, derivation of Tait's equation from van der Waals' equation 2—28804
metal, liquid, compressibility, pseudopot. formalism calc. 2—12550
metal, rel. to vol. change on melting 2—25140
metals, isothermal and adiabatic, determined in region of melting point 2—3373
nonlinear acoustic problem obs. using X-ray flashes 2—32192
organic, isothermal compressibility determ. by ultracentrifugation, correlation with surface tension 2—24991
seawater, isothermal, near 1 atm. 2—33433
trifluorochloromethane, abs. determination from light scattering meas. near critical point 2—9072
water, isothermal compressibility minimum, lattice model 2—39329
water, rel. to molecular model 2—35723
work of isothermal compression 2—9113
Ar, critical opalescence, small-angle X-ray scatt. obs. 2—3429
CO_2, critical point, small angle X-ray scatt. obs. 2—3427
$CdBr_2$/KBr(Cl) mixtures, from u.s. velocity meas. 2—25076
$CdCl_2$/KBr(Cl) mixtures, from u.s. velocity meas. 2—25076
Hg, accurate measurement method 2—12515
Hg, beyond critical region, p-v-t relations 2—28935
KCl/XCl fused mixture, (X=Rb,Cs), from u.s. velocity meas. 2—25077
KF, aqueous solution, rel. to temp. and conc. 2—21982
LiBr/KBr(Cl) mixtures, from u.s. velocity meas. 2—25076
LiBr/LiCl mixture, from u.s. velocity meas. 2—25076
LiCl/KBr mixture, from u.s. velocity meas. 2—25076
LiCl/XCl fused mixture, (X=K,Rb,Cs), from u.s. velocity meas. 2—25077

Compressibility continued
  liquids continued
    LiCl aqueous and org. solns 2—28852
    NaF, aqueous solution, rel. to temp. and conc. 2—21982
    RbBr/XBr fused mixture, (X=Li,Na), from u.s. velocity meas. 2—25077
    RbCl/CsCl fused mixture, from u.s. velocity meas. 2—25077
    RbI/NaI fused mixture, from u.s. velocity meas. 2—25077
Compressive strength *see Mechanical strength/compressive*
Compton effect
    atoms, first and second row, Compton profiles 2—2957
    backscattering of solar X-ray emission 2—11065
    by charged Dirac particle with intrinsic dipole moments 2—34602
    Compton scatt. and induced Compton scatt., const. e.m. field 2—14558
    double Compton scattering, Thomson scattering as classical counterpart 2—21229
    electron momentum distribution, inelastic X-ray scattering 2—1676
    heavy material, Compton profile by use of solid state detector 2—34800
    hydrocarbons, C_3H_6, C_6H_{12}, C_6H_6, C_6H_{14} and C_8H_{10}, identification of localized bonds from Compton profiles 2—3103
    induced, as mechanism of confined plasma heating by CO_2 laser 2—35461
    induced scattering by relativistic particles 2—11571
    inelastic scattering, constraint relations for structure functions, using quark parton model 2—17817
    in ionizing radiaton absorbed energy and elec. charge distrib. meas. system 2—18268
    laser-created plasmas, induced Compton scattering and nonlinear propagation 2—28558
    Low Energy Theorems derived for Compton-type scattering of combinations of strangeness non-changing vector and axial vector currents 2—21240
    nucleons, ρ^0 photoproduction at high energies 2—8110
    parton field-theoretic models and fixed poles 2—38226
    photon gas interacting with electron component of H-He plasma, Boltzmann eqn. 2—23286
    photon-electron scatt., rel. to vacuum light vel. meas. 2—23667
    θ-pinch plasma, heating by CO_2 laser induced Compton effect 2—21790
    polarimeter, multiple scattering. Monte Carlo calc. 2—11660
    polarization meas. of resonantly scattered neutron-capture gamma rays 2—11651
    proton Compton scattering below pion production threshold, polarization of recoil proton calc. using second order Compton amplitude 2—31323
    scattering, Ge solid state detector meas. 2—3607
    scattering amplitude, covariant and gauge invariant virtual, for Wick rotation 2—14582
    spreading of Compton lines, comparison of intensity distributions computed using three different models 2—15194
    synchrotron spectrum of γ-rays produced in Crab Nebula Calc. 2—26645
    target of arbitrary spin, low energy theorems 2—2511
    virtual Compton amplitudes, sum rules from analyticity in forward tube and complex scaling 2—21232
    X-ray Compton-Raman scattering 2—3615
    X-ray scattering from heterogeneous materials 2—7060
    $\gamma\gamma \to e^+e^-$ in magnetic field, role of Compton effect 2—8111
    $\gamma N \to \gamma N$ scattering, high energy role played by charged pion pairs mediating 2—31195
    p, scattering, 2.2-7 GeV, forward cross sections calc. 2—2514
    $\pi^- p \to \pi^0 n$, classical limit 2—8112
    Ar, γ-ray scattering, Compton profiles 2—35190
    Be atom, ^1S ground state, radial moment distributions and Compton profiles determ. 2—11950
    Cu, profile due to 1s electrons 2—24340
    Fe, profile due to 1s electrons 2—24340
    H_2, Compton profile calc., vibrational correction 2—21603
    H_2, molecular, ground state Compton profile, discrepany between theory and experiment 2—12135
    He, Compton scatt. of keV electrons 2—3001
    He, γ-ray scattering, Compton profiles 2—35190
    Kr, γ-ray scattering, Compton profiles 2—35190
    LiCl, X-ray Compton profile, electron momentum distrib. 2—13496
    LiH, polycrystalline, Compton profile meas. using 59.54 keV ^{241}Am γ-rays 2—3564
    Mg, anisotropy in Compton profile 2—4468
    N_2, gaseous, scattering of X-rays, comparison of experimental and theoretical profiles 2—15234
    N_2, γ-ray scattering, Compton profiles 2—35190
    N_2, profile meas. using Ag and Mo X-rays 2—18451
    Ne, gaseous, scattering of X-rays, comparison of experimental and theoretical profiles 2—15234
    Ne, profile meas. using Ag and Mo X-rays 2—18451
    Ni, profile due to 1s electrons 2—24340
    O_2, gaseous, scattering of X-rays, comparison of experimental and theoretical profiles 2—15234
    O_2, profile meas. using Ag and Mo X-rays 2—18451
Computation *see Calculation*
Computer applications
    805 MHz side-coupled linear accelerator stopband calc. 2—11690
    accelerated protons number optimisation in CERN synchrotron 2—38410
    accelerator electromagnet, mag. field calc. 2—31395
    acoustics research 2—23353
    acquisition and processing of atomic absorption data 2—17743
    acquisition and processing of isotopic mass spectra 2—24302
    airborne photoreconnaissance image transmission system, end to end simulation 2—34521
    n-alkanes. configurational behaviour, computer simulation, Monte Carlo method 2—8727
    amorphous solids, sputtered, topography, computer simulation 2—39449
    analog spectral analysis using bandpass filtering 2—325
    analog video magnetograms in real time 2—11029
    analogue, simulation of ear neural mechanisms 2—26968
    analogue, simulation of human auditory peripheral system, electronic model 2—26969
    analogue simulation of Josephson junction 2—36478
    analogue simulation of response of seismic motion transducer to nonharmonic input 2—30187
    analysis of holography using ray tracing 2—7944
    analysis of motor unit potential parameters in electromyography 2—20726
    Arctic sea ice pack, surface character by laser profilometer, computer comparable data 2—16771
    asteroid distribution, effect of planetary perturbations, simulation 2—4980

Computer applications continued
    astronomical instrument control system, real time 2—5031
    astronomy, eclipsing binaries, teaching use 2—33846
    atmospheric pollutant registering systems meas. data processing 2—4669
    atomic collision processes, computer- based films generated from accurate a priori computations 2—2976
    automatic character reader using holographic data processing technique 2—21117
    automatic geological mapping using i.r. rock reflectances 2—16775
    automatic scanning of bubble chamber films 2—24102
    automatic scanning of bubble chamber films 2—31383
    beam shadow measurements in cyclotron, computer controlled method 2—14823
    benzene, calc. of true profiles of Raman lines 2—35311
    betatron at Melbourne Univ., on-line control 2—38408
    Bloch-Grueneisen parameters evaluation for metals 2—32923
    Brewster angles and Fresnel reflection coefficients of radio waves 2—17474
    bubble chamber, photographs, automatic analysis 2—27912
    building cooling load analysis, solar radiation atm. depletion model 2—30290
    canonical transformation 2—14146
    cepstrogram and spectrogram generation 2—7606
    CERN proton synchrotron closed orbit at injection, on-line control 2—14854
    cervical smear obs. using digital computer/TV image analysis system 2—7604
    channelled ion beams, flux enhancement, rel. to lattice site location, computer calcs. 2—36380
    charged particle track simulation, using δ-ray theory of track struct. 2—21337
    Charpy impact test, data collection and anal. 2—36186
    circuit behaviour simulation with systematic selection of transistor models 2—17516
    cochlear filtering simulation 2—37462
    code, for Eulerian study of propagation of fast reactor excursion 2—15106
    code for calc. temp. profile of channel heated by single return stroke lightning 2—1878
    codes for prediction of hydrodynamics of nuclear reactor excursions 2—15090
    collision processes, animation 2—2901
    colour hologram generation 2—38026
    composite materials, computer-aided test system 2—32746
    compressibility of H_2 and N_2, computer study of data 2—3323
    computer generated motion picture showing rendezvous mission with Comet Encke 2—41208
    conductivity and Hall effect, measurement in semiconducting samples, computer controlled automatic system 2—19680
    confusion patterns and spot diagrams plotting using analogue computer 2—23679
    control of calibration system for accelerometers 2—20804
    control of CERN intersecting storage rings 2—14890
    control of film scanner for X-ray crystallography 2—35965
    control of spectroscopic instrumentation, digital data communication network 2—21175
    control system for K9 beamline, interpretive software 2—14781
    control system hardware for 1.5 m bubble chamber beamline at Nimrod 2—14780
    controlled e.p.r. obs. of free radical formation in thymine and derivs. after electron irradiation 2—22880
    controlled system for forecast of beam parameters, in intersecting storage rings 2—14899
    crack propagation, Kostrov theory, computational procedure 2—3902
    creep rupture, yield, and proof stress, data anal. methods 2—32612
    crystal dislocation simulation, comparison with Cu-Al alloy, electron microscopy 2—22207
    crystal growth, semiconductor, automatically controlled, patent 2—18995
    crystal melting, simulation, mol. dynamical model 2—16015
    crystal structure analysis using PDP-8 2—3644
    crystallography, morphology, interactive graphic display 2—3600
    crystallography, program for choosing starting sets for use in tangent formula struct. soln. method 2—3687
    crystallography, programming techniques for phase determ. 2—9431
    crystallography, structure-factor least-squares refinement applying constraints 2—3688
    crystallography using time sharing system 2—3643
    data acquisition from instrument in orbit, ground control optimization modes 2—11165
    data acquisition systems, Lovell astronomical observatory 2—5025
    data compression and enhancement below cut off frequency for sampled images 2—34454
    data fitting scheme for line heat source technique 2—17435
    data management, FORTRAN system 2—41356
    data processing for whole-body counter 2—41313
    data reduction technique for routine obs. of dielectric photoconductivity 2—19780
    deformation parameter estimation for metals 2—32601
    design and optimization of Fe cored particle focusing devices 2—30990
    diffractometer control program, closed loop capabilities 2—3645
    Digisonde 128 coupling to SAIT ordinator 2—7333
    digital processing of stellar spectrograms 2—4863
    digital seismic data analysis system 2—16745
    digital simulation applied to solution of partial differential eqns. 2—11430
    digital spectrum analysis, effect of aliasing, averaging and smoothing 2—324
    digital storage and display of two dimensional ultrasonic scans 2—17103
    digital videomagnetograms in real time 2—7827
    digitizers, vernier time interval, for nuclear lifetime obs. 2—8241
    dispersion of matter in turbulent pipe flows 2—32193
    drawing of normal modes of vibration of molecules 2—8523
    dropwise condensation simulation 2—9215
    Earths influence and outer limit det., capture of dust particles moving near ecliptic 2—30543
    e.c.g., heart screening expt. 2—26949
    e.e.g., real-time spectral analysis on minicomputer, conference, Honolulu, Hawaii, (1972) 2—37447
    e.e.g. analysis 2—14038
    e.e.g. real time spectral analysis using minicomputer 2—37449
    eigenfunctions of spin and orbital angular momentum by projection operator technique 2—15184

Computer applications continued
electric field gradient distribution in very small crystalline particles, Mossbauer spectra 2—26122
electrical breakdown in gases, computer simulation, avalanche and streamer formation 2—15515
electrical breakdown phenomena in gases, simulation technique 2—9003
electrodiffusion equation for a simple membrane, analogue computer solution 2—17271
electron atom scattering, calc. using correlated target wave functions 2—5805
electron beam microprobe quantitative analysis, composition det. 2—30118
electron diffraction, anal. of selected area diffr. patterns 2—9403
electron gun, computer-controlled, pulse response improvement 2—23527
electron gun design for TWT, axisymmetric magnetic field representation in computer programs 2—7824
electron micrograph enhancement 2—9411
electron micrograph image analysis, specimen with helical symmetry 2—9413
electron micrograph synthesis and filtration 2—9402
electron microwave interactions 2—27414
electron optics, suitable topic for computer applications course 2—17153
electronic music synthesizer, computer-controlled, construction 2—4
electrostatic expt. using parallel plate capacitor 2—14353
e.p.r., spin Hamiltonian determ. 2—7802
equations of state formulation for pure substances by statistical reduction of thermodynamic experimental data 2—28931
e.s.r. spectra, anal. by least squares methods 2—11403
evolution of stationary disc of stars 2—30431
exchange reaction total cross sections, computer trajectory calc. in eV region for $K+HBr \rightarrow KBr+H$ 2—677
experimental high energy physics 2—5570
eye examination, computerised case history, visual activity and subjective refraction exam., conference, Honolulu, Hawaii (1972) 2—37447
eye examination, computerized case history visual acuity and subjective refraction exam. 2—37509
fission particle track density obs., automatic image analysis 2—5599
fluid mechanics, simulation of viscous channel flow 2—15438
gamma camera data collection, medical use 2—5034
gamma-ray spectral data processing 2—38353
gases and mixtures, compressibility factor calc. 2—35643
geoacoustic data, digital acquisition and processing system 2—37078
geodetic points solution 2—40872
geophysical mass distributions from gravity anomalies, by line integration 2—33400
glass, simulation of mag. reson. spectra, struct. inference 2—39435
grain boundary energies, computer calcs. 2—32540
graphics system use in vision perception expts. 2—37513
gravity data base, storage and retrieval 2—40868
hard spheres, random close packing, computer based method 2—20878
heat cond. meas. methods, automated 2—17438
hologram conversion for telegraphic transmission and reconversion by digital computer 2—31073
hologram interferometry fringe computation, time averaged, of vibrating circular plate 2—291
hologram transparency synthesis, hologram input, development and image removal 2—34419
hologram-moire interferometry, real-time, for liquid flow visualization 2—31091
holograms, how to make 2—23643
holograms, synthetic, computer generation 2—285
hydrographic surveys, electronic positioning and minicomputer system 2—16791
hypersonic flow simulation, alternating directional implicit numerical scheme 2—1020
IEEE Region 8 Convention, Lausanne, (1971) 2—7251
image analyser, use in pharmacy and clinics 2—7589
image analysis, Quantimet, conference 2—5330
image analysis in nuclear track counting 2—5598
image restoration, 2-D, with signal dependent noise 2—34460
image treatment simulation 2—27585
imperfection sensitivity of ring- stiffened shells of revolution, FORTRAN program 2—27150
inelastic energy losses in gases and electronic stopping power in solids, computer simulation model 2—9913
information processing for meteorology and Earth resources 2—7253
instructional, quantum scattering theory 2—2051
integral evaluation, asymptotic estimation rel. to spectral line profile 2—37664
interferometric data reduction system 2—37522
intermediate mechanics teaching, computer assisted course 2—17149
interrupted breach wave propagation, iterative computer calculations 2—18775
ion cyclotron resonance spectrometry, digital computer techniques 2—26382
ion-molecule collisions, role of orientation-dependent forces, computer graphics studies 2—2962
ionization scanner signals, data acquisition and treatment 2—14799
IOTA, thin film thickness meas. using scanning spectrophotometer 2—29713
irradiated fuels, burn-up determination by heat output 2—38740
isolines, automatic construction, using computer and plotter 2—30183
Jupiter occultation, instrumentation and control program 2—4967
kinoform diffusers 2—23648
kinoform synthesis, use of pseudo random sequences 2—11391
laminar incompressible flow past parabolic cylinder, numerical solution 2—21931
levitated toroidal multipole, design and optimization 2—24740
linear accelerator, longitudinal motions of protons modelling, and phase volume reduction by suppressing coherent phase oscillations 2—31398
linear accelerator waveguide buncher, optimal design using hybrid computer 2—8262
liq. phase epitaxy of GaAs in Ga soln., simulation 2—3531
liquid chromatography, small dedicated digital computer 2—26378
macromolecular solutions, viscoelasticity meas. 2—25015
magnetic reson., digital processing of exptl. data using discrete Fourier transform. 2—7811
magnetic shock tube problem, numerical solution 2—7760
magnetograph, digitized filter, optics and electronics 2—11178

Computer applications continued
mapping of soil types from multispectral scanner data, computerized 2—16776
mass spectra, automated acquisition of metastable ion data using on-line computer 2—38780
mass spectrometer, quadrupole, real time 2—2909
medical diagnosis, processing of digitized images of cells 2—2030
metallographic struct. evaluation by computer 2—32437
metallography, quantimet image analyzing computer 2—25561
metallurgy, solidification process of steel ingot, mathematical model 2—3442
meteorological data assimilation systems, continuous 2—13675
meteorology, radio, effects of additive noise on calculated statistics of input signals 2—1826
microscopes for biological research 2—2018
Mie scattering calculations, synthetic distributions using a dual-computer technique 2—7987
m.i.s. structures, for densities and time constants of surface states 2—19726
modelling of stellar nucleosynthesis s-process 2—10860
molecular collisions, dipole-dipole, computer graphics study of trajectories and rotational energy transfer 2—875
molecular spectroscopy, symbolic logic approach to analysis of spectra and planning of investigations 2—5894
molecular spectroscopy, use of computers and other calculating devices 2—31138
molecular spectroscopy, using interferometer 2—21176
monoclinic crystal powder pattern indexing 2—3646
multi-electron, photoionization section of 1s and 2s states, computer calcs. 2—31642
multi-loop fluid flow systems analysis program, MUFAN, in FORTRAN 4 2—39071
multispectral scanner data, used in water depth and characteristic determination 2—20297
neutron activation analysis, computer coupled Ge(Li) spectroscopy 2—26388
neutron activation analysis of semiconductors 2—16715
neutron diffusion, hybrid method for solving reactor space-time-dependent equations 2—28123
neutron diffusion equation, application of finite element methods 2—28111
neutron flux distribution control in nuclear reactors, performance simulation on hybrid computer 2—8401
n.m.r., complex trace calculation for solids 2—30023
n.m.r., on-line calc. 2—23471
n.m.r. spectra calc. by analog computer 2—7808
n.m.r. system for Davis polarized proton target 2—24064
n.m.r. time sharing spectra, analogue computer calc. 2—27382
nuclear instrument system CAMAC 2—24062
nuclear lifetimes, systematics study 2—34982
nuclear polarization of targets 2—34775
nuclear power reactor statistical diagnostic techniques, on-line signal recording 2—21474
nuclear reactor, excursion radiation detection system, on-line system 2—24289
nuclear reactor, heterogeneous method for calculation of long term reactivity change in reactor with burnable poison rods 2—28138
nuclear reactor excursion radiation detection system, on-line system 2—31630
nuclear reactor refuelling, quasi-optimal method solved by hybrid simulation 2—8403
nuclear reactors, electricity generating system, simulation model 2—2853
nuclear reactors, point model, optimal control, application of nonlinear programming 2—5747
on line digital system coupled to mass spectrum photoplate reader 2—21484
on-line spectrofluoremeter system, for rapid collection of absolute luminescence spectra 2—11535
optical design 2—11519
optical diffr. masks prod. method 2—25315
optical image detection, recording and display using photon counting techniques 2—38048
optimum accelerating factor for successive over relaxation method in propagation problems 2—213
organic compound structure, mass spectra 2—33391
particle accelerator control, state of art and future development 2—14888
patient monitoring, information handling 2—2019
phase diagram, calc. method for multicomponent systems 2—13008
phase equilibrium diagram, of two ordering phases with $L1_0$, $L1_2$ superstructs., computer calcs. 2—32784
photoemulsion nuclear reaction, DNEPR-1 computer simulation 2—38559
photometry, colorimetry applications, methods 2—23700
photon counting in complete Stokes vector polarimeter 2—11175
physics laboratory, undergraduate, computer analysis and simulation of expts. on wave propagation, sound, light 2—14059
physics laboratory instruction, computer-aided, project CAPLIN 2—17152
physics research centres for processing experimental data 2—20767
physics undergraduate course 2—37545
plasma, anomalous d.c. resistivity, computer simulation 2—8923
plasma cyclotron waves, expts. on self-trapping instability 2—35568
plasma electron cyclotron heating in nonuniform magnetic field, calc. 2—3193
plasma numerical simulation with periodic smoothing in phase space 2—28512
plasma simulation, initial particle distributions 2—978
plasma simulation 2—8908
plasma simulation 2—39095
polar ice sheet, deep temperatures 2—7230
prismatic shells, computer code for analysis of stress, buckling and vibration 2—20892
program system for anal. of long time series of power reactors signals 2—14246
proportional multiwire counter for low, medium and high energy physics 2—24075
pulse height distributions, low energy gamma rays, computer aided unfolding 2—38349
pulse programmer for averaging of n.m.r. meas. 2—7809
pulse reactor radiation detection system using on-line computer 2—15173
PWR reactors, core support structure design 2—38705

Computer applications continued
quadrupole mass spectrometer with time varying potential, simulation 2—564
Quantimet 360, steel inclusion analyser, performance 2—6630
Quantimet 720, imaging systems inc. automatic focus, cine and electron microscope facilities 2—5408
Quantimet 720D for densitometry in life sciences 2—5116
Quantimet 720S, direct coupled image analysis in scanning electron microscopes and microprobes 2—6410
Quantimet Cytoscreen for scanning for malignant cells 2—7603
Quantimet Cytoscreen pattern recognition system for screening cervical smears 2—7602
Quantimet-electron microscope linkage for assessment of particle size distrib. in polymer lattices 2—6265
radiation vulnerability of divide by twenty counter, computer-aided system approach 2—18018
radioastronomy data processing 2—7572
radiography, computer controlled, state-of-the- art 2—34568
radiography, for articulatory movement tracking 2—30685
radiotelescope spectrograph, computer-run 2—23137
rain-scatter model, predictions for ATS-F/G radio interference expt. at 6 GHz 2—33489
random hypersurface generation 2—14119
ray trace analysis, for ionosphere Faraday rotation obs. 2—4717
reactor shielding. computer graphic-aided design 2—38772
real time control of observing program of OSO 2—11165
real-time infrasonic array data processing, fast-frequency-wavenumber anal. and Fisher signal detection 2—37183
residual gas analyser, analysis computer program 2—41405
rolling, comprehensive soln. of von Karman's basic eqn. 2—29407
room acoustics, model obs. of hall shapes 2—34173
sampling error obs., associated with nonmetallic inclusion estimates in steel 2—6611
scintillation counter control in kaon decay 2—5587
scintillation counting, doubly labelled liquid samples 2—2626
sea surface temperatures, computer model for automated processing of satellite infrared information 2—20296
seismic array data processing 2—26409
seismic data interpretation, colour sonograms 2—30164
servocontrol of granite stage and measuring microscope 2—2450
severe weather forecasting, use of computers, SWEAT index 2—13696
simulation, for Na transport rate det. in liver fragments 2—41281
simulation and correlation of cyclic deformation and fatigue behaviour of axial and flexural members 2—14159
simulation applications to complex problems, symposium, Tokyo, Japan (1971) 2—7732
simulation in estimation of reactor parameters 2—533
simulation of a fireball 2—5562
simulation of coherent optical filters, increasing dynamic range using modulation gratings 2—38133
simulation of collisionless damping of large amplitude whistler wave in plasma 2—31980
simulation of defect solids 2—15737
simulation of detection process of NE-102 and —213 scintillators for neutrons 2—24083
simulation of diatomic gases, using loaded sphere molecular model 2—18743
simulation of electrical breakdown phenomena 2—35628
simulation of ion-acoustic shocks, slug and piston problems, particle-in-cell techniques 2—35476
simulation of plasma anomalous resistance and current driven ion sound instability 2—24695
simulation of positive point-to-plane discharge at atmos. pressure 2—24856
simulation of sputtering of polycrystalline materials 2—4084
simulation on lateral spreading of space charge in bulk GaAs devices 2—19698
simulation with macroparticles of multiturn injection into CERN PS booster 2—14847
simulations of modified plasma two-stream instability, turbulent heating 2—12371
solar flare prediction, prognosis function construction 2—5018
sound synthesis 2—23383
spectra, analysis, iterative least squares procedure using digital computer 2—7731
spectral analysis, automatic peak extraction technique using additive correlation procedure 2—34824
spectral emission analysis by multichannel photoelectric quantometer, use of analog computers 2—40847
spectral lines, finding and measuring 2—23727
spectral waveforms of speech sounds, computer simulation 2—20746
spectrochemical emission analyser designed around small dedicated computer 2—16706
spectrometers, microwave, n.m.r., e.s.r., data acquisition system, computer instrument interfaces 2—7796
speech, accent patterns, EMG obs. 2—33794
speech, dynamic patalography 2—30684
ST Machine, computer assistance using interfacing and control hardware 2—28568
steel, phase transform. on cooling, simulation of temp. distrib. 2—32689
steel inclusion analyser, Quantimet 360, performance 2—6630
steel inclusion analyser, Quantimet 360 2—6612
stellar models, semiconvection 2—7412
stellar spectrogram digital reduction 2—13901
stopped-flow kinetic apparatus data recording, on-line system 2—23185
stress corrosion cracking, simulation 2—19206
structural vibration analysis 2—14248
structure definition by Fourier method, computer program 2—32439
successive radioactive decays, simulation 2—30745
surface water movement, tracer dye imaging system, computer analysis 2—20299
synchrotron orbit display, data processing 2—5620
synthesis of holograms of moving objects 2—27543
systems analysis, complex linear microcircuits, terminal models 2—17517
tandem accelerator control and automatic meas. of yield functions 2—24124
teaching dynamics of machines 2—27011
telescope control, for supernova search 2—26936
thermal cond. transient meas. technique for heat sink cpds. 2—17439

Computer applications continued
thermonuclear fusion, control of reaction and data collection by computer in plasa exps. 2—15019
thermoviscoelastic axisymmetric stress analysis, finite element and finite difference computer techniques 2—17348
thunderstorm forecast technique from modelling considerations, severe storm development 2—13697
time shared, application to automatic goniophotometer 2—23701
total information readout system for multiwire proportional chambers 2—31356
total information readout system for multiwire proportional chambers 2—24074
transmittance of absorbing films 2—301
ultrasonic wave velocity obs. in minerals and rocks 2—33427
underwater sound recording analysis 2—22951
u.s. data analysis for nondestructive testing 2—32669
u.s. imaging in solids 2—15891
variable freq. audio modulator for r.f. spectrometer, patent 2—11408
water, dielectric relaxation, calc. in terms of point defect model 2—12572
water-steam, out-of-pile subchannel meas. in nine-rod bundle for water at 1000 PSIA 2—25002
wave mechanics, statistical foundations and nonsymmetric binomial distribution, application of computer 2—27012
weather radar data processing system 2—7252
X- and gamma-ray spectroscopy 2—23184
X-ray analysis, electron microscopy, and electron probe anal., review 2—25282
X-ray crystallography, group refinement program, ORION 2—9510
X-ray diffraction, automatic film reader, accuracy estimation 2—3652
X-ray diffractometer control system 2—3634
X-ray fluorescence spectrometry, data handling 2—10677
X-ray small angle scattering curve analysis and simulation 2—3654
X-ray spectrometer control 2—17142
Al, vacancy simulation, pair potentials, atom displacements 2—6482
Ar, electron swarm, mean energy, cathode effects, computer simulation 2—35592
Au, grain boundaries, struct. and energy computer calcs. 2—32544
Au, scatt. of Ar ions, computer simulation 2—36384
Cu:Au, ion channelling, interaction with interstitial atoms, computer simulation 2—36050
Fe$_3$Al, radiation damage, computer simulation 2—39671
Ge(Li) detectors, fast computer analysis of γ spectrum 2—38368
H$_2$ bubble chamber photographs, scanning and meas. 2—5601
I-I$_2$ collisions, inelastic, molec. trajectory calc. presented as computer-animated films 2—2972
KCl, cryst., grown from melt, cleavage, computer simulation 2—29083
Nb channelling of 300 keV deuterons, particle flux, energy peaking, computer simulation 2—36385
W, simulation of penetration and backscatt. of Kr$^+$ 2—29581

Computer memories *see Calculating apparatus/digital computers; Magnetic devices; Storage devices; Superconducting devices*

Computer programs *see Calculating apparatus/digital computer programmes*

Computers *see Calculating apparatus*

Concrete
aging creep., numerically stable algorithm with increasing time steps for integral-type 2—14181
barytes pile, meas. of neutron spectra by time-of-flight method 2—28103
boiling water reactor containments, protection in case of accidents 2—15162
building materials, frequency dependence of acoustic waves on complex elastic constants 2—17399
cement-bound, steel brittle fracture effects, electrochemical investigation 2—6578
containment structures in India, design and structural analysis reactor 2—15097
corrosive action, chemical activation of steel 2—6560
creep strains, time-temp. extrapolation techniques 2—15849
deformation and strength, under repeated compressive loads, effect of understressing 2—22345
microporosity, colour radiography obs. 2—39967
nuclear pressure vessel, stress analysis by the finite element method 2—15068
nuclear reactor end slabs for pressure vessels, mechanical behaviour 2—15069
nuclear reactor pod boiler pressure vessel design, stress analysis 2—15073
nuclear reactor pressure vessel, stress calculation experimental verification 2—15077
nuclear reactor pressure vessels, calculation of creep by approximate method 2—15071
nuclear reactor pressure vessels, design concept and analysis of structure with axial ribs 2—15075
nuclear reactor pressure vessels, experimental and theoretical mode of behaviour when pressurized to failure hydraulically and pneumatically 2—15076
nuclear reactor pressure vessels, mechanical behaviour at operational temperature of 70°C 2—15066
nuclear reactor pressure vessels, prestressing and proof pressure testing 2—15072
permeability, mechanical, effects of triaxial stress 2—13603
pressure vessel liners, prestressed, stress analysis 2—15154
pressure vessels, creep analysis 2—15067
pressure vessels, prestressed, stress-strain behaviour 2—15153
pressure vessels of WYLFA nuclear power station, thermal insulation, structural behaviour 2—15156
prestressed concrete containment structures, design procedures and test results 2—15164
prestressed concrete containment vessels, natural frequency and damping by dynamic analysis 2—15163
prestressed pressure vessels for nuclear reactors, reduced-scale models, ultimate tests 2—15151
prestressed reactor vessel models, mode of rupture under internal gas pressure 2—15152
reactor pressure vessel liners, pre- and post-buckling analysis, matrix displacement method 2—15155
reactor vessels for high temp. gas cooled power reactors, thermal insulation systems 2—15180
shield, biological for uncontrolled nuclear reactor excursion 2—15183
simulated system, nondestructive testing using vibration meas. 2—36190
strain and ultimate strength under triaxial compressive stress 2—15859

- **Concrete** continued
  - strength when microreinforced with steel 2–15868
  - stress analysis, thermodynamics of interacting continua with surfaces 2–14180
  - thermoluminescence characteristics for accident dosimetry 2–5767
  - H_2O migration, action of temperature gradient and pore pressures 2–15948
- **Condensation**
  - *see also Drops; Fog*
  - amorphous deposits formed at low temperatures 2–28970
  - amorphous deposits formed at low temperatures 2–32314
  - Bose Einstein, ideal Bose gas confined in thin films 2–27099
  - bubble injected into sub-cooled liquid stream 2–24998
  - bubble train, approx. soln. 2–24999
  - bubbles with non-homogeneous distribution of non-condensables, quasi-steady state analytical solution 2–6187
  - capillary condensation, chem. pot. changes, thermodynamic treatment 2–32388
  - capillary condensation, cylindrical pore model with zero contact angle 2–35900
  - dew point method for meas. thermodynamic props. of liq. Al-Zn and Al-Te alloys 2–39359
  - diffusion pumps, pumping fluid condensation 2–41387
  - dropwise, digital computer simulation 2–9215
  - expanding nozzle flow, homogeneous condensation 2–21904
  - films, with pressure gradients for gases of small Prandtl number 2–39428
  - Freon 12, saturated and superheated, heat transfer during film condensation 2–25000
  - homogeneous, upon moderate supersaturation, nucleation theory 2–32309
  - interstellar gas, cooling, thermal condensations 2–33693
  - laminar film, effects of noncondensable gas and forced flow 2–22042
  - laminar films, two phase boundary layer theory rel. to suction theory 2–6193
  - laminar filmwise of flowing vapour on horizontal cylinder, soln. of two-phase boundary layer eqn. 2–22040
  - laminar filmwise on a vertical surface, two-phase boundary layer equation solved 2–22039
  - laminary film condensation in forced flows, boundary-layer theory investigation 2–39427
  - metal vapours at low pressure, heat transfer 2–35830
  - molecular vapour, on epitaxial substrate 2–6337
  - quasicondensation of counterions near limit of infinite dilution based on Poisson-Boltzmann eqn. 2–9101
  - slags in MHD open-cycle generator 2–11424
  - statistical mechanics, one-dimensional fluid with long-range harmonic potential 2–20868
  - steam, annular flow, shear dominated, local heat transfer condensing coeffs. 2–1147
  - steam, low pressure, flowing through tube banks, determ. heat transfer and flow resistance 2–22041
  - steam, on a laminar plane jet of liquid 2–28953
  - supercooled liquid, molecular dynamical simulation, response function model 2–18880
  - supersonic stream, condensation augmented velocity 2–24950
  - water, in air filled hollow drops, cloud formation theory 2–32210
  - water drops, growth passivation 2–1061
  - water in quartz capillaries, formation of columns of anomalous structure 2–1148
  - Ar, coefficient, measured with quartz crystal microbalance 2–3445
  - Au, spatially periodic inhibition by intense optical standing waves 2–9270
  - CO_2, coefficient, measured with quartz crystal microbalance 2–3445
  - CO_2, molecular beam impinging on Cu block, condensation coeff. detn. 2–39429
  - CO_2 films condensed on cryogenic surfaces. refractive indices and densities 2–7039
  - H_2, D_2, vap. press. meas., 1.6-5.2K, significance in astrophys. and vac. technol. 2–39430
  - H_2, in interstellar gas clouds onto solid grains 2–7466
  - H_2O, molecular beam impinging on Cu block, condensation coeff. detn. 2–39429
  - H_2O films condensed on cryogenic surfaces. refractive indices and densities 2–7039
  - H_2O in enclosure in presence of noncondensable gas 2–22043
  - ^3He-^4He mixtures, pressure and density meas. along boiling and dew curves 2–22026
  - ^4He, submonolayer films, remnant Bose condensation, verification 2–12598
  - Hg, dropwise condensation, 70-185°C 2–18889
  - Hg, obs. using radioactive tracer 2–25004
  - Kr, coefficient, measured with quartz crystal microbalance 2–3445
  - N_2O_4, partly dissociated into NO_2, heat transfer 2–6284
  - Xe, coefficient, measured with quartz crystal microbalance 2–3445
  - Xe, on graphite, two dimensional phase change, LEED obs. 2–25224
  - Zn vapour in supersonic carrier gas 2–32146
- **Condensation of gases** *see Liquefaction, gases*
- **Conduction, electrical** *see Conductivity, electrical*
- **Conduction, heat** *see Heat conduction*
- **Conduction, ionic, solids** *see Ionic conduction, solids*
- **Conduction bands** *see Crystal electron states/band structure*
- **Conduction electron scattering** *see Crystal electron states/transport processes*
- **Conductivity, electrical**
  - *see also Ionic conduction, solids; Kondo effect; Semiconducting materials; Semiconductors; Skin effect; Superconducting materials; Superconductivity*
  - arc plasma, turbulent resistivity computation from digital meas. of voltage and current 2–21775
  - Atlantic Canada, continental margin, conductivity structure by geomagnetic induction 2–33419
  - automatic control of nuclear fuel recycling processes applic. 2–28144
  - capillary-discharge, high current, comparison of exptl. value with theoretical calcs. 2–32121
  - collisional a.c. electrical conductivity of anisothermal magnetoplasma from convergent classical kinetic equation 2–39117
  - collisional a.c. electrical conductivity tensor of multispecies magnetoplasma from quantum mechanical convergent kinetic equation 2–39118
  - conductivity electrical measurement 2–25010
  - in cool electron θ-pinches, turbulent heating 2–39139
- **Conductivity, electrical** continued
  - dielectric two phase media, ponderomotive force calc. 2–37870
  - disordered systems, percolation processes 2–13072
  - equatorial electrojet, electron density and current intensity obs. 2–20394
  - explosives, detonation zone of powder explosives and hexogene 2–27299
  - ground consts. determ. from mutual impedance of coplanar loops 2–30228
  - guinea pig cochlea, sound induced electrical impedance changes 2–23180
  - ionosphere, during interaction of charged particle fluxes with atmosphere 2–30349
  - ionospheric layers, lower, equivalent secondary multipoles, gyrotropic plane model 2–23011
  - metallic materials, ASTM standards, book 2–37552
  - MHD generator, effects of ambipolar diffusion 2–7821
  - plane e.m. wave incident on conductive moving mirror 2–30920
  - plasma, anomalous d.c. resistivity, computer simulation 2–8923
  - plasma, anomalous h.f. resistivity, driven by large electric field oscillating near electron plasma frequency 2–18601
  - plasma, anomalous resistivity, r.f. confinement 2–28537
  - plasma, conductivity and current heating in a strong magnetic field 2–28538
  - plasma, dense, nonideal, high temp. obs. 2–28517
  - plasma, det. from electric arc 2–28515
  - plasma, ion sound turbulence anomalous resistivity calc., inconsistency 2–18654
  - plasma, nonideal, relationship to thermopower 2–28518
  - plasma, obs. of cross field anomalous resistivity due to electron cyclotron drift instability 2–3244
  - plasma, strongly magnetized, two-dimensional, Kubo conductivity 2–984
  - plasma anomalous resistance and current driven ion sound instability, computer simulation 2–24695
  - plasma anomalous resistance and temporal evolution of distribution function in external electric field perpendicular and parallel to mag. field 2–24649
  - plasma anomalous resistivity and current driven collisional drift instability in double ended Q-machine 2–21854
  - plasma anomalous resistivity and ion wave current instability 2–3241
  - plasma anomalous resistivity and two-stream instability, numerical investigations 2–8930
  - plasma anomalous resistivity effect of external circuit 2–18665
  - plasma combustion products under channel flow, dependence on turbulence 2–28533
  - plasma pinch, anomalous resistivity and electron cyclotron drift instability 2–24667
  - plasma response theory, nonlinear, h.f. conductivity 2–35452
  - plasma shift in fast compression, low-β stellarators with finite conductivity 2–24682
  - polarizable medium at radio and l.f. e.m. theory 2–30907
  - resistor network, disordered media, application of scaling and effective medium theories 2–7815
  - sheet resistance meas. in boron implanted layer in Si 2–10075
  - small ion, in lower stratosphere 2–13721
  - solar chromosphere, connected with proton flares 2–11131
  - solar photosphere and sunspots, effect of anisotropy on Joule dissipation of magnetic fields 2–17077
  - thunderclouds, after lightning 2–1877
  - Tokamak discharge, enhanced resistivity shown to permit ion runaway 2–24843
  - two-dimensional guiding centre plasma, thermal equilibrium d.c. and a.c. conductivity 2–28536
  - Ar arc plasma, electrical conductivity and optical reduction of ionization potential, correlation of peculiarities 2–39120
  - Ar plasma, in cascaded arcs, effect of deviations from LTE 2–28522
  - Cs dense plasma Coulomb interaction contribution to specific electrical resistance 2–39121
  - Cs plasma, turbulent resistivity 2–24665
  - n-Ge, bulk negative differential 2–10068
  - He plasma, in cascaded arcs, effect of deviations from LTE 2–28522
  - Hg arc plasma, electrical conductivity and optical reduction of ionization potential, correlation of peculiarities 2–39120
  - Hg plasma, dense nonideal, high temp. obs. 2–28517
  - Kr plasma, in cascaded arcs, effect of deviations from LTE 2–28522
  - Ne plasma, in cascaded arcs, effect of deviations from LTE 2–28522
  - Ne plasma, partially ionized, low temp. 2–24671
- **gases**
  - air, effect on breakdown voltage of point-to-plane gap 2–24889
  - air plasma, obs. using stabilised electric arc 2–6071
  - arc, cylindrical, distrib., channel model 2–24915
  - atmosphere, telemetry systems for obs. rel. to pressure as function of altitude 2–20317
  - ionosphere, relation to definition of collision frequencies in kinetic theory 2–3321
  - photospheric layers of active region, electrical conductivity distribution and gradients 2–26904
  - rarefied air ionised during discharge of hot cathode determ. conductivity variation in magnetic field 2–12451
  - CO_2, plasma, obs. using stabilized electric arc 2–6071
  - Hg vapour, measurement apparatus for transition metal to insulator density range 2–9036
  - K, meas. in liquid-gas critical region 2–9157
  - N_2, dense, hot electron injection, backscatt., thermalization, diffusion and drift 2–12577
  - Ne, electron mobility near critical point 2–35817
  - SF_6 decomposition products, calc. at high temps. and pressures 2–39289
- **liquids**
  - alkali metal, Shaw's modified Heine-Abarenkov model potential 2–3359
  - alkali nitrate, molten at high pressure 2–3403
  - alkaline earth metals, resist., pseudopots. 2–18849
  - alloy, binary, critical behaviour 2–18790
  - aqueous solutions of NH_3 and morpholine at high temps. 2–28891
  - n-cetyl alcohol and its solutions, anomalies near f.p. 2–3443
  - dielectric, measurement of low charge mobility 2–9155
  - dielectrics, d.c.conduction 2–32275
  - insulants, negative charge carrier mobility meas. 2–32272
  - ionic solns., infinite dilution application of classical statistics 2–15604
  - liquid crystal, p azoxyanisole, drift mobility, temp. depend. 2–39341
  - measurement by new exptl. method which does not require meas. of length of cross section of sample 2–25102
  - metal, alkali, liq., resist., pseudopot. calc. 2–39384
  - metal, anomalous Lorenz ratios 2–15607

Conductivity, electrical continued
liquids continued
metal, electronic thermoosmosis 2—35783
metal, Lorenz ratio anomalies 2—12575
metals, eddy current probe for obs. of fluctuations at high temp. 2—34285
molten salts, containing more than 2 ion constituents, equivalent conductivity 2—1112
molten salts, transition state theories 2—15605
monovalent alloy, electrotransport, phase shift approach 2—21971
nematic liq. cryst., cholesteric additives effect 2—12540
nematic MBBA 2—25103
seawater under ice island T-3 2—10707
semiconductor, Sb_2Se_3, hopping cond. 2—1108
semiconductor, Se-Te alloy, electrical switching 2—3407
semiconductors, and det. of chemical bond characteristics, fine arrangement, zone structure and Fermi surface det. 2—35784
transition metal alloy, Faber-Ziman model 2—18847
Al, pseudopot. calc. 2—40120
Al, specific resist., short range order, pseudopotential calc. 2—1116
Ba, meas. 993-1500K, thermal cond. estimation 2—18850
Bi-Ga binary metallic liquid, obs. of paraconductivity above critical point 2—12576
$Ca(NO_3)_2$, conc., aqueous soln., temp. dependence rel. to Fulcher eqn. and glass transition temp. 2—25055
Cd, temp. depend., calc. 2—3404
CdSb melt, semicond. props. and transition to metallic props. 2—29662
Cs, temperature dependence of resistivity evaluated using a model potential in the Ziman formula 2—3405
Ga, Lorenz no., temp. independence 2—40091
Ge-Mn alloys, resist., temp. coeff. 2—15608
Hg, rel. to pseudogap depth parameter, near metal insulator transition 2—39385
Hg, struct. factor, elec. resist., X-ray obs. 2—35727
Hg, temp. depend., calc. 2—3404
$In-In_2S_3$ partial system, comp. and temp. depend. 2—1114
In, temp. depend., calc. 2—3404
K-KCl, melts, electron mobility calc. 2—6243
K, meas. in liquid-gas critical region 2—9157
KNO_3+AgNO_3, system, molten salts, equivalent conductivity 2—1112
Li-Na binary metallic liquid, obs. of paraconductivity above critical point 2—12576
$LiNO_3-AgNO_3$ molten salt mixtures, ion migration 2—28892
N_2, hot electron injection, backscatt., thermalization, diffusion and drift 2—12577
NH_3, electron pulse irrad. 2—28890
Na-K alloy, electrotransport theory 2—21999
Na-K solutions, resistivity meas. and relationship to electrical transfer 2—39386
Na-Li alloys, resistivity meas. 100 to 1050°C 2—12578
$Na-NH_3$ solution, electron states, near metal-nonmetal transition 2—12573
Na-NaCl, melts, electron mobility calc. 2—6243
NaCl, solution in glycerol, rel. to ionic radii determination 2—15610
$NaNO_3-AgNO_3$ molten salt mixtures, ion migration 2—28892
Pb, specific resist., short range order, pseudopotential calc. 2—1116
Pb, temp. depend., calc. 2—3404
Rb, temperature dependence of resistivity evaluated using a model potential in the Ziman formula 2—3405
S, polymerization, chain dissociationn, ring scission, elec. resist. temp. depend. 2—35785
Sb_2S_3, molten, switching effect 2—12579
Sb_2Se_3:Zn, In, impurity effects, 950-1200 K 2—22001
Sb_2Se_3, hopping cond. 2—1108
$Sb_2Te_3-Sb_2Se_3$ system, molten, 650 to 800°C 2—6227
Se:I, In, impurity influence 2—3406
Se-Te alloy, electrical switching 2—3407
Se, liquid, switching, I-V characts. mag. field effect 2—25105
Se, molten, conductivity anisotropy in laminar flow and chain structure 2—28893
Se, molten, switching effect 2—12579
Se, polymerization, chain dissociation, ring scission, elec. resist., temp. depend. 2—35785
Se, switching and memory effects 2—22002
Tl, temp. depend., calc. 2—3404
Tl_2Te:Sn, impurity effects, 750-950K 2—22003
Zn, specific resist., short range order, pseudopotential calc. 2—1116

liquids, electrolytic
see also Chemical analysis/electrochemical; Ion velocity/electrolytic
Debye Huckel theory, generalization for higher concentrations 2—28781
dielectrics, d.c. conduction 2—32275
e.h.d. instabilities due to current flow 2—9146
impedance measurement device, method 2—23477
ion conductivity at infinite dilution, in electrolyte mixtures, calc. of coeff. of relaxation 2—7180
ionic conductivity, Fuoss Onsager theory, derivation from Liouville eqn. 2—28887
MHD, flow constraint effects on local resistance in transverse magnetic field 2—28483
nematic systems, rel. to field induced surface charges 2—35782
tetraethylammonium bromide in methanol-dioxane mixture 2—9159
NaCl, in sulfolane water mixtures, conductance investigations at 25 and 35 °C 2—22000

measurement
air plasma, using stabilized electric arc 2—6071
air-water mixture, technique for determ. slip distrib. and ave. void fraction 2—24628
anisotropic materials, mod. potential probe for location of principal axes of cond. tensor 2—29693
apparatus for transition from metal to insulator density range studies in Hg vapour 2—6792
automatic meas. devices for irrad. graphite 2—39873
cell membrane resistance, chopped- current clamp with single electrodes of changing resistance 2—2014
in closed pressure apparatus 2—2324
conductors at high temperatures and pressures 2—37531
Earth, remote meas., phase locked loop receiver employment 2—16762
eddy current probe for obs. of fluctuations at high temps. in liquid metals 2—34285
fluid, h.f., miniature detector for microanalytical systems 2—4602

Conductivity, electrical continued
measurement continued
four point probe Hall effect and resistivity measurements on semiconductors 2—40223
four-probe method, appl. to semicond. 2—36540
ground, using two-loop technique, in range 50 to 150 kHz 2—33421
guarded- longitudinal-heat-flow technique 2—17432
liquids, new exptl. method which does not require meas. of length and cross section of sample 2—25102
low temperature, 0.4 to 4.2K, ^3He cryostat with adsorption pump 2—41369
membranes, dynamic current voltage characteristics, measurement apparatus 2—37871
microwave measurement, 10^{10} Hz, of small crystals 2—17487
microwave technique, for semiconductors 2—19681
monovalent metal nitrates, solid and melted, at atm. and hydrostatic pressure 2—3771
nondestructive testing using eddy currents, closed-form solutions 2—20970
plasma, turbulent, r.f. probe 2—12407
quinolinium, single cryst., temp. dependence 2—6754
resistance meter, micro-electrode, linearly reading 2—7816
resistivity, apparatus and method using rotating magnetic field, patent 2—11411
resistivity determination at high temperatures and pressures 2—37528
seawater from shipboard, instrument 2—26477
in semiconducting samples, computer controlled automatic system 2—19680
semiconductor, four point probe, correction devisors for parallelepiped, Green's func. method 2—40283
semiconductor, microwave technique 2—16233
semiconductor, resonator method 2—4185
semiconductor layers, heterogeneous, four-probe method 2—6801
semiconductor materials 2—19682
semiconductor slabs, transmission of TE_{11} microwaves in circular waveguide 2—19679
semiconductor surface, field effect obs. 2—19676
soda, glass, pure earth doped, sensitivity to crystalline environment or included impurity ions obs. 2—9223
stratosphere, effect of dust, vertical profiles of potential gradient 2—10732
thermophysical properties of fluids 2—18813
CO_2 plasma, using stabilized electric arc 2—6071
Cs, Cs-He plasmas, stationary in presence of external electric field 2—24690
Mo, single crystal, at high temps. 2—6750
Si epitaxial layer resistance profile meas. method 2—19683
Si epitaxial wafer, resistivity measurement using voltage relax. technique 2—29708

solids
aerospace alloys, 4-300K 2—25692
alkali halide, rel. to impurity precipitation, review 2—3794
alkali halides, isotope effect of electromigration 2—29209
alkali silicate glasses, activation energies, Anderson Stuart model, two phase model 2—3458
alloy, Ag-Zn, ordering in annealed alloy 2—3817
alloy, Bi-Sb, transport phenomena 2—3954
alloy, binary, dilute, resist. calc. from Ashcroft model pot. 2—40166
alloy, Cu_3As, prep. and props. 2—1409
alloy, dil., low temp. resist., Umklapp effects 2—19539
alloy, dil. binary, residual resist. determ. 2—36441
alloy, dilute, low temp. resistivity, impurity and electron phonon scatt. 2—16134
alloy, disordered binary, d.c. resist., temp. depend. 2—32873
alloy, disordered binary, effect of s-d hybridization 2—13109
alloy, f.c.c. ordering, vacancy influence on residual resist. 2—6609
alloy, spin fluctuation resist. 2—16132
alloy with 10% carbides, sintering process, coercivity and resist. obs. 2—19240
alloys, dilute, nonmag., temp. depend., resist. temp. coeff. rel. to impurity at. number 2—16138
β-alumina, $MAl_{11}O_{17}$, electronic transference no. rel. to solid electrolyte suitability 2—10632
alumina-phosphate coating, specific resistance, temp. depend. 2—13300
amorphous semiconductor, review 2—13215
amorphous semiconductor, struct. effects 2—32967
amorphous solid, Poole-Frenkel cond., screening effects 2—22452
anthracene alkyl-substituted analogues, films, temp. depend. 2—13249
anthracene film, γ-irrad., I-V characts. 2—29681
anthracene film, space charge limited currents with uniform and non-uniform trap distrib. and size effects 2—40266
aromatic hydrocarbons, effect of electron-phonon interactions on charge carrier transport 2—25720
binary metal oxide, nonstoichiometry, diffusion and elec. cond., book 2—39677
biological materials, microwave 2—26939
bis-(maleonitriledithiolene)-metal chelate complex, semiconductor 2—16218
cadmium arachidate, organic monomolecular layers, in m.i.m. struct., neg. resistance obs. 2—36568
cassiterite, ore prospecting 2—26439
cellulose acetate, surface cond., water vapour adsorption depend. 2—39547
ceramics for electronics, conf., Hradec Kralove, Czechoslovakia, (1971) 2—12977
cetyl alcohol, carrier injection 2—25847
chalcogenide glass, between metal electrodes, switching processes 2—19634
chalcogenide glass, model for elec. cond. mechanism 2—19628
chalcogenide glasses, meas. rel. to investigation of small polaron hopping motion 2—32986
chalcogenide semiconducting glass, pressure and frequency dependences of threshold voltage, delay time, thermal switching 2—16220
chalcogenides, amorphous, a.c. cond. 2—16205
charge transfer complexes, a.c. and d.c. obs., conduction mechanism 2—10526
chloranil-amine charge transfer complex, e.p.r., elec. cond. 2—25832
chlorophyll-a films 2—26942
composites, linear anisotropic with periodic structure, variational principles 2—29453
course for secondary schools, consisting of five experiments 2—13

Conductivity, electrical continued
solids continued
cyanine dyes, thermal activation energy 2—16319
diamond. resist., heavy neutron irrad. effect 2—36496
diamonds, conduction, electrical, crystal orbital theory, teaching paper 2—1448
dielectric, charged, short circuit currents and motion of zero field planes 2—22610
dielectric, solid, on exposure to radiation 2—40159
dielectric, two-component, analysis of tetradecahedron model for calc. 2—16258
dilute magnetic alloy, resistivity calc. below Kondo temp., model Hamiltonian approach 2—36439
diphenylpolyene, film, trap distrib., space charge limited current obs. 2—40267
disordered material, d.c. conductivity, temp. depend. 2—4101
disordered system, functional analytic study 2—22462
disordered systems, cond. mechanisms 2—10132
duralumin, deformation at 77K, resistivity decrease, effect of ageing 2—19543
duralumin tempered at 77 K temperature dependence in 60 K-100 K range 2—39667
dynamics of nuclei, correlation functions in closed system procedure 2—17270
Earth, determination in stratified section from curves of transient field soundings in an adjoining zone 2—30211
Earth, rel. to monopole antenna radiation patterns 2—37854
Earth's core, electrical resistivity 2—4644
Earth crustal resistivity anomalies from geomagnetic deep-sounding studies 2—16761
Earth half-space, from radiation impedance of a frame antenna 2—30220
electroconducting glasses, properties 2—25802
e.m. induction of spherical shell covered by conducting hemisphere, Earth model 2—30224
epoxy resins, ionic dissoc. energy, introduction to Walden's law 2—25912
N-ethyl-phenothiazine-iodine complex, d.c. cond. 2—22544
europium chalcogenides, halide doped 2—4353
europium monochalcogenides, rel. to vacancy conc. 2—9367
exploding wires at high and low energy input rates in restrike channel, temporal behaviour 2—24900
ferrite, time variation effect 2—25920
ferromagnet, spin half, critical region 2—25759
ferromagnetic semiconductor, negative differential conductivity 2—4199
film, amorphous oxide, voltage formed, filamentary model 2—40272
film, metal, discontinuous, charge activation theory 2—40162
film, metal, thickness effects, piezoresist., resist. strain coeff. 2—40163
film, metallic, resist.-thickness data, Fuchs-Sondheimer theory fitting method 2—40164
film, space charge limited conduction, image force effects 2—19630
film insulators, d.c. conduction mechanisms, book 2—29732
films, metal and dielec., ion implantation doping effects 2—29189
four point Hubbard model, specific heat maxima, rel. to Mott transition 2—33167
Ge-Se-In system, cryst. samples 2—25821
glass, alkali-free aluminoborosilicate, temp. depend. 2—36580
glass, doped with transition metal ions, space charge limited hopping cond. 2—40239
glass, semicond., Ovshinsky switching, double injection 2—32990
glass, semiconducting, protonic 2—40232
glass, theory, model representations, semiconducting glass properties, uses 2—16202
graphite, colloidal sheet of paper with random holes, percolation theory and bulk conductivity 2—9983
graphite, irrad., elec. resist. rel. to thermal cond. 2—13220
graphite, neutron irrad. effects 2—3759
graphite, nuclear, neutron irrad. above 1200°C, saturation elec. resist., rel. to unirrad. graphite 2—19152
graphite, pyrolytic, electrical resistivities from charge carrier transport parameters 2—29661
graphite, temp. depend doping influence 2—1510
graphite based synthetic metals, electrical anisotropy 2—40171
graphite conduction, electrical, crystal orbital theory, teaching paper 2—1448
graphite/Br intercalation cpd., elec. resist. meas. 20-800°C, anomalous behaviour 2—19536
Guinier-Preston zones, spherical, elec. resistivity 2—22198
Guinier Preston zones, spherical, elec. resistivity 2—22197
Gunn effect materials with field-dependent diffusion, Shockley's positive conductance theorem 2—4195
Herzfeld theory of metallic conductivity 2—36437
igneous rocks, dependence on temperature and frequency of electric field 2—26461
impurity scatt. in presence of e.m. field, impurity conc. effects 2—16081
Incramet, resist., 1000 to 1200K 2—19456
insulating materials, at high pressure 2—2324
insulator, with discrete maps, high field and thermally stimulated currents 2—22521
insulator-metal, and mag. phase transitions, thermodynamic model 2—29832
insulators, current flow, combined Poole-Frenkel and Schottky effects 2—40238
isocytosine, carrier injection 2—25847
junction resistance of contacts on thin semiconductor layers 2—19717
lipids, bimolecular membranes 2—26941
low mobility material, thermal mechanism for switching 2—10002
lunar soil, determ. by Q-meter method 2—33727
magnetic system, anomalies due to cond. electron scatt. by critical fluctuations 2—40122
magnetic system, metal-nonmetal transition 2—6708
martensitic transformation, resist. and magnetization study 2—39987
metal, Bloch-Grueneisen parameters evaluation, program 2—32923
metal, fast neutron irradiation effect, recombination volumes 2—25763
metal, impure, resist., variational calc. 2—6755
metal, localized electrons and interactions with local modes 2—19537
metal, mag., impurity resist., nonlinear conc. depend. 2—4155
metal, magnetocond., theorem 2—36438
metal, phonon drag, low temp. 2—22486
metal, residual resistance, impurity screening, Thomas-Fermi method 2—9951
metal, resist. at antiferromag. transitions 2—25760

Conductivity, electrical continued
solids continued
metal chelates, electron transfer mechanism 2—26940
metal film, change due to chemisorption of gases 2—32915
metal film, discontinous, substrate assisted tunnelling 2—19540
metal film, electromigration studies 2—36075
metal film, Leonard-Ramey method of thickness meas. 2—3508
metal film, size effect 2—29612
metal films, θ cutoff model of size effect 2—36436
metal films, low temp. resistivity, failure of Bloch T^5 law 2—4153
metal films and wires, size effects 2—19541
metal-insulator transition, coherent- potential approximation solution of Falicov-Kimball model 2—19663
metal/polymer composite, resist. 2—40160
metallic conductor, nearly-one-dimens., freq.-depend. cond. 2—25761
metals, granular voltage induced tunnelling conduction 2—16133
metals, magneto-surface impedance and surface scattering effects 2—40165
metals, residual resistivity processes, Lorentz corrections 2—19538
metals purity characterisation by eddy current decay method of meas. by residual resistivity 2—29344
m.i.m. structs., current filament detect., a.c. detect. scheme, electron microscope obs. 2—40311
mixed valence semiconductor, hopping transport 2—9997
Moon, model, interpretation of dayside and nightside e.m. response 2—17030
narrow energy bands, theory 2—40236
Nimalloy, effect of Fe and Mo additions 2—13400
noble metal alloy, rel. to density of states calc. 2—32878
noncrystalline systems, review 2—10000
one-dimensional aperiodic solid, calc. 2—22448
one-dimensional conductors, electronic properties by structural disorder 2—29611
organic crystals, effect of electron-phonon interactions on charge carrier transport 2—25720
organic crystals, review 2—25961
organic materials containing metals 2—26940
organic semiconductors 2—4190
organic solid, ohmic and space charge limited currents 2—4221
organic thin films, bistable switching 2—25831
pentaerythritol, carrier injection 2—25847
periclase, effects of additives and densification on sp. vol. resist. 2—16260
perylene, film, pure and doped, bistable switching, metallic filament form. 2—16219
perylene complex, semiconduction 2—16218
phenoxatiin, film, transport processes, thermoelec. e.m.f. and I-V characts. obs. 2—16217
phthalocyanine single crystal, elec. and optical props. 2—33081
plastic,electron induced, carrier mobility detn. 2—22543
polar semiconductor, high freq. conductivity 2—9989
polarization measurement, method for partial electronic-ionic cond. determ. 2—16271
poly(ethylene terephthalate), d.c. cond. at elevated temps. 2—22613
poly N-vinyl carbazole films, thermal activation energy of conductivity and trap structure 2—36524
poly-n-vinylcarbazole, radiation induced, yield of charge carriers 2—19535
polyacrylonitrile, evaporated film, —100 to 100°C 2—29650
polyethylene, γ-irrad., pre-exponential factor 2—25834
polyethylene, polystyrene, polymethacrylate, polycarbonate and PTFE, radiation-induced, dose rate dependence 2—6752
polyethylene terephthalate films, anomalous induced transient cond. 2—32995
polymer, film, bistable electrical switching 2—6873
polymer, insulating, electron induced cond., bulk excitation 2—25808
polymer, shock compression effect on resist. 2—40161
polymer film, electron-beam-deposited, bombarding current depend. 2—32994
polymers, interlinked bonds, mechanical determ. 2—4277
polyphenyleneaminochloranils 2—25835
polypyrimidine, temp. depend., semiconduction 2—25836
polystyrene, electron induced cond., bulk excitation 2—25808
polytetrafluoroethylene film, r.f. sputtered 2—29049
polyvinyl chloride, hysteresis effect in variation with field and temperature 2—4264
polyvinylcyclohexane temp. dependence, evidence for transition above glass transition temp. 2—36582
Poole-Frenkel effect, under space charge limited current conditions 2—19629
powder-like mixture for u.s. amplification 2—6670
pyridinium salts, fused, and n.m.r. spectra 2—4562
pyrographite, effects of increasing heat treatment temperature on resistivity 2—40089
pyrographite, specific resistivity 300 to 2200 K 2—13106
pyrolytic graphite-Br_2 residual compound high temp. resistivity 2—6619
quartz, OH diffusion 2—6751
quartz, surface cond., water vapour adsorption depend. 2—39547
rare earth chromoselenides, resist., semicond. behaviour 2—10029
rare earth cobaltates, high spin-low spin equilib. study 2—36656
rare earth ruthenates and iridates, rel. to electronic characterization 2—10076
rat myocardial tissue, resistivity, frequency range 200 Hz to 100 kHz 2—17100
refractory metal oxide, film, prep. by ionized gas anodization 2—13301
samarium monochalcogenides, rel. to vacancy conc. 2—9367
scandium oxide, nonstoichiometric, plasma-synthesized, a.c. and d.c. meas. 2—9344
Se-Cu-As, glass, switching phenomena, elec. behaviour, rel. to Cu content 2—13227
semiconducting glass, endothermic phenomena in switch-on process 2—32960
semiconducting oxide, with metal or higher valence state oxide inclusions, calc. 2—40241
semiconductor, amorphous, negative resistance arising from thermal effects 2—19620
semiconductor, amorphous, review 2—40224
semiconductor, amorphous, review of current theories 2—40233
semiconductor, amorphous, switching, thermal effects 2—6794
semiconductor, amorphous film, negative differential cond. due to electrothermal instabilities 2—6802

Conductivity, electrical continued
solids continued
semiconductor, amorphous films, electro-thermal switching, model 2—9994
semiconductor, amorphous thin film, review 2—10005
semiconductor, cond. oscillations in surface layers under quantizing mag. fields 2—6800
semiconductor, conditions for space charge free currents 2—4202
semiconductor, cylindrical, four point probe resistivity 2—9986
semiconductor, degenerately doped, complementary variational bounds for low temp. resistivity 2—6789
semiconductor, double injection, a new approach 2—22522
semiconductor, dynamic neg. differential cond. 2—6803
semiconductor, effect of chemisorption, book 2—15672
semiconductor, effect of chemisorption, review 2—18956
semiconductor, elemental, photomodulated r.f. cond., diffusion coeff. determ. 2—1509
semiconductor, ferromag., galvanomag. effects, model calc. 2—13333
semiconductor, ferromag., metal-insulator transition and autolocalization of cond. electrons 2—32961
semiconductor, film, conductivity and Hall mobility, van der Pauw method 2—9991
semiconductor, Ge, amorphous film, effects of reactor irradiation 2—4232
semiconductor, Ge-Te(Se) glass 2—1516
semiconductor, heavily doped, at low temp. in weak mag. fields 2—19625
semiconductor, heavily doped, low temp. adiabatic cond., calc. 2—40269
semiconductor, high-resist, space-charge-limited current, current-voltage characts. 2—22514
semiconductor, hopping cond. in strong mag. field theory 2—6808
semiconductor, in strong electric fields 2—4198
semiconductor, inelastic impurity scatt. of hot electrons 2—1507
semiconductor, inhomogeneous, high apparent mobility 2—4204
semiconductor, inhomogeneous, simple model for high apparent mobility 2—25810
semiconductor, inhomogeneous, thermally stimulated cond., rel. to trapping levels 2—6796
semiconductor, IV charact. kink 2—1505
semiconductor, low compensated, impurity conductivity 2—25811
semiconductor, Meyer- Neldel rule, thermally assisted tunnelling and pseudointrinsic cond. 2—13211
semiconductor, microwave cond., non-parabolic energy dispersion 2—10004
semiconductor, microwave meas. technique 2—19681
semiconductor, negative differential cond., theory 2—9990
semiconductor, non-cryst., non-ohmic behaviour and switching 2—19632
semiconductor, nonparabolic, d.c. field-induced anisotropy of microwave cond. 2—13234
semiconductor, photoelectret state, non-isothermal relaxation, trapping levels, thermally stimulated currents 2—25950
semiconductor, pressed CdSe:Cl powder, nonlinear current-voltage curve, interparticle contact depend. 2—4211
semiconductor, process control device appl. 2—29694
semiconductor, residual cond., model 2—4208
semiconductor, Si film, chemically vapour deposited 2—1536
semiconductor, tetrahedrally bonded amorphous, elastic deform. effects 2—36489
semiconductor, transverse negative differential cond. possibility 2—32962
semiconductor, two-valley, negative differential cond., carrier redistrib. inertia 2—36483
semiconductor film, size-quantized, temp. depend. 2—4194
semiconductor layers, heterogeneous, four-probe method 2—6801
semiconductor resonant type current anomalies in high-field transport 2—32965
semiconductor switch, thin film, negative resist. and filamentary cond. 2—10079
semiconductors, amorphous, review 2—13203
semiconductors, det. at microwave frequencies 2—34239
semiconductors, glassy chalcogenide, standard state choice for physico-chemical studies 2—32966
semiconductors, hot electron transverse conductivity in quantizing magnetic fields 2—9995
semimetal, IV charact. kink 2—1505
sisal wax, rel. to suitability for electret preparation 2—29759
solder electroplated wire, characts. 2—6756
space charge limited current, large drift velocity 2—6709
space-charge-limited currents in presence of traps 2—22517
spinel ferrite, relaxation, cation distrib. reordering 2—10112
steel, austenite, carbide precipitation kinetics 2—32772
steel, effect of Ge content 2—36203
steel, Fe-Ni type, resist. change during maraging process 2—15915
steel, high-Cr, effect of N content 2—36156
steel, maraging, rel. to hardening mechanism 2—36217
steel, Mn, low C, temp. depend., rel. to phase transitions 2—1394
steel, pre-loaded, deform. kinetics during extension, changes in elec. resist. 2—39784
steel, quenched, martensite transformation, C interaction, temp. depend. 2—3927
steel, rhenium, quenching, martensitic transformation 2—3994
superconductors, h.f. residual surface resistance rel. to sound wave generation by incident e.m. radiation 2—19554
switching, differentiation between electronic and thermal 2—13216
synthetic metals based on graphite, electrical anisotropy 2—40171
TCNQ polymeric complex salts, factors affecting conductivity 2—25837
TCNQ salt, enhanced nuclear relaxation near Mott transition 2—33182
TCNQ salts, compactions 2—25833
TCNQ-NMP, metal-insulator transition 2—19657
Teflon, surface cond., water vapour adsorption depend. 2—39547
tetracene, film, pure and doped, bistable switching, metallic filament form. 2—16219
tetrolic acid, carrier injection 2—25847
thermophysical high temp. props., high speed meas. 2—19410
transition metal, high temp., deviation from linear law 2—1480
transition metal alloy, topologically close packed phases, band struct., elec. and mag. props. 2—35977
transition metal alloys, dil., impurity resist. and spin fluctuation temp. 2—16146
transition metal cpds., metal-insulator transition 2—13241
transition metal dil. alloys, resist. minima 2—16147
transition metal films, amorphous, annealing effects on resist. 2—15667
transition metal oxide, charge transport, review 2—9999

Conductivity, electrical continued
solids continued
transition metal phosphides, conduction process 2—4559
upper mantle, anomalies, geothermal interpretation 2—40899
zincblende-type, semimetal-semicond. transitions 2—19664
zirconia, solid electrolyte, n-type cond. 2—22542
AL-(Al_2O_3)-CdS-Al switching element, post-breakdown conduction mechanisms 2—19720
Ag-R dil. alloys, R=rare earth metal, resist., magnetoresist., thermopower, review 2—13110
Ag-Zn alloy, ordering in annealed alloy 2—3817
Ag, with O impurity, temp. depend. 2—40168
Ag film, polycryst., geometrical size effect 2—19542
Ag film grown in longit. elec. field, resist. 2—9953
Ag films, geom. size effect 2—1481
$AgGaS_2(Se_2)$, resist., annealing effects 2—40242
$AgInS_2(Se_2)$, resist., annealing effects 2—40242
$A^{III}B^{V}$ compound, film, prep. by crystalliz. of melt compressed between two backings 2—32975
Al-Al_2O_3-Au, diode, negative resistance and energetic electron processes 2—19725
Al-Al_2O_3-Au m.i.m. structure, electron emission, electroluminescence, I-V characts. 2—13290
Al-Cr(Mn) dil. alloys, supersaturated, resist. due to localized spin fluctuations 2—16140
Al-Cu-Cd(In) alloy, change during ageing 2—9755
Al-Cu alloy, study of ageing 2—25571
Al-Cu alloys, resist. peaks, rel. to precip. 2—9955
Al-Cu film, activation energy for electromigration 2—12797
Al-4%Cu alloy, reversion phenomena obs. 2—39885
Al-Cu(Mn)(Cr) dilute alloy, impurity resist., temp. depend. 2—40169
Al-Ge film, normal and supercond. states 2—32926
Al-In alloy, quenched, resist. transient, divacancy migration 2—9536
Al-M, M=Au, Cu, Mg, Zn, Ge, deviations from Matthiessen's rule 2—16141
Al-Mg-Li system, age hardening, precipitation 2—12954
Al-5.0 at%Ag-5.0 at%Zn, alloy, neutron irrad. rel. to precip. and G.P.zones, elec. resist. obs. 2—29418
Al-2.8 at%Zn-1.4 at%Mg, alloy, neutron irrad. rel. to precip. and G.P.zones, elec. resist. obs. 2—29418
Al-9%Mg alloy, rel. to effects of additional elements on ageing characts. 2—39904
Al-Mn dil. alloys, localized spin fluctuation effects on high temp. resist. 2—32916
Al-Zn, Al-Zn-M alloys, M=Be, Fe, Mn, Si, clustering and solute-vacancy interactions elec. resistivity obs. 2—32693
Al-Zn alloy, study of solvus curve of Guinier-Preston zones 2—29422
Al-Zn alloy, vacancy Zn atom pair binding energy, elec. resist. obs. 2—36017
Al-Zn based alloy, impurity-vacancy interaction, resistometric studies 2—9754
Al-Zr alloy, rel. to recovery and recrystallization after cold working at liq. N_2 temp. 2—15912
Al-transition metal, dil. alloys, temp. depend. impurity resist. 2—36442
Al-transition metal alloy, residual resistivity 2—25764
Al, AlMg, AlSi dil. alloys, hardening, vacancy-solute atom interaction 2—15749
Al, Matthiessen's rule deviations, magnetoresistance correls. 2—1482
Al, monovacancy resist., pseudopot. calc. 2—40120
Al alloy, duraluminium, rel. to hydrostatic pressure effects on ageing 2—15913
Al films, resist. variation on annealing 2—1659
AlCu, AlMgSi alloys, temper vacancy elimination, correl. with precipitation stages 2—15897
Al_2O_3, film, current transport mechanisms 2—13293
Al_2O_3, film, for gate insulation and passivation 2—1556
Al_2O_3, film, for gate insulation and passivation, Poole-Frenkel effect 2—1557
Al_2O_3, single crystal, pure and doped, interpretation of experimental data 2—1562
Al_2O_3 ceramics, production and applications 2—1552
Al_xO_y film, ion implanted 2—13111
Al_xO_y film, ion implanted 2—13111
α- alloy, resist. vs quenching temp. and isothermal annealing time 2—1346
As-Ge-Se glass, effect of low temp. annealing 2—36516
As-Te-I glass, comp. depend. thermal, structural and elec. props., comp. depend. 2—22526
As-Te, glass, switching processes 2—29658
As_2S_3-Sb_2S_3, hopping mechanism 2—36493
$As_2S_3Ag_x$, glass, $x<0.977$, transport mechanism, and memory effect 2—13217
$As_2(Se,Te)_3$, vitreous, semicond., annealing effects 2—40243
As_2Se_3, vitreous, temp. depend., 180-225°C 2—22527
As—Ge—Te, glassy system, variation with temperature 2—4151
Au-(15 wt.%)Ag alloy, static crowdion behaviour, resist. obs. 2—15754
Au-Ag alloy, short-range order formation, vacancy influence, elec. resistivity obs. 2—32596
Au-Si alloy, on Si substrate, rel. to Au-Si phase transformations 2—39991
Au-SiO films, cond. mechanism 2—12656
Au-V, dilute, low temp. resistivity rel. to simple powers of T in Kondo effect 2—29613
Au-15 at.%Ag alloy, rad. damage interpretation, ordering props., elec. resist. obs. 2—36009
Au, electroless deposit, resist. 2—3524
Au, temp. dependence of resistivity 2—22490
Au film, composite discontinuous, temp. depend. cond. 2—16142
Au film, discontinuous, resist., rel. to substrate absorpt. of O_2 2—40170
Au film, elec. resistance obs. 2—22488
Au film, on Si, temp. depend., rel. to possible cpd. form. 2—3493
Au film grown in longit. elec. field, resist. 2—9953
Au films, resist. and electromigration-induced failures 2—19544
Au_3Cu, during ordering 2—15979
β-B, rhombohedral, determ. of density of states, carrier density 2—22458
β-B, rhombohedral, trapping levels detn. 2—19665
BAs, resist., temp. depend. 2—15686
B_2O_3-SiO film, a.c. and d.c. cond., and e.s.r. obs. 2—40324
BO_3, ionic dissoc. energy, introduction to Walden's law 2—25912
BP, single cryst., refractory semicond., grown from B-Ni-P soln. 2—9358
$BaBiO_3$, semiconductor, temp. depend. of resist. 2—4206
Ba_2MReO_6, ordered perovskite. M=Mn, Fe, Co, Ni, Mg and Y 2—22691

Conductivity, electrical continued
  solids continued
    BaO, temp. depend. 2—29659
    $BaTiO_3$:Nb, rel. to prep. of small and large grained materials 2—3968
    $BaTiO_3$, moisture and ageing effects 2—16286
    $BaTiO_3$, polycryst. nonstoich., n-p type transition, O_2 partial pressure depend. 2—13218
    $BaTiO_3$, semiconductor, positive temperature coefficient of resistance Nb_2O_5 and MnO_2 additives effect 2—36494
    $BaTiO_3$, Ti-rich, rel. to defect struct. determ. 2—15751
    $BaTiO_3$ film, r.f. sputtered 2—40347
    BeO-Cu_2O_2 ceramics, effect of temperature and sintering pressure 2—6753
    BeO-Fe_3O_4 ceramics, effect of temperature and sintering pressure 2—6753
    BeO, transport number exam., rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2—4274
    Bi-Sb alloy, transport phenomena 2—3954
    Bi-Sb alloy, transport properties 2—29660
    Bi-Sb alloys, resist., press. influence 2—32968
    Bi-Sn alloy, metastable phase BiSn formation under pressure, kinetics, Mossbauer obs. 2—9794
    Bi, rel. to pressure-temp. phase diagram at low temp. 2—25619
    Bi film, quantum size effect 2—25765
    $BiRhO_{3\|x}$ system, sintered sample, resistivity obs. rel. to pyrochlore and perovskite prep. 2—25242
    $Bi_2Ru(Ir)_2O_7$, rel. to electronic characterization 2—10076
    Bi_2S_3-Sb_2Se_3 film, sp resist., photoelec, props. 2—36607
    $Bi_{1-x}Sb_x$ alloys, metal-semicond. transitions under press. 2—6810
    p-$Bi_{0.5}Sb_{1.5}Te_{3-x}Se_x$ solid solutions, x=0 to 0.6, influence of internal conductivity on properties 2—29762
    Bi_2Te_3-Bi_2Se_3 alloy, n-type semicond., rel. to thermoelec. props. 2—36605
    Bi_2Te_3-Sb_2Te_3-Sb_2Se_3 alloy, p-type semicond., rel. to thermoelec. props. 2—36605
    $Bi_4Ti_3O_{12}$, ferroelec., intrinsic switching 2—29756
    C, amorphous, switching phenomena 2—32969
    C, amorphous film, rel. to conduction mechanisms 2—13221
    C, amorphous film, tunnelling between localized states 2—13222
    C, pyrolytic, neutron irrad., effect of annealing 2—3757
    C, pyrolytic graphite, c-axis conductivity, detailed interpretation 2—36486
    C fibre, obtained by thermal decomp. of vaporized hydrocarbon 2—36265
    C fibre, polyacrylonitrile-based, resist. 2—13266
    C fibre, pyrolytic graphite coating effect on resistivity 2—25610
    C graphite, polycrystalline, at high temps. 2—6693
    CO film thickness and annealing temp. depend., and electron m.f.p. calcs. 2—6349
    Ca, press. depend. 2—1463
    $CaCrO_3$, metallic, discontinuity at 90K 2—4407
    CaF_2:Ho^{3+},Nd^{3+}, irrad. effects on resist. 2—10007
    CaO-MnO-SiO_2 glass, comp. and temp. depend. 2—36579
    CaO, transport number exam., rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2—4274
    $Ca_xSr_{1-x}O$ solid solns., exposure to Ba vapour influence 2—6915
    $CaVO_3$ metallic, in perovskite-type metavanadates 2—3740
    Cd_3-As_2-Zn_3P_2 solid solution, semiconducting props., 300-800K 2—19656
    Cd-Mn extremely dil. alloy, temp. depend., 0.4-30 K, Kondo system model 2—16148
    Cd, anisotropic resistivity, Ziman Baym theory calc. 2—9957
    Cd, cold working, defect production and recovery, 77K 2—25411
    Cd, hardening at 4 K, vacancies and impurities 2—15753
    Cd, low temp. electron irrad. damage and recovery study 2—39669
    Cd, plastically deformed, recovery and supercond. crit. temp 2—19559
    Cd, quenched, recovery spectrum on annealing 2—36201
    Cd film, recrystallization, electron microscopy 2—18934
    Cd_3As_2, cryst. platelets, growth, resist. 2—40274
    $CdGeP_2$, glassy, 450-860K 2—36498
    $CdIn_2S_4$(:Sb), temp. depend., 200-500K 2—22529
    $CdIn_2S_4$, Hall mobility, photocond., stoichiometry effect 2—10008
    CdO-Bi_2O_3 system, temp. depend. 2—1511
    p-CdP_2, forbidden band width, acceptor level depth, and compensation detn. 2—40248
    CdS:Ag:Cl, residual cond., model 2—4208
    CdS-S solid solution, photoelectret state formation and high photosensitivity and resistivity obs. 2—36603
    CdS, change in properties during passage of double-injection currents 2—40245
    CdS, effect of chemisorbed oxygen 2—18956
    CdS, effect of oxygen chemisorption 2—32974
    CdS, elec. props. rel. to growth conditions 2—19636
    CdS, electron conc. and mobility determ. 2—10010
    CdS, ion implantation, piezoelectric surface wave amplifier formation 2—29190
    CdS, off-axis domain formation and current anomaly 2—40246
    CdS, rel. to oxygen chemisorption studies 2—29061
    CdS film, epitaxially grown, resist. 2—39535
    CdS film, He ion bombarded 2—40247
    CdS film, vacuum evaporated, resist. 2—36492
    CdS thin film, u.h.v. chamber for obs. 2—23204
    CdSb:Ag(Ge)(Te), temp. depend. 2—36046
    CdSb:Te, Hg(In), influence of double doping 2—36499
    CdSb, temp. depend., rel. to band struct. 2—29662
    CdSe:Cl, pressed powder, nonlinear current-voltage curve, interparticle contact depend. 2—4211
    CdSe, high temp., in Se atmosphere 2—32973
    CdSe, photoelectronic props. of electronically active defects 2—13338
    CdSe thin film, cond. mechanism, effect of annealing 2—10011
    CdTe:Cd, film, annealed in Cd vapour, elec. cond. rel. to annealing temp. 2—29663
    CdTe, compensation determ. rel. to purification by vertical zone melting 2—35950
    CdTe, donor-Cd vacancy complexes, annealing effects 2—36535
    CdTe, rel. to influence of optical phonons 2—25943
    $CdTl_{0.8}As_2$, glassy, cond. mechanism and band gap 2—19637
    $Cd_{1-x}Zn_xSb$, temp. dependence thermoelectric power and resistivity 2—4210
    Ce intermetallic compounds, low-temperature resistivity meas. interpreted in terms of Kondo effect 2—40167
    CeAg, divergent mag. coeff. of resist. at T_c 2—6758
    $CeAl_{2(3)}$, resist. temp. depend., localized spin fluctuations model 2—40405
    CeN, elec. resistivity, congruent melting point and decomposition pressure 2—18878

Conductivity, electrical continued
  solids continued
    Co-M dilute alloys, M=Os, Ru, Ir, Fe, Re, Cr, resistivity origin, spin-disorder effects 2—16364
    Co-Ni-Ti alloy, decomposition, modulated struct. 2—9467
    Co, resist., 90 to 1250K 2—19454
    CoAl, Hall effect, thermo-emf 2—6760
    $CoAl_2O_4$, drift mobility and activation energy, small polaron model 2—25814
    $CoFe_2O_4$, spinel, relaxation of conductivity 2—19533
    CoO, high temp., rel. to defect struct. 2—36501
    CoO, rel. to hole drift mobility at high temp. 2—13226
    CoO, undoped and Cr or Ti-doped, 988-1280°C 2—36502
    Co_9S_8, metallic character, Pauli paramag., thermoelec. power, Mossbauer effect 2—25766
    Co_2Si, physical props., 10-350K 2—40141
    Cr-Ir dil. alloys, resist. anomalies, rel. to mag. props. 2—40546
    Cr-Ti dilute alloys, determ. resistivity between 320 and 4.2K 2—10237
    Cr-W alloy, resistivity rel. to para-antiferromag. transition 2—13415
    Cr, anisotropic resistivity, crit. exponent in vicinity of Neel temp. 2—25767
    Cr, Lorenz number behaviour at Neel temp. 2—36366
    Cr, resist., rel. to Neel temp. depression due to impurities 2—19923
    Cr film, discontinuous on dielec. substrate, electron cond., resist. coeff., 130-300K 2—40180
    Cr film, plastic film substrate, r.f. sputtered, sheet resistivity 2—39504
    CrB_2, resist. obs. of mag. props. 2—33171
    CrNi film, sputtered, resist., resist. temp. coeff. 2—39505
    Cr_2S_3, rel. to deviation from stoichiometry 2—40522
    $CrTaO_4$-TiO_2 solid solution, temp. and comp. depend. 2—1224
    Cs, use in thermal cond. evaluation 2—29567
    Cu-Al alloy, effect of deform. and annealing temp. 2—12888
    Cu-Al(Cr) alloy, second phase formation and solution kinetics 2—29428
    Cu-Al_2O_3, microstructure, obs. 2—39913
    Cu-Au alloy, neutron irradiated, deviations from Matthiessen's rule 2—16144
    Cu-Be alloys, changes in resistivity during high temperature neutron irradiation 2—29166
    Cu-Be alloys, meas. for ageing characts. under neutron irradiation, 100-160°C 2—39905
    Cu-Be alloys, resist., 1000 to 1200K 2—19456
    Cu-Cd ferrite, mag. transition influence 2—6983
    Cu-Cr dil. alloy, cold-drawn, annealing effects 2—36197
    Cu-Fe, dilute, low temp. elec. resistivity rel. to simple powers of T in Kondo effect 2—29614
    Cu-Fe dil. alloys, resist., press. effect 2—19545
    Cu-Ni-Mn dil. alloys, resist. minima 2—1484
    Cu-Ni-Si-Mg(Cr) alloy, cold working rel. to age hardening behaviour 2—32706
    Cu-Ni-Zn alloy, influence of low temp. deform. 2—25641
    Cu-Ni alloys, resistivity changes arising from cyclic deformation 2—15905
    Cu, conductors at cryogenic temps. 2—40173
    Cu, dispersion strengthened, temp. depend. 2—9684
    Cu, elastoresistivity, neutron irradiation effect, 20K 2—25371
    Cu, electron irrad., lattice parameter/resistivity change ratio depend. on defect conc. 2—15740
    Cu, high purity, recovery after plastic deform., deviation from Matthiessen's rule 2—25579
    Cu, influence of impurities 2—37047
    Cu, powder, sintered, elec. resist. data 2—22346
    Cu, resistance obs. by impulse method 2—22487
    Cu, temp. dependence of resistivity 2—22490
    Cu alloy, effect of Zr alloying addition 2—9715
    Cu complexes, chelates with various organic molecules 2—26940
    Cu film, electroplated and vapour deposited, rel. to structure 2—22072
    Cu film, thin, absorbed Ar effects obs., at 10^{-6} torr pressures 2—1485
    $CuAlS_2(Se_2)$, resist., annealing effects 2—40242
    Cu_3As, prep. and props. 2—1409
    Cu_3Au:Fe alloy, atom ordering and electron struct. 2—9921
    $CuGaS_2(Se_2)$, resist., annealing effects 2—40242
    $CuInS_2(Se_2)$, resist., annealing effects 2—40242
    $Cu_2In_4Te_7$, defect. phase semicond., prep. and props. 2—25807
    Cu_3LnTe_3(Ln=Sm, Gd, Dy, Yb, Y) 2—36230
    $Cu_{0.75}Ni_{0.25}Fe_2O_4$, temp. depend. 2—1513
    Cu_2NiSn-Mn alloy, Heusler type, s-d exchange energy, elec. cond. obs. 2—22674
    CuO_2, semicond., adsorpt, effects 2—22796
    Cu_2O, illum. effects, electron trapping, photomemory effect 2—40276
    Cu_2O, temp. depend., effect of surrounding atm. and impurities 2—4212
    CuP_2, chemically deposited 2—29094
    Cu_xS, (x = 1.85-2.0), temp. depend. 2—13228
    $Cu_{2-x}Se$, cubic, room temp. stable, composition dependence 2—36503
    Er, magnetic component of resist. 2—6759
    EuO, correl. with i.r. absorpt. and stoichiometry 2—32786
    EuO, insulator-metal transition rel. to long range mag. order 2—36529
    EuO, mechanisms 2—19639
    EuO films, resist. temp. depend., spin flip scatt. 2—36504
    EuTe, resist., rel. to mag. ordering 2—29665
    Fe-C alloy, rel. to precipitation under nonisothermal conditions 2—9811
    Fe-C alloy, second phase formation and solution kinetics 2—29428
    Fe-Cr spinels, resistivity, temp. dependence 2—1476
    Fe-Mn alloy, shock deformed, recovery, role of point defects 2—9653
    Fe-Mo-C, steel, martensite, secondary hardening during ageing, elec. resist. meas. 2—29398
    Fe-Ni-Co-Mo, steel, rel. to pre-precipitation and reversion 2—9809
    Fe-Ni alloy, effect of plastic deform. 2—22492
    Fe-P-B alloy, amorphous ferromagnetic, splat cooling prep. 2—10211
    Fe-Ti alloy, elec. resist., resist. minimum, 4.2-300 K 2—22491
    $(Fe,Ni)_9S_8$, metallic character, Pauli paramag., thermoelec. power, Mossbauer effect 2—25766
    Fe, Armco, effect of plastic deform. 2—22492
    Fe, carbonyl, annealing, deformation, H permeability, 100-650°C 2—29218
    Fe, change in resistivity, following plastic deformation 2—3865
    Fe, high temp. cond. and density of states model 2—40174
    Fe, polycrystalline, temp. depend., 4-300K 2—29617
    FeAl, Hall effect, thermo-emf 2—6760
    $FeCr_2S_4$, ferrimag., rel. to spin disorder scatt. 2—32977
    $FeIn_2S_4$, $FeIn_2S_{4-x}Se_x$, prep., mag. props. 2—29800
    Fe_3O_4, hopping model interpet. of Mossbauer spectra 2—36839

Conductivity, electrical continued
- **solids** continued
  - Fe_3O_4, magnetite, cond. above Verwey transition 2—36505
  - Fe_3O_4, magnetite, Verwey temp. phenomena 2—19640
  - FeP_2 single crystals, prepared by chemical transport reaction, resistivity meas. 2—29798
  - FeRhIr alloy, rel. to magnetic transitions 2—4374
  - FeS_2, temp. depend., low temp. photocond. 2—4300
  - $FeTaO_4$-TiO_2 solid solution, temp. and comp. depend. 2—1224
  - $FeTiO_3$, temperature variations 2—40249
  - Ga, Lorenz no., temp. independence 2—40091
  - Ga film, rel. to adsorpt. of O_2, Hg and water vapour 2—39511
  - GaAs:Cd, ion implanted, effect of annealing 2—9521
  - p-GaAs-n-ZnSe diode, I-V characts., junction capacitance, optical collection efficiency 2—25894
  - n-GaAs, arsenic implantation effects 2—25846
  - GaAs, epitaxial layers, measurement by four probe method 2—29696
  - n-GaAs, evaporated film, resistivity vs. temp. meas. in electronic transport props. determ. 2—40244
  - n-GaAs, heavily doped, resist. temp. depend. 2—13230
  - GaAs, high press. effects, 286-573K 2—36506
  - GaAs, high voltage microwave e.m.f. 2—29668
  - GaAs, ion implantation, piezoelectric surface wave amplifier formation 2—29190
  - n-GaAs, ionization inhomogeneities in S-type characteristics 2—25817
  - GaAs, l.f. current pulses 2—19642
  - n-GaAs, negative resist. in strong microwave field 2—6813
  - n-GaAs, negative resist. via transferred electron effect 2—19643
  - GaAs, single crystal, Cd^+, Te^+ implanted, effect of implanting into substrate heated to 180°C 2—25804
  - n-GaAs, velocity-field characts. at low temps. 2—29672
  - GaAs epitaxial film, effect of prep. conditions 2—35894
  - GaAs epitaxial film, r.f. sputtered 2—29047
  - n-GaAs epitaxial films, temp. depend. 2—6812
  - GaAs epitaxial layers, series resist. effects on doping study by Schottky contact method 2—25431
  - n-GaAs films, field and temp. depend. 2—6814
  - GaAs nonrectifying contacts dependence of resistance on frequency and density of current 2—19718
  - GaAs solar cell, photoluminesc. spectra, current-voltage characts., impurity influence 2—21012
  - $Ga_{0.12}As_2Se_{3-x}Te_x$, glassy, I-V characts., chem. comp. influence, switching 2—13229
  - GaN film, r.f. sputtered 2—18937
  - GaP:Te, Zn, epitaxial single cryst., Hall mobility and resistivity obs. 2—40255
  - n-GaS, hopping cond. 2—13231
  - GaS, n- and p-type, band scheme from dark cond. obs. 2—29669
  - GaS crystal, dark cond., temp. depend. 2—25818
  - GaSb:Te, conduction band detn. 2—4225
  - GaSb:Te, Hall coeff., mobility, and resistivity, from thermal cond. data 2—22532
  - GaSb:Te(Zn), carrier conc. and temp. effects 2—29666
  - GaSe, layer semicond., elec. and optical props. 2—10016
  - GaSe, layered, resist. changes due to decomp., switching effects 2—32991
  - Ga_2Te_3, impurity conc. and temp. depend. 2—10014
  - Gd-Y alloys, resist., 20 to 450 K 2—6975
  - Gd, polycryst., temp. depend., from optical consts. in i.r. range 2—19960
  - Ge:As, impurity cond., rel. to e.s.r. line narrowing mechanism 2—26279
  - Ge:B, Ga, P, As ion implanted, sheet resistivity 2—25859
  - p-Ge:Cu, impurity compensation effect on props. under press. 2—19687
  - Ge:Hg, grown by gas transport, specific resist. 2—29095
  - Ge:P, γ-irrad., n-p conversion due to impurity-vacancy complex form. 2—15741
  - Ge-Se-In system, cryst. samples, switching phenomena 2—25822
  - Ge-Se-Te glass, temp. depend. 2—35846
  - Ge-Si alloys, heavily doped, resistivity, electron scatt. by phonon, acoustic and ionized impurity modes 2—32982
  - Ge-Si solid soln., forbidden band width determ., 900-1200K 2—22559
  - Ge, amorphous film, effects of reactor irradiation 2—4232
  - Ge, amorphous film, electrode effects 2—10066
  - Ge, amorphous film, extrinsic and hopping, thermoelectric obs. 2—10069
  - Ge, amorphous film, transport props. and related optical and structural props. 2—13273
  - Ge, amorphous in m.o.s. struct., tunnel conductance 2—13298
  - n-Ge, current carriers, dislocations effect, 77-300K 2—22564
  - n-Ge, current oscillations, low temp. 2—25852
  - Ge, dielec.- metal transition, excitons, photocond. 2—16235
  - Ge, doped 1.3-4.2K 2—40287
  - Ge, electron irrad., influence of temp. 2—19685
  - n-Ge, high-field non-equiv. intervalley scatt. effects 2—13272
  - Ge, irrad. induced defect obs. 2—12749
  - Ge, metallic to semicond. transition assoc. with amorphous to crystn. transition, review 2—13238
  - Ge, photo-effect on sheet cond. along grain boundary 2—4302
  - n-Ge, saturation stressed degenerately doped, longitudinal resistivity and Hall effect 2—22562
  - n-Ge, screw dislocations contrib. 2—10064
  - Ge, switching, rel. to crystn. 2—33014
  - Ge amorphous search for anisotropy in low field and high-field resistivity 2—25856
  - Ge epitaxial film, on GaAs substrate 2—10067
  - Ge film, amorphous, elec. resist. 2—40286
  - Ge film, obliquely deposited, photovoltage and resistance obs. 2—36616
  - Ge film, on Ge and sapphire substrate, rel. to crystalline struct. 2—36542
  - Ge_xSe_{1-x} glass 2—1516
  - GeTe-$AgSbTe_2$, rel. to band gap width dependence on composition 2—32999
  - GeTe film, amorphous to polycrystalline phase transition kinetics rel. to switching 2—40256
  - Ge_xTe_{1-x} glass 2—1516
  - Hf, temp. dependence at high temps. including β phase and thermal effects of $\alpha \to \beta$ transformation 2—29552
  - HfO_2, rel. to electron hole mobility 2—10017
  - $Hf_yTa_{1-y}N_x$ film, sputtered, comp. depend. 2—9277
  - p-$Hg_{1-x}Cd_xTe$, press. depend., 4.2 and 77K 2—32983
  - HgS_xSe_{1-x}, temp. depend. 2—13233
  - HgSe, effect of annealing in Se on stoichiometry 2—25442
  - In, plastically deformed, recovery and supercond. crit. temp. 2—19559
  - InAs, sputtered film, thickness depend. 2—10023

Conductivity, electrical continued
- **solids** continued
  - p-InAs surface, clean cleaved, anomalous magnetoresist., <4.2K 2—10019
  - InN film, r.f. sputtered 2—18937
  - n-InP:Cu, l.f. current oscill., bulk negative resist., electron transfer, trapping 2—22538
  - n-InP, velocity-field characteristic, microwave measurement 2—32984
  - n-InP, velocity-field charact. for electrons 2—19648
  - n-InSb, bulk negative differential cond. 2—19627
  - n-InSb, cond. in Wigner lattice in mag. field 2—13236
  - p-InSb, irrad., defects influence 2—6819
  - n-InSb, nonlinear oscillations 2—6817
  - n- InSb d.c. field-induced anisotropy of microwave cond. 2—13234
  - In_2Te_3, impurity conc. and temp. depend. 2—10014
  - Ir, and Ir-La alloy, temp. depend. 2—29618
  - K, low temp. resistivity, Bloch T^5 law failure 2—16145
  - K, resist., low temp. pure and impure cryst. 2—4158
  - K, resistivity below 4.2 K 2—4157
  - K, use in thermal cond. evaluation 2—29567
  - K complex, $K_2Pt(Cn)_4X_{0.3}.2.6H_2O$, (X=Cl, Br), determ. from visible and i.r. refl. 2—19546
  - KCl, pure and Pb-doped, X-irrad., rel. to F-centre accumulation kinetics 2—36069
  - KCl, pure and Pb-doped X-irrad., rel. to F-centre accumulation kinetics 2—36070
  - KI:Pd, rel. to impurity state and e.s.r. obs. 2—4541
  - KI, X-irradiated, rel. to role of Auger effect in thermostimulated phenomena 2—33323
  - KNO_3, thermal transform. obs. 2—32773
  - $K_2Pt(CN)_4Br_{0.3}.(H_2O)_n$, one-dimens. metallic behaviour confirmation by far-i.r. refl. 2—33241
  - La-Ce alloy, high press. elec. resist. rel. to phase transform. 2—32775
  - $LaSn_{3-x}In_x$, resist., 1.5 to 300 K, electronic struct. obs. 2—32919
  - Li, const. vol. resist., high temp. 2—1455
  - $Li_{0.5}Fe_{2.5}O_4$, ferrite cond. mechanism, 300-550 K 2—19649
  - LiH, temp. depend. 2—6905
  - $LiNbO_3$, ferroelec., intrinsic and impurity cond. 2—1518
  - $LiNbO_3$, nonstoichiometric, defect study 2—19083
  - $LiNbO_3$, temp. and freq. depend. 2—1571
  - LiO_2-BaO-Al_2O_3-SiO_2 system, phase equilib., specific vol. resist., permittivity, dielec. losses 2—16266
  - Mg, cold working, defect production and recovery, 77K 2—25411
  - Mg alloy, residual resist., calc. by Srivastava-Sharma pseudopot. and Ashcroft pseudopot. 2—40177
  - $MgFe_2O_4$, effect of rare earth ion substitution 2—13412
  - $MgFe_2O_4$, spinel, relaxation of conductivity 2—19533
  - MgO, containing LiF, temp. depend. 2—36210
  - MgO, irrad., trapping centres, TSC obs. 2—40281
  - MgO, rel. to oxygen press., 500 to 1800 K 2—1563
  - MgO, transport number exam., rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2—4274
  - Mn-Cr(Fe)(Ru)(V) dil. alloys, complex mag. interactions, resist. obs. 2—40561
  - Mn_3B_4, resist. studies of mag. transition phenomena 2—1643
  - $Mn_{1-x}Cr_x(Fe_x)Si_{1.7}$ solid solns., conc. depend. 2—10024
  - $MnFe_2O_4$, spinel, relaxation of conductivity 2—19533
  - $Mn_xFe_{3-x}O_4$ film, ferrite 2—19907
  - $MnIn_2S_4$, $Mn_2S_{4-x}Se_x$, prep., mag. props. 2—29800
  - $MnIn_2S_4$, $MnIn_2S_{4-x}Se_x$, prep., mag. props. 2—29800
  - MnO, rel. to hole drift mobility at high temp. 2—13226
  - MnO, single cryst., nonstoich. disorder 2—1519
  - $MnSi_{2-x}$, x=0.25-0.28, cond. mechanism, thermoelec. power calc. 2—40261
  - Mo, film, on thermally oxidized Si, resistivity 2—12660
  - Mo, neutron irrad. and cold worked high temp. recovery 2—15743
  - Mo, single crystal, at high temps. 2—6750
  - Mo film, discontinuous, r.f. cond., oxidation and chemisorpt. of O_2 effects 2—40178
  - MoO_3:Ni, temp. and oxygen press. depend. 2—10026
  - MoO_3, resist. response to hydrogen in air 2—26380
  - MoS_2, anisotropic layer structures 2—1477
  - MoS_2, molybdenite, semiconducting props. 2—36513
  - Na-Rb alloys, liquid, electrotransport obs. 2—25104
  - Na, low temp. resistivity, Bloch T^5 law failure 2—16145
  - Na, near melting pt. behaviour 2—16070
  - Na, resist., 40 to 360K 2—19463
  - Na, resistivity, low temp. region, application of local corrections to electron phonon interaction 2—1456
  - $NaClO_3$, single crystals, 100-250C, effect of cation impurity 2—1478
  - Na_2O-Al_2O_3-SiO_2 glass, d.c. cond., temp. depend. 2—29742
  - $Na_4W_{14}O_{23}$, triclinic sodium tungsten bronze 2—9481
  - Nb-C solid soln., C solubility, elec. resist. obs., 1500-2150°C 2—32718
  - Nb-H alloy, effects of plastic deformation 2—39935
  - Nb, during carburization, kinetics study 2—26340
  - Nb, high-speed (subsecond) measurement of resistivity, 1500-2700K 2—40076
  - Nb, work hardened, interstitial diffusion, annealing temp. depend. 2—15910
  - Nb solid solution with dissolved O_2 and N_2, resist., hardness 2—3942
  - Nb. during carburization, kinetics study 2—26341
  - Nd-Bi alloy, temp. and comp. depend. 2—1413
  - $NdCo_2$, 8-300K rel. to ht. capacity obs. of mag. transitions 2—19869
  - Ni-Cr-Mo powder alloy, effect of heat treatment 2—19280
  - Ni-Cr alloy, 1000-1350°C, degree of ionization and electrotransport phenomena 2—40179
  - Ni-Cr alloys, plastically deformed, recovery 2—36120
  - Ni-Cr elec. resist. heating alloys, and lifecycle, added elements effects 2—32732
  - Ni-Cr thin films, thickness and comp. depend. 2—32373
  - Ni-Cr(Fe) alloys, dil., two-current cond. processes and spin mixing 2—1486
  - Ni-Fe-Nb alloys, electrical resistivity, magnetic properties and hardness 2—4372
  - Ni-Fe-Ti, alloy, and mag. props., hardness 2—29812
  - Ni-Fe invar alloys, resistivity meas. in 1.5-125 K range, result, interpreted in weak ferromagnetic band model 2—36440
  - Ni-(20.5wt.%)Mn alloy, mag. permeability, elec. props., homogenizing treatment effect 2—13399
  - Ni-Mo powder alloy, effect of heat treatment 2—19280

- **Conductivity, electrical** continued
  - **solids** continued
    - Ni-Nb alloy, resist., rel. to nucleation of long range order 2—12972
    - Ni-P films, struct. transform. correl. and annealing effects 2—15969
    - Ni-Pt-P-Cr alloys, amorphous, resist., temp. depend. 2—6761
    - Ni-Rh alloys, resist., giant mag. polarization clouds 2—22493
    - Ni-Ta alloy, rel. to Ni_8Ta nucleation 2—15970
    - Ni, effect of plastic deform. 2—22492
    - Ni, giant laser pulse irrad. effects 2—9533
    - Ni, plastically deformed, recovery 2—36120
    - Ni, porosity effect 2—19464
    - Ni, powder and foil, rel to H_2 effect on crystal imperfection 2—15941
    - Ni, thickness dependence of the thermopower and temperature resistance coefficient 2—6892
    - Ni base alloys, Ni_8X, X=combinations of V, Nb, Ta, order-disorder reactions, elec. resist. obs. 2—13007
    - Ni film, discontinuous, on dielec. substrate, electron cond., resist. coeff., 130-300K 2—40180
    - Ni film, resist., spontaneous evolution 2—9958
    - NiAl, Hall effect, thermo-emf 2—6760
    - Ni_3Al, low temp. resist. 2—40095
    - NiCr, amorphous thin film, occurrence of e minimum in the electrical resistance meas. between 42 K and room temp. 2—13107
    - Ni_3Fe alloy, correl. with short range order 2—25601
    - $NiIn_2S_4$, $NiIn_2S_{4-x}Se_x$, prep., mag. props. 2—29800
    - NiMn ferrites, anomaly in resistivity-temperature characteristics in Curie-point region 2—19534
    - Ni_3Mn, alloy, annealed, rel. to ordering during loading 2—15971
    - NiO, rel. to hole drift mobility at high temp. 2—13226
    - NiS, metal-insulator paramag.-antiferromag. transition 2—16349
    - NiS, metal-nonmetal transition 2—19515
    - Ni_2Si, physical props., 10-350K 2—40141
    - NiTe, polycrystalline thin films, resistivity, resistance variation with temp. 2—1520
    - Os, and Os-Th alloy, temp. depend. 2—29618
    - Pb, Pb/Xe, Pb/SF_6, films, rel. to SF_6^- conduction mechanism 2—20173
    - Pb, plastically deformed, recovery and supercond. crit. temp. 2—19559
    - Pb, resistance obs. by impulse method 2—22487
    - $Pb_{1-x}Mn_xTe$ solid soln., density-of-states effective mass determ., 120K 2—22539
    - PbO:Bi, ionic and electronic, 773-1073K 2—22612
    - PbO, film, reactively sputtered, comparison of α- and β-type 2—4215
    - PbSe-SnSe, rel. to constitution diagram 2—1351
    - $Pb_{1-x}Sn_xSe$, evidence for band-inversion model 2—25825
    - $Pb_{0.76}Sn_{0.24}Te$, p-type to n-type conversion, by proton bombardment 2—36514
    - PbTe, containing impurities, homogeneity study 2—36035
    - $PbZrO_3$, semicond., temp. depend. 2—25948
    - $Pb(Zr_{1-x}Ti_x)O_3$:Nb_2O_5, rel. to oxygen activity and Ti conc. 2—4275
    - $Pb(Zr_{0.65}Ti_{0.35})O_3$ with Nb_2O_5, oxygen depleted surface layers, ferroelec. field effect 2—40357
    - $Pb(Zr.Ti)O_3$, ceramic, mech. quality factor rel. to specific resist. 2—13325
    - Pd-Ag-H system, 25°C, H_2 press. depend. 2—25769
    - Pd-Fe alloys, resist. temp. depend., mag. component 2—40181
    - Pd-Fe dil. alloy, low temp. resist. and large mag. scatt. 2—9959
    - Pd-Ni-P alloy, amorphous, elec. resist., temp. coeff., rel. to P content, 4.2-300 K 2—40182
    - Pd-Ni alloy, temp. and comp. effects 2—22494
    - Pd-Ni alloys, resist., rel. to paramag.-ferromag. transition 2—1606
    - $(Pd_{60-x}$-Pt_x-$Ni_{40})_{75}$-P_{25} alloy, 1.2-300 K 2—19550
    - Pd-Pt alloys, low temp. resist. 2—19551
    - Pd-Rh(Ru)dil. alloys, resist. minima 2—16147
    - Pd-Si:Fe, Cr, elec. resistivity, rel. to Kondo effect 2—25768
    - Pd, resistivity meas. from 90-1300 K in two exptl. systems, result, analysed in simple two-band model 2—36367
    - Pd film, discontinuous, on dielec. substrate, electron cond., resist. coeff., 130-300K 2—40180
    - $Pd_{81.8}Si_{18.2}$, amorphous, isothermal resistance rel. to recrystallization 2—15972
    - Pt-Au films on porous ceramics rel. to prep. technique 2—1182
    - Pt-Fe dil. alloys, spin fluctuation effects in resist. 2—36445
    - Pt film, discontinuous, on dielec. substrate, electron cond., resist. coeff., 130-300K 2—40180
    - Pt film grown in longit. elec. field, resist. 2—9953
    - Pt square planar complex, conduction mechanisms 2—36523
    - PtSi-Si-PtSi, m.s.m. struct., current transport 2—10096
    - Rb, use in thermal cond. evaluation 2—29567
    - $RbAg_4I_5$, press. effects, elec. resist., press. to 100 kbar, 293-453K 2—36285
    - Re, and Re-Th alloy, temp. depend. 2—29618
    - $Re_{1\pm x}O_3$, nonstoichiometric phase in high press. Re-O system, characterization 2—25346
    - Rh-0.5 wt.%Fe alloy, resist., localized spin fluctuations6763 2—6763
    - Rh, resist. anomaly due to dil. mag. impurities 2—25770
    - Rh film, discontinuous, on dielec. substrate, electron cond., resist. coeff., 130-300K 2—40180
    - Rh_7B_3 and $RhB_{1.1}$, temp. depend. 2—1404
    - Sb-Ge-Se glass, effect of low temp. annealing 2—36516
    - Sb, damping of Shubnikov de Haas oscills. and Landau level width 2—25755
    - Sb, temp. variation above 4.2K 2—36446
    - SbSI, ferroelec., space charge limited, influence on switching behaviour 2—29755
    - Sb_2Te_3:I, effect of impurity content 2—19651
    - Sc_3In, resist., 0.5 to 19 K 2—40492
    - Se:Tl, trigonal crystal grown by travelling solvent method 2—40263
    - Se-Sb, metallic to semicond. transition assoc. with amorphous to crystn. transition, review 2—13238
    - Se, bulk crystallized, memory switching, amorphous layer formation 2—16212
    - Se, neutron irrad. effects 2—6823
    - Se, single cryst. film, Cd, Te electrodes, space charge limited current 2—10031
    - p-Se, trigonal single cryst., barrier limited conduction mechanism 2—10030
    - Se amorphous film, temp. depend. and mechanism 2—25826
    - Se film, polarized memory effect 2—32988
    - Se film, recrystallization, electron microscopy 2—18934
    - Se_xTe_{1-x}, single cryst., piezoresistivity 2—4216
    - Si:Au, impedance and g-r noise under space-charge conditions 2—22567
- **Conductivity, electrical** continued
  - **solids** continued
    - Si:B, acceptor impurity removal effects 2—22178
    - p- Si:B, subthreshold electron irrad. effects 2—12752
    - Si:B,Au electron irrad., annealing, Hall effect 2—10070
    - Si:B implanted, annealing behaviour 2—33016
    - Si:Fe, donor level obs. 2—1533
    - Si:In, implanted, 100-278 K 2—6852
    - Si:In ion implanted, mobility, resistivity, and carrier conc. 2—25871
    - Si:In ion implanted, rel. to impurity ionization energy 2—25872
    - Si:Li,B, ion pairing and ground state degeneracy, resistivity and Hall effect obs. 2—36053
    - p-Si:N ion implanted at cryogenic temps., elec. props. 2—25430
    - Si:N ion implanted buried layer, electrical properties 2—25440
    - Si:P ion implanted, sheet resistivity rel. to deep localized levels 2—25870
    - Si:P ion implanted, sheet resistivity, rel to profile and elec. activity of implanted ions 2—25866
    - Si/spinel, heteroepitaxial, carrier recomb. and trapping, transient response to elec. irrad. 2—25860
    - Si-Fe p-n junction, switching behaviour, lifetime and photoeffect obs. 2—33029
    - Si, amorphous, band tail model 2—13275
    - Si, amorphous, tunneling into m.o.s. struct. 2—13298
    - n-Si, bulk negative differential cond. 2—25863
    - n-Si, current oscillations 2—4240
    - Si, double injection and space charge currents, illumin. effects 2—22569
    - Si, electron irrad., low temp. a/c. hopping cond. 2—29170
    - Si, ion implanted, defect study 2—22181
    - Si, ion implanted, thermally stimulated, defect energy levels detn. 2—25865
    - n-Si, lightly doped, negative differential cond. and current oscillations 2—22571
    - Si, n-type, negative differential resist. at low temp. and high stress 2—16242
    - p-Si, negative differential resist. 2—19691
    - Si, specific resistance homogeneity det. by photoconductivity meas. at two modulation frequencies 2—29707
    - Si, switching, rel. to crystn. 2—33014
    - Si, transient cond., trap behaviour 2—13274
    - Si epitaxial films, four- probe resist. meas. 2—16234
    - Si epitaxial wafer, resistivity measurement using voltage relax. technique 2—29708
    - Si film, chemically vapour deposited 2—1536
    - Si film, epitaxial on sapphire, carrier transport mechanisms, m.i.s. deep depletion Hall effect struct. obs. 2—40293
    - Si film, polycryst., chemically deposited 2—22570
    - n-Si inversion layer, in m.o.s.f.e.t., differential negative resistance 2—19740
    - $Si_{1-x}Al_x$ ion implanted, elec. props. 2—25873
    - SiAs, melt grown, elec. properties 2—10033
    - SiC:In, implanted, backscatt. analysis, disorder and p-type cond. 2—25827
    - SiC-Co_3O_4, nine compositions obs. 2—6792
    - p-SiC, alloyed with Pt-B-Sn, current-voltage characts. 2—22565
    - SiO film, between Al electrodes, cond. and breakdown mechanism 2—13308
    - SiO_2 ion implanted film, leakage current 2—25210
    - SiO_2 thermally grown 2—10034
    - Si_2Te_3, amorphous film, switching props. 2—19671
    - n-Sn, grey, under uniaxial compression 2—36531
    - Sn, plastically deformed, recovery and supercond. crit. temp. 2—19559
    - Sn, pure, anisotropy, 4.5 to 77K 2—32857
    - Sn alloys, residual resist. obs. of homogenization, ageing solubility limits 2—39940
    - SnO_2:Sb, resist. anomalous press. depend. 2—16213
    - SnO_2, polycryst., prep. by precip. from soln. 2—40227
    - SnS_2, layered, resist. changes due to decomp., switching effects 2—32991
    - $SrIrO_3$ metallic, in high pressure form 2—3731
    - SrO, temp. depend. 2—29659
    - SrO, transport number exam., rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2—4274
    - $SrSc_xFe_{12-x}O_{19}$, temp. and comp. depend. 2—29674
    - $SrVO_3$ metallic, in perovskite-type metavanadates 2—3740
    - Ta-H(D) interstitial alloy, comp. and temp. depend. 2—9960
    - Ta-Ta_2O_5-Au diode, negative resistance and energetic electron processes 2—19725
    - Ta, Bloch-Grueneisen parameters evaluation, program 2—32923
    - β-Ta, film, sputtered, elec. resist., negative. temp. coeff. of resist. 2—18945
    - Ta, film, two layer model 2—6764
    - Ta film, sputtered, depth depend. 2—32922
    - Ta film, sputtered, elec. resist. 2—29042
    - Ta film, sputtered, resist., oxygen effect 2—9286
    - Ta film, sputtered, resist. rel. to O_2 content 2—39533
    - Ta film, sputtered in Ar-H_2O mixture, resist. rel. to O_2 content 2—39532
    - Ta film, sputtered in Ar-O_2, effect of oxygen content 2—29044
    - Ta_2N, temp. coeff. of resist. of bulk samples 2—22495
    - TaS_2, intercalation effect on resist. 2—32951
    - Te:Ag(Sb), temp. depend. 2—36046
    - Te-As-Ge, metallic to semicond. transition assoc. with amorphous to crystn. transition, review 2—13238
    - Te-Ge-Se system, amorphous semiconductor 2—29675
    - Te, anomalous temp. depend., two-carrier model 2—29688
    - Te, press. coeff. of resist., rel. to pressure sensor appl. 2—20780
    - Te, surface defects influence on carrier density 2—10062
    - Te, temp. depend., 1.4-77K 2—29676
    - Te film, on TGS substrate, ferroelec. field effect temp. dependence 2—36517
    - $Te_{48}As_{30}Ge_{10}Si_{12}$, glass, switching and memory behaviour 2—16214
    - $Te_{81}Ge_{15}As_4$, glass, switching and memory behaviour 2—16214
    - ThCe alloys, (2-8 at.%Ce), resistivity and thermopower, impurity contribs., models 2—13113
    - Th_4H_{15}, 4.2-300K, rel. to supercond. props. 2—25772
    - ThO_2-Y_2O_3 electrolyte, rel. to operational limits 2—10634
    - ThO_2, rel. to electron hole mobility 2—10017
    - Ti:O film, cermet, elec. resist., temp. and strain effects 2—40184
    - Ti-Mo-Ni system, polythermal section 2—32788
    - Ti film, change in electrical resistivity on bombardment with Ar^+ ions 2—22496
    - Ti film, elec. resist., resist.-temp. characts., thickness effects 2—40185
    - TiNi, resistivity peak on thermal cycling, shape memory effect 2—29479
    - TiO_2, electrical ageing mechanism 2—36518
    - TiO_2, rutile, electronic mechanism 2—13240

Conductivity, electrical continued
solids continued
TiO_2, rutile, rel. to dielec. loss mechanism 2—22608
TiO_2 chemisorption probe for detection of H atoms 2—30106
TiO_x, temp. and comp. independent resist. 2—32992
$Ti_{1-x}V(Cr)_xS_2$, metallic conduction obs. 2—9350
$TlGaS_2(Se_2)$, temp. depend. 2—29677
TlI-TlBr, KRS-5 ionic crystal, thermostimulated current obs. of electrolysis effects 2—13303
TlI, 400-600K, phase transform. study 2—9826
$TlInS_2$, temp. depend. 2—29677
TlO_2-base solid electrolytes, proton cond. 2—40819
$Tl_2Ru(Ir)(Os)_2O_7$, rel. to electronic characterization 2—10076
TmTe, resistivity obs. of pressure induced electronic transformation 2—36289
$UAl_{2(3)(4)}$, resist. temp. depend., localized spin fluctuations model 2—40405
$UGa_{2(3)}$, resist. temp. depend., localized spin fluctuations model 2—40405
$UGe_3(In_3)(Si_3)(Sn_3)$, resist. temp. depend., localized spin fluctuations model 2—40405
U_3O_8, sintered, intrinsic semicond. behaviour 2—22541
β-US_2 semiconductor, mag. moment, cryst. struct. refinement 2—25828
$(U_yTh_{1-y})O_{2\|x}$ solid solution, O_2 press. depend. 2—40265
$U_{1-x}Y_xAl_2(Ga_2)$, resist. temp. depend., localized spin fluctuations model 2—40405
V-Fe alloys, low temp. resist. 2—33117
V-Ru alloy, high pressure resistivity obs. rel. to anomaly in electronic props. 2—36290
V, 1200-1800 K 2—19469
V, neutron irrad., annealing, effect of interstitial impurities, elec. resist. meas. 375-575K 2—25443
V_6C_5, electron scatt. by vacancies, residual resist. 2—4219
VO_2:Cr, struct. aspects of metal - insulator transition 2—25638
V_2O_5-P_2O_5 glass, dielec. props., 80-350 K 2—19749
V_2O_5-P_2O_5 glass, in m-i-m struct., high resistance, negative resistance and high conductivity obs. 2—40314
V_2O_5-TeO_2 glass, between metal electrodes, I-V characts., —100-200°C 2—36519
VO_2, metal-insulator transition 2—29679
VO_2, semicond.-metal transition 2—29678
VO_2, semiconductor to metal transition 2—4007
VO_x, resist., temp. and comp. depend. 2—32992
$V_2O_{3\|\delta}$, metal-semicond. transition 2—10167
V_2O_4, semiconductor-metal transition 2—29680
V_2O_5, single crystal, activation energy 2—10038
V_2O_5, temp. depend., cond. mechanism 2—10036
V_2O_5 single crystal, pure and Cu doped, 77-298K, mechanism 2—4220
VO_2; Ti, impurity conduction, microwave freq. cond. obs. 2—19655
W-Re alloys, conc. depend. 2—36447
W-Re alloys, resistivity 1200 to 2800°K 2—13114
W-Re solid solution, conc. and struct. depend. 2—39944
W, high field magnetocond. 2—13060
W, resist., 1100 to 2500 K 2—19552
W, resist., 2800K, Lorenz function 2—19470
W, resistivity, 2000-3600K, high-speed meas. 2—25682
α-WC, low temp. resist. 2—1521
WO_3 film, in m.i.m. struct., a.c. and d.c. characs., negative resistance obs. 2—36567
YIG:Si, a.c. hopping cond., freq. and temp. depend. 2—13242
Zn-M extremely dil. alloys, M=Cr, Mn, Fe, temp. depend., 0.4-30 K, Kondo system model 2—16148
Zn-Mg dilute alloy, ageing characts. study 2—29405
$ZnFe_2O_4$, spinel, relaxation of conductivity 2—19533
$Zn_xFe_{3-x}O_{4-x}F_x$, cond. mechanism 2—22695
ZnO, ion implantation, piezoelectric surface wave amplifier formation 2—29190
ZnO, one-equivalent adsorbates, intergranular contact resist., surface energy states 2—6840
ZnO catalyst, chemisorption of CO oxidation reactants 2—25830
ZnS:Cu, Cl film, field and light stimulated dark cond., and switching phenomena at 77K 2—40380
ZnS:Mn, temp. depend. and impurity effects 2—13243
ZnS, trap centre properties study 2—20112
ZnS epitaxial film, r.f. sputtered 2—29047
ZnS epitaxial layer 2—9290
ZnS film, epitaxially grown, resist. 2—39535
ZnSb, p- and n-type 2—1522
ZnSe, high temp., in Se atmosphere 2—32973
ZnSe epitaxial layer 2—9290
ZnSe film, epitaxially grown, resist. 2—39535
Zr, deformation at 78 K, recovery and recrystallization 2—15911
Zr, deformed, resistometric recovery above room temp. 2—36219
ZrB_2-W alloy, after sintering 2—12950
ZrC, composition and temp. depend. 2—1523
ZrO_2-Cr_2O_3(-CaO), electrodiffusion, electronic defect model, point defects, colour centres, elec. cond. meas. 773-1273K 2—9630
ZrO_2, rel. to electron hole mobility 2—10017
ZrO_2 electrodes stabilized with Y_2O_3 resistance in flow of ionized gas 2—28479
ZuTe film, stoichiometry depend. 2—25829

Conductivity, thermal
see also Heat conduction
axially stressed packed bed 2—3176
bonding media, Apiezon greases 2—17440
conference, Sept.-Oct. 1971, Albuquerque, USA 2—17426
electron gas in afterglow plasma in mag. field 2—24689
fluids, eddy conductivity, derivation of Kubo type formulae 2—6047
flux density depend. of cond. coeff. 2—7779
forced convection flow past plate with variable thermal conductivity 2—23398
harmonic crystal, one-dimensional isotopically substitued, quantum theory of heat transport 2—25689
heat sink cpds., using transient technique 2—17439
interstitial fillers, thermal contact conductance 2—17429
Kapitza resist. at solid-liq. ^{3}He interface, bound state effects 2—32296
Kapitza resist. between metal foil and liq. He 2—36361
lubricant films, thermal contact conductance 2—17430
magnetoplasma with skin current, ion-acoustic instability leading to Bohm-like turbulent conducting 2—12356
plasma, effects of cut off criteria of electronic partition function and transport properties 2—28511

Conductivity, thermal continued
plasma, noble gases, arbitrary degree of ionization 2—28521
plasma, toroidal, stationary 2—18588
ribbed surface, effects on heat transfer 2—184
solar convection zone, effects on temp. fluctuations 2—7564
sphere and cone with moving boundary having variable velocity, solution by one dimensional boundary value problem 2—34214
suspension, particle size, shape and spatial distrib. effect 2—18864
transient, quasilinear problems, with substantial nonlinearities, small-parameter method 2—27319
unsteady-state eqn. applied to thermal destruction of cylinder and parallelepiped, exact solution to boundary value problem 2—34215
gases
absorbing-emitting, radiation interaction effect 2—18766
air plasma, obs. using stabilized electric arc 2—6071
binary, disparate mass, Boltzmann eqn. soln. method 2—18754
carbon tetrafluoride, in static mag. field and field free space, calc. using rigid model with tetrahedral symmetry 2—35687
convective transfer correction 2—18763
dense, data uncertainties, effects on heat transfer 2—18817
dilute, coeffs. calc. using Boltzmann eqn. iterative soln. 2—18753
Enskog method, relativistic extension 2—9027
fluoroform-N_2 mixtures, change due to electric field parallel to temp. gradient 2—3326
halogenated methanes, empirical correlation 2—24982
heat transfer between infinite parallel plates, in rarefied gas 2—39276
n-heptane, meas. from 20 to 300°C and 1 to 1000 bar 2—18768
inert, 270-2000°K 2—18769
meas., coaxial cylinder method, up to 700°C and 1000 bars 2—12508
measurement facility using transient hot-wire technique 2—17427
methane, in static mag. field and field free space, calc. using rigid model with tetrahedral symmetry 2—35687
methane combustion products 2—6165
methl cyanide-N_2 mixtures, change due to electric field parallel to temp. gradient 2—3326
methyl chloride and fluoride, thermal transpiration meas. 2—18767
methyl fluoride-N_2 mixtures, change due to electric field parallel to temp. gradient 2—3326
monoatomic, rare and freons, applic. of rule of continuity and law of corresponding states 2—28738
perdeuteromethane, in static mag. field and field free space, calc. using rigid model with tetrahedral symmetry 2—35687
pulse method meas. apparatus 2—39278
rare, binary mixtures, calcs. using Chapman-Enskog and Perturbed-Lorentzian methods 2—18765
rare, dil., coeffs. determ., atm. press., 270 to 2000K 2—18764
Senftleben effects, formal kinetic theory 2—15538
steam, correlation of viscosity, thermal conductivity and Prandtl number as function of temperature and pressure 2—32245
steam, critical region obs. 2—18874
thermomagnetic torque theory 2—21917
transport properties, thermal transpiration meas. dustry gas eqn. 2—32174
Ar, calc. 2×10^3 to 12×10^3 K and 10^{-4} to 1 atm. press. 2—12514
Ar, high temp. calc. 2—18770
Ar determ. from viscosity meas. using Chapman Enskog theory 2—35688
CO_2, critical region obs. 2—18874
CO_2, radiation interaction effect 2—18766
CO_2, temp. jump by resonant absorpt. of laser radiation 2—38893
CO_2 plasma, obs. using stabilized electric arc 2—6071
H_2 isotopes, collision cross sections, interrelationships with other transport and relaxation phenomena 2—39026
HCl, thermal transpiration meas. 2—18767
He-Ar mixtures, 30-300°C 2—6156
He, high temp. calc. 2—18770
He, obs. in 50-350°C range and 100-1000 kg/cm^2 2—6163
Kr, high temp. calc. 2—18770
Kr determ. from viscosity meas. using Chapman Enksog theory 2—35688
N_2, column method eval. 2—18762
NH_3-N_2 mixture, second order electric field effect 2—3327
$2NO_2 \rightarrow 2NO+O_2$ reversible reaction, meas. conductivity in 548-792K range, 1-30 atm. pressure 2—26321
Ne-Kr binary mixtures, determ. from viscosity meas. using Chapman Enskog theory 2—35688
Ne, high temp. calc. 2—18770
Ne determ. from viscosity meas. using Chapman Enskog theory 2—35688
O_2, coeff. dispersion in mag. field, reson. singularities, Scott effect 2—39283
O_2, large mag. field effect, 77k 2—24981
O_2, Senftleben effects, formal kinetic theory 2—15538
SF_6 plasma, calc. 10^3 to 20×10^3 K and pressures 1 to 10 atm., calc. 2—12511
Xe, high temp. calc. 2—18770
liquids
p-azoxyanisole liq. cryst., interfacial and temp. gradient effects 2—6228
cryogenic liquids, heat transfer in transient boiling shown to be by unsteady thermal conductivity 2—35837
data sources and predictive methods, critical eval. 2—18815
data uncertainties, effects on heat transfer 2—18817
freshwater lakes, obs. at various depths, thermocline formation 2—37117
liquid crystal, nematic, near interface in mag. field 2—3383
measurement facility using transient hot-wire technique 2—17427
metal, anomalous Lorenz ratios 2—15607
metallic system, diffusivity, temp. depend., apparatus 2—19443
normal alcohols, thermal comparator meas. 2—25073
organic acids, thermal comparator meas. 2—25073
radiation pressure of thermal waves made to flow by temperature gradient, direct measurement 2—35692
saturated hydrocarbons, thermal comparator meas. 2—25073
toluene, hot wire method of obs., theory, review 2—9126
toluene, hot wire method of obs-, apparatus and results 2—9127
water, correlation of viscosity, thermal conductivity and Prandtl number as function of temperature and pressure 2—32245
Ba, estimation from elec. cond. data, 993-1500K 2—18850
Bi-Sb alloys, temp. depend. 2—36365
Bi, temp. depend. 2—36365
Ga, 250 to 550 C 2—15584
Ga, Lorenz no., temp. independence 2—40091
^{3}He liquid interface with solid, Fermi-gas model of Kapitza resistance 2—35810
Hg, diffusivity, heat pulse technique applic. 2—18818

Conductivity, thermal continued
liquids continued
In-Ga alloy, Lorenz number 2—18816
In-Sn alloys 2—13058
InSb 250 to 550 C 2—15584
Sb, temp. depend. 2—36365
Sb_2Te_3-Sb_2Se_3 system, molten, 650 to 800°C 2—6227
TlS, Tl_2S, heat transport mechanism 2—19468
measurement
air plasma, using stabilized electric arc 2—6071
apparatus for diffusivity meas. in solid and liquid phases 2—19443
cell for small powdered dielectrics using line heat source principle 2—4076
column method eval. for gases 2—18762
computerized facility using transient hot-wire technique 2—17427
diffusivity, metals, temp. dependence, and true specific heat 2—29553
diffusivity meas. apparatus, heat flow models 2—17445
digital display system for heat flow meter 2—17434
finite element method and nodal network model comparison 2—17438
flash diffusivity, finite pulse time corrections 2—17442
flash diffusivity, laser barrier applic. 2—17447
flash diffusivity, laser barrier applic. 2—17446
flash diffusivity in cylindrical coordinates 2—17444
food materials, liq., apparent diffusivity, computational procedure 2—17441
gases, gas mixtures, capillary method, thermistor katharometer bridge method 2—35682
guarded- longitudinal-heat-flow technique 2—17432
heat pipe apparatus 2—17431
high temp. diffusivity apparatus, 2700C 2—19462
hot wire method, theory, review 2—9126
inert gases, 270-2000°K 2—18769
instrument for direct readings, medium temperature range 2—27320
insulators, Centro Experimental del Frio meas. standards, guard-ring method 2—23190
line heat source technqiue, data fitting scheme 2—17435
liquid, data sources and predictive methods, critical eval. 2—18815
liquid diffusivity, heat pulse technique applic. 2—18818
low temperature, 0.4 to 4.2K, ^{3}He cryostat with adsorption pump 2—41369
methane combustion products 2—6165
packed beds with stagnant gas, effective conductivity, pressure dependence 2—2272
plane temperature wave method, heat exchange effects, applic. to low temp. dielectrics 2—9902
probe test, cooling curve use 2—17436
pulse method, apparatus, for gases 2—39278
pulsed diffusivity meas. analysis, loss parameters 2—17443
review 2—17413
rocks, steady state method 2—16732
semiconductor, longit. flow method modification 2—19436
solid, technique using heat pipe 2—9899
solids, flat temperature wave method, with use of optical heating 2—29563
thermal diffusivity, review 2—17425
thermophysical properties of fluids 2—18813
thermophysical properties research, ASME meeting, Washington, D.C., USA, (1971) 2—19422
and thermopower, simultaneous meas. 2—19421
transient technique using computer aided graphics for heat sink cpds. 2—17439
two slab vertical guarded hot plate apparatus, measuring instrument contrib. to most probable error 2—37817
Al-stainless steel, contact resistance by reflection of heat diffusion waves 2—1438
CO_2 plasma, using stabilized electric arc 2—6071
He, in 50-350°C range and 100-1000 kg/cm^2 2—6163
TiO phases of variable composition in temp. range 100-1100°K 2—6692
solids
aerospace alloys, 4-300K 2—25692
alkali halides, doped, phonon scatt. 2—4077
alkali halides with hydroxide ions, low temp. obs. 2—19446
alloy, Bi-Sb, transport phenomena 2—3954
alloy, lattice resist. due to dislocations 2—32850
alloy, rel. to lattice struct. and defect distrib. 2—1439
anharmonic cryst., lattice contrib. 2—36363
antiferromagnetic dielectric, magnetic field dependence 2—6686
Boltzmann transport equation, lattice energy transport in linear atomic chain 2—36362
butanol, Kapitza resistance, effect of absorbed power on nuclear polarization 2—34774
Callaway formula, generalization 2—9900
ceramic, brittle, effect on thermal stress problem 2—19273
ceramics, thermal resist., brittle materials destruction theory 2—39949
chlorinated polyethylenes, at glass-rubber transition, by temp, cycling rates 2—16065
composite systems, effective conductivities, effect of particle size 2—23396
concrete pressure vessels of WYLFA nuclear power station, thermal insulation, structural behaviour 2—15156
concrete vessels high temp. gas cooled power reactors, thermal insulation systems 2—15180
contact conductance in vacuo, correlations 2—6687
dielectrics, powdered, meas. in cell using line heat source principle 2—4076
disordered systems, electronic cond. 2—10132
duralumin, treated at 77K, temp. dependence 2—40086
duralumin tempered at 77 K temperature dependence in 60 K-100 K range 2—39667
ferro- and ferrimagnets, spin wave conductivity 2—19844
ferrodielectric, effect of high order anharmonicity 2—6688
finite-element method with nonliner boundary conditions 2—19439
foamed plastics, thickness and temp. effects 2—28924
glass systems, low temp. anomalies 2—9885
graphite, 0.7-2K 2—25693
graphite, effect of B or Br doping 2—22429
graphite, irrad., rel. to elec. resist. 2—13220
graphite, mag. field effects, 0.36- 4.2 K 2—29566
graphite, pyrolytic, 300 to 2700K 2—19452
graphite, pyrolytic, neutron irrad. 250-470°C, change in thermal cond. 2—19432
graphite, pyrolytic, thermal diffusivity anisotropy ratio, 300-1600 C 2—32852
graphite, simultaneous cond. and diffusivity meas., high temp. 2—19451

Conductivity, thermal continued
solids continued
graphite, temp. depend doping influence 2—1510
graphite cryst., basal plane, calcs., anharmonicity coeffs., phonon effects 2—19449
grease Apiezon N and T, correlation with specific heat anomalies and glass transition temp. 2—30728
heating rate controller for obs. 2—27340
Heisenberg paramagnet, calc. 2—36664
heterogeneous material, diffusivity, steady-state approx. limits 2—13055
heterogeneous materials, diffusivity, steady-state approx. 2—19440
high polymers, review 2—29568
Inconel 718, 90 to 1200 K 2—19442
Incramet, 1000 to 1200K 2—19456
insulation material, prediction, optimization and meas. 2—19437
insulation tests on prestressed concrete reactor vessels for water cooled power reactors 2—15094
insulator, flash diffusivity, laser barrier applic. 2—17447
insulator, flash diffusivity, laser barrier applic. 2—17446
insulator, role of three-phonon normal processes in phonon cond. 2—40016
insulators, Centro Experimental del Frio meas. standards, guard-ring method 2—23190
ionic, heat at transport, linear chain model 2—25690
ionic cryst., impurity induced absorpt. and reduced thermal cond. vs. temp., correl. 2—19438
lattice cond. reformulation 2—4075
lattice thermal cond., calc. using Kubo correl. function 2—25691
lunar fines, Apollo 11, density, pressure and temperature effects on heat transfer 2—20639
lunar fines under landing site conditions 2—20674
lunar soil, thermal cond. coeffs., rel. to terrestrial analogs 2—33725
magnetic system, anomalies due to cond. electron scatt. by critical fluctuations 2—40122
measurement technique using heat pipe 2—9899
metal, mag., impurity resist., nonlinear conc. depend. 2—4155
metal, rel. to lattice struct. and defect distrib. 2—1439
metal, temperature dependence, and true specific heat apparatus 2—29553
metal film, size effect 2—29612
metallic contacts, thermal contact conductance, nomograms 2—17428
metallic system, diffusivity, temp. depend., apparatus 2—19443
nuclear fuel cylinder, canned, pressure dependence, effect on frequency response 2—15121
nylon, 4 to 350 K 2—19473
phonon cond., variational estimates 2—1437
polyethylene, 3 to 300 K 2—22434
polymer, filled, 10 to 400 K 2—19429
polystyrene and polymethyl methacrylate, specific heat 2—22427
porous beds, effective thermal conductivity determ. from transient heat conduction studies 2—29564
pyridinium salts, fused, and n.m.r. spectra 2—4562
pyrographite, effects of increasing heat treatment temperature 2—40089
reactor fuel elements, flash diffusivity in cylindrical coordinates 2—17444
reactor fuel elements, unirrad., 400-1400 K 2—19441
refractories, high temp. 2—19445
refractories, sintered, polycryst. props. rel. to monocryst. props. 2—22254
rocks, steady state method 2—16732
rods, finite and semifinite, with heat source of constant power 2—11374
salund ceramics from borosilicate glasses 2—15935
sapphire single cryst., obs. below 1K 2—36364
semiconductor, heavily doped, low temp. adiabatic cond., calc. 2—40269
semiconductor, hydrostatic press. influence 2—19436
semiconductor, process control device appl. 2—29694
semiconductor, resist. due to electron-phonon scatt., trial function 2—9901
soliton behaviour 2—19444
stainless steel insulation, prediction, optimization and meas. 2—19437
steel, stainless, 100 to 1100 K 2—19442
superconducting film, normal metal coated, thickness depend. 2—9965
superconducting transition metal containing nonmag. impurities, two-band model 2—36472
superconductor, strong- coupling, electronic contrib. 2—22507
superconductor, strong-coupling, electronic contrib. and elastic electron scatt. 2—22503
superconductor, type-II, mixed state, fluxoid interaction with phonons and electrons 2—13143
superconductor, type-II, mixed state obs. 2—13138
superionic conductor, transport model 2—25917
textolite insulation, directional cond., 4.2 to 100 K 2—19472
thermophysical properties research, ASME meeting, Washington, D.C., USA, (1971) 2—19422
thin films of Bi, Sb, Sn, Ag and Au 2—19448
transistor, with circular emitter, thermal resist. 2—36561
two-phase and three-phase heterogeneous mixtures of RTV-60 silicone rubber with Al, Pb, Ni, Bi, meas. by line source method 2—22432
wool, heat flow in region interlaced with cylinders 2—7776
Ag, temp. dependence of resistivity 2—22490
Al, alloy, T6061, 100 to 600 K 2—19442
Al, temp. depend. at low temp., graphical determ. 2—13057
Al, Wiedemann-Franz ratio, low temp. 2—40087
Al_2O_3:Cr^{3+}, ruby, γ-irradiation, spin-lattice relaxation, Cr^{2+} effect 2—40576
Al_2O_3, umklapp resistivity 2—19447
Al_2O_3 powder, from spectral normal emittance determ. using heated metal substrates 2—40088
Au, temp. dependence of resistivity 2—22490
Be, 90 to 600 K 2—19442
BeO, phonon cond. 2—4078
BeO, umklapp resistivity 2—19447
Bi-Sb alloy, transport phenomena 2—3954
Bi-Sb alloys, temp. depend. 2—36365
Bi, temp. depend. 2—36365
Bi_2Te_3-Bi_2Se_3 alloy, n-type semicond., rel. to thermoelec. props. 2—36605
Bi_2Te_3-Sb_2Te_3-Sb_2Se_3 alloy, p-type semicond., rel. to thermoelec. props. 2—36605
C/C composite, temp. and orientation depend. 2—19450
C, pyrographite, at high temps. 2—6689
Cd_3As_2, semicond. cryst., coeffs., calc. of effective mass from quantum oscills. 2—16226
$CdIn_2S_4$ and $CdIn_{2(1-x)}Cr_{2x}S_4$, 4 to 300 K 2—19453
CdS thin film, u.h.v. chamber for obs. 2—23204

Conductivity, thermal continued
solids continued
CdTe, 65 300 K 2—22433
Co, 90 to 1250K 2—19454
Co_2Si, physical props., 10-350K 2—40141
Cr, lattice contrib. and Lorenz ratio 2—19455
Cr, Lorenz number behaviour at Neel temp. 2—36366
$CrFe_2Se_4$, 100 to 500 K 2—19459
Cs thin film, calc. from elec. cond. 2—29567
Cu-Be alloys, 1000 to 1200K 2—19456
Cu-Cr dil. alloy, cold-drawn, annealing effects 2—36197
Cu, low temp. 2—6690
Cu, temp. dependence of resistivity 2—22490
Cu, thermal resist. between electron and phonon systems 2—32853
$DyPO_4$, magnetothermal resist., mag. phase diagram 2—22705
$ErVO_4$, magnetothermal resist., metamag. transition 2—22707
EuO, Curie temp. phenomena 2—19457
Fe, Armco, reference material and model 2—19458
Fe, electrolytic SRM 734, low temp. standard reference data 2—40090
Fe, high temp. cond. and density of states model 2—40174
Fe superalloy, 90 to 700 K 2—19442
FeSe, Fe_2Se_3, Fe_7Se_8; and Fe_3Se_4, 100 to 500 K 2—19459
Ga, Lorenz no., temp. independence 2—40091
GaAs, phonon cond., Holland model applic. 2—4079
GaSb:Te, phonon scatt. at low temp. 2—22533
GaSb:Te(Zn), carrier conc. and temp. effects 2—29666
GaSb:Zn, low temp. phonon thermal cond., role of density of states effective mass 2—40092
p-GaSb, lattice cond., 2 to 20 K 2—25694
GdS, lattice contribution 2—4080
$GdVO_4$, magnetothermal resist., spin wave dispersion curves 2—22706
Ge:P, electron-phonon scatt. contrib. 2—32854
p-Ge:Sb, phonon transmission impurity effects 2—32832
Ge-Si solid soln., forbidden band width determ., 900-1200K 2—22559
Ge, bounds of three phonon U-resistances 2—32808
n- Ge, compensated, electron-phonon scattering 2—36544
n-Ge, low temp. lattice cond. 2—4081
P-Ge, magnetothermal conductivity, evidence for Jahn-Teller effect 2—33185
n-Ge, phonon scatt. by neutral donors, low temp. 2—6691
Ge, phonon scatt. mechanism, low temp. 2—29532
^3He, heat pulse propag., umklapp processes, second sound 2—18871
Hg, supercond., electronic contrib. 2—22507
$Hg_{1-x}Cd_xTe$, solid soln., 65-300 K 2—22433
HgTe, 65-300 K 2—22433
p-HgTe, hole-phonon scatt. 2—32855
In-Mn dil. alloy films, electronic cond., rel. to supercond. T_c 2—19582
In-Sn alloys 2—13058
In, lattice contrib., magnetoresistance in Corbino disc 2—16068
In, supercond., electronic contrib. 2—22507
InAs, low temp. phonon cond. 2—25695
InSb-NiSb eutectic alloy, temp. depend., anisotropy 2—19460
InSb, phonon cond., Holland model applic. 2—4079
Ir, and Ir-La alloy, temp. depend. 2—29618
K thin film, calc. from elec. cond. 2—29567
KCl:KOH, low temp. obs., continuum of tunnelling levels 2—19446
KI:KOH, low temp. obs., continuum of tunnelling levels 2—19446
Li, vol. depend. 2—1455
LiF, deformed, thermal phonon scatt. by mobile dislocations 2—13026
LiF, dislocations influence 2—19461
LiF, lattice cond. and Ziman limit 2—25696
LiF, phonon scatt. by dislocations 2—16069
LiF, thermal phonon-dislocation interaction 2—32856
Mg_2Ge, lattice component, temp. depend. 2—40093
MgO, fast neutron irrad. effects on low temp. cond. 2—29566
MgO, umklapp resistivity 2—19447
Mg_2Si, lattice component, temp. depend. 2—40093
Mg_2Sn, lattice component, temp. depend. 2—40093
MnF_2, rel. to magnon dispersion 2—40073
Mo, diffusivity, 20 to 2000C 2—19462
Mo TZM alloy, 90 to 1200 K 2—19442
Na, near melting pt. behaviour 2—16070
Na, Wiedemann-Franz ratio, 40 to 360K 2—19463
$NaBr:F^-$, rel. to impurity tunnelling 2—33052
NaCl:NaOH, low temp. obs., continuum of tunnelling levels 2—19446
NaCl, temp. range 1-80K, phonon contrib. calc. 2—40094
NaF, lattice cond. and Ziman limit 2—25696
$Na_2O.SiO_2$ glass, low temp., rel to low lying modes 2—40075
Nb, in mag. fields near H_{c2} 2—16071
Ni, porosity effect 2—19464
Ni_3Al, low temp. resist. 2—40095
$NiFe_2Se_4$, 100 to 500 K 2—19459
Ni_2Si, physical props., 10-350K 2—40141
Os, and Os-Th alloy, temp. depend. 2—29618
Pb-In alloys, supercond., upper critical field obs. 2—25793
Pb, electronic contrib. and elastic electron scatt. 2—22503
Pb, supercond., electronic contrib. 2—22507
PbTe, hydrostatic press, influence 2—19436
Pd-Ni alloy, temp. and comp. effects 2—22494
Pd, meas. from 90-1300 K in two exptl. systems, result, analysed in simple two-band model 2—36367
PuO_2, high temp. obs. 2—19465
Rb thin film, calc. from elec. cond. 2—29567
RbCl:RbOH, low temp. obs., continuum of tunnelling levels 2—19446
$RbMnF_3$, magnetoelastic effects 2—40096
Re, and Re-Th alloy, temp. depend. 2—29618
Rh, high temp., Lain-Krishnan method 2—13059
Rh, liquid helium temperatures and in magnetic fields 2—4082
Sb, temp. depend. 2—36365
SbSI, ferroelectric, phase transition, soft mode coupling, Rayleigh scatt. 2—16012
Sb_2Te_3, hydrostatic press. influence 2—19436
Si, phonon scatt. mechanism, low temp. 2—29532
p-Si, phonon transmission, impurity effects 2—32832
SiC and SiC/graphite composite 2—19466
Sn, pure, anisotropy, 4.5 to 77K 2—32857
Ti-Al-Sn alloys, 90 to 600 K 2—19442
Ti, in temp. range 1000-1700 K 2—29551
TiO phases of variable composition in temp. range 100-1100°K 2—6692
Tl, supercond., electronic contrib. 2—22507

Conductivity, thermal continued
solids continued
$TlGaS_2$, ternary semiconductor 2—29498
TlS, Tl_2S, premelting range, heat transport mechanism 2—19468
Tm, temp. range 0.5-4.5K 2—40097
$(U, Pu)O_2$ mixed oxides, high temp. obs. 2—19465
$(U, Pu)O_2$ reactor fuel, in-pile meas. 2—18266
$(U,Th)O_2$ mixed cryst., thermal diffusivity 2—19467
$U_{0.8} Pu_{0.2}O_{2-x}$, 1473K to melting point 2—36368
UO_2, 1473K to melting point 2—36368
UO_2, 500°C to melting point, temperature dependence, mechanisms 2—32858
UO_2 reactor fuel, in-pile meas. 2—18266
V, 1200-1800 K 2—19469
VFe_2Se_4, 100 to 500 K 2—19459
W, diffusivity, 20 to 2000C 2—19462
W, lattice cond., high field magnetocond. 2—13060
W, Lorenz function, 2800K 2—19470
YIG, spin wave conductivity 2—19844
ZnO:Li, lattice cond. 2—19471

Confinement of plasma *see Plasma/confinement*

Constants
fine structure, Wyler's derivation 2—11273
fine structure constant, high order effects in colliding beam e^+e^- and $\gamma\gamma$ interactions 2—14578
fundamental, constancy with time 2—17169
gravitational accel. const., falling sphere method, improved apparatus 2—37073
Planck's const., electronic work function, charge accumulation method, meas. apparatus 2—36621
variations in Newton's gravitational constant rel. to internal structure of matter 2—37585

Contact angle *see Capillarity; Surface tension; Wetting*

Contacts, electrical
aromatic hydrocarbon crystals, contact potential difference 2—25849
breaking in air, arc characts. 2—39224
feedthroughs for high pressure low temp. applications 2—20765
Gunn diode temperature-dependent contact resistance 2—6868
metal whisker diodes, thermal field emission as i.r. light rectification mechanism 2—16323
metal-alkali halide junction, electroluminescence characts. 2—40732
metal-metal contact potential differences, meas. with electron-interferometer 2—21031
metal-semiconductor, filling of local levels, applied voltage effects 2—19659
metal-semiconductor, nonequilibrium excess carrier conc. 2—13282
metallic materials, ASTM standards, book 2—37552
ohmic contacts, obs. of junction resistance 2—19717
organic crystals, contact potential meas. by vibrating condenser 2—25849
semiconductor power diodes, contact joints quality monitoring, high-speed instrument 2—25893
sliding electrical contacts, wear testing under current 2—29365
superconducting, Josephson junction props., stable point 2—19607
superconducting point contact, temp. dependence of structure on I-V curves 2—19605
superconducting point contact junction arrays, radiation generation and detection 2—13194
superconducting point contact weak link as magnetometer 2—1500
superconducting-normal boundary, electric potentials 2—36449
superconductive pressure contacts, high critical current, applic. to relays and switches 2—25796
Ag-CdO composites effect of additives from Groups IA, IIA on morphology, properties 2—36261
Al_2O_3 films on Al, 30 to 600Å, obs and theory of oxide localized states 2—6913
$CdIn_2S_4$, I-V characts., switching and memory effects 2—19719
CdS/In boundary, contact barrier development, current instability 2—4254
CdTe-Au, precipitated contact on etched single cryst., IV characts. 2—29733
n-GaAs-Pb, tunnelling, press. depend. 2—40221
n-GaAs, rel. to thermoelec. force measurement 2—25944
n-GaAs, specific resistance for Sn, Sn-Ag, and Au-Ge-Ni ohmic contacts 2—29715
GaAs, surface-barrier structures by chemical deposition of Au, Ni, Ag, In, Sn and Zn 2—25892
GaAs nonrectifying contacts dependence of resistance on frequency and density of current 2—19718
GaP, surface, current-carrier scatt. 2—19675
Ge, amorphous film, electrode effects 2—10066
Ge, high resistivity, formation of injecting and blocking contacts 2—40296
In-Hg amalgam on semicond., ohmic contacts 2—13276
InP, surface, current-carrier scatt. 2—19675
Mo/Au-Ge/Ge/n-GaAs/ Ge/Pb-Ge, complex diode, layer composition and microhardness 2—4249
MoS_2, anisotropic layer structures, use of annealed contacts for making contact to all layers 2—1477
n-PbS point contacts, operation of oscillations and n-type negative resistance 2—29717
Si Schottky diode, current limiting processes, fabrication, characts. 2—25895

Continuous creation hypothesis *see Cosmology*

Convection
abnormal convective heat transfer, in critical region, heated wire diameter effect 2—34208
air, free convection velocity field around the periphery of horizontal torus 2—39248
atmosphere, conditions for sustaining convective equilib. 2—30264
atmospheric heat flux, turbulence and eddy diffusion 2—13676
circular tube with non-uniform heat flux around the circumference, forced convection heat transfer 2—30889
combined free and forced, fully developed laminar flow in horizontal tubes 2—34219
cylindrical body of finite height subject to convective heat losses, nonstationary quasi-static thermal displacements and stresses 2—33998
Cytherian atmosphere, numerical modelling 2—26857
in dielectric flow between parallel plates under influence of electric field 2—3162
Earth's mantle, flow field 2—22918

Convection continued
Earth's mantle, thermal convection 2—40895
external natural, about two-dimensional bodies with constant heat flux 2—20960
film boiling on hemisphere, stagnation-point free-convection, viscous effects 2—25001
finite amplitude, in compressible medium 2—2279
flame extinction mode in gases 2—27323
flow, vertical in fluids, resulting from combined buoyancy effects of thermal and mass diffusion 2—6027
fluid, layer heated from below, oscillatory instability of convection rolls 2—28477
fluid, thermal convective instability on sudden heating at lower boundary 2—39073
fluid heat from below, effect of insulating vertical walls on initiation of motion 2—35388
forced, laminar and turbulent heat transfer in symmetric trapezoidal channel 2—34217
forced, laminar flow in arrived channel with square cross section 2—190
forced, onset of longit. vortices, secondary flow, critical Rayleigh number 2—18733
forced, parallel and tapered passages, heat flux boundary condition 2—34203
forced, power-law fluids flowing between parallel plates, in presence of time varying rate of heat generation 2—37807
forced, vol. to heat transfer at melting flat surface 2—1137
forced convective heat transfer with secondary flow, Prandtl no. effect 2—8881
forced flow past plate with variable thermal conductivity 2—23398
free, dissipation effects, solution for high Prandtl numbers using perturbation method 2—23401
free, flow and heat transfer in entry region of vertical cooled pipe 2—39044
free, from cone with boundary layer control and fluid suction or injection 2—6034
free, from totally enclosed cabinet, simulated electronic equipment containing 2—192
free, from vertical plate with discontinuous wall temp., analysis 2—17449
free, in fluids at high Prandtl numbers, double boundary layer concept 2—20959
free, in open-ended rectangular cavity, inclination depend. 2—34218
free, laminar, from vertical thin needles 2—30896
free, of conducting fluid in transverse mag. field 2—956
free and forced, heat transfer, horizontal cylinder to transverse flow 2—17451
free and forced, horizontal and isothermal tube for short heating length 2—17450
free and forced, in vertical pipe, turbulence 2—34222
free and forced combined, through vertical rectangular channels with unequal heating from sides 2—35426
free convection in water near maximum density temperature 2—21936
free convention flow along infinite vertical plate, periodic suction 2—6022
free heat transfer from isothermal spheres in water, exptl. investigation over wide range of Rayleigh number 2—20953
gases, mixture, along vertical wall, separation by thermal diffusion 2—35690
global heat flow in crust and mantle 2—22920
gravitational in ferromagnetic liquids due to magnetic heating 2—941
heat and mass transfer, conference, Manchester, England, Sept. (1971) 2—34229
heat transfer, unsteady conjugate problem for uniform flow over solid body of quarter-space shape 2—37809
heat transfer coeff. det. of azimuthal dependence using split film anemometer probe in low Reynolds no. flow 2—21756
heat transfer mechanism in recirculating wakes, solutions of energy equation for forced convection studied 2—6032
hemispheric cylinder, in rarefied hypersonic flow, laminar convective heat transfer rates 2—28689
high temp. solns., crystal growth, stirring 2—3581
horizontal cylinder, swaying plume phenomena 2—5277
ionization and recombination, time-dependent convection-diffusion equation, nonlinear initial boundary value problem 2—12452
laminar, combined natural and forced in rectangular field 2—34223
laminar, free, of fluid on curved wall 2—35428
laminar combined forced and free, entrance region of constant cross-section ducts 2—34221
laminar combined free and forced through vertical non-circular ducts 2—37821
laminar combined in vertical tubes 2—34220
laminar upflow through heated vertical annuli combined natural and forced flow 2—34216
liquid crystal film, nematic 2—32229
liquid layer in a modulated field of external forces, study of convective instability 2—39295
liquid metal, theoretical anal. 2—28751
liquid metal circuit in non-uniform mag. field, instability 2—957
liquids, at rough vertical surface 2—5271
mag. field effect on low-frequency oscillatory convection in polytropic atmosphere 2—20706
mantle, isenthalpic flow, Joule-Kelvin coefficients 2—4627
measurement sensor, calorimeter-temp. gauge 2—17458
MHD, instabilities, effects of ohmic heating 2—39082
MHD, unstable free convection of viscous liquid along porous plane infinite vertical plates 2—28481
model for electrically heated tank of glass melt 2—28749
natural, combined forced air flow, heat and mass transfer, large rectangular openings 2—34212
natural, effect of thermal radiation on boundary layer 2—27321
natural convection boundary layer, laminar- to-turbulent transition 2—39301
natural convection flow over cylindrical surface, wake formation obs. 2—8882
natural flows adjacent to horizontal surfaces resulting from combined buoyancy effects, thermal and mass diffusion 2—21738
natural laminar under nonuniform gravity 2—37822
natural turbulent, on vehicle isothermal wall, laws of velocity and temp. distribution 2—2278
non-Newtonian fluid in vertical tube, exptl. and theoretical study of combined free and forced laminar convection 2—37820
non-Newtonian pseudoplastic fluids, free convection from a vertical plate 2—37812

Convection continued
noncircular ducts, forced convective heat transfer with dissipation function and compression work 2—7775
ocean, upper layers, model for diurnal cycle 2—1799
photo-absorptive, threshold excitation 2—6230
plane Poiseuille flow, finite amplitude convection with longitudinal vortices, effect of uniform axial temp. gradient 2—39048
plasma, in gravitational field, interchange instability 2—32098
plasma in l=3 stellarator field, due to trapped particles 2—3194
plate with arbitrary inclination, natural convection 2—34202
polytropes, supermassive magnetic, influence on smoothing of differential rotation 2—13815
Population II stars of low mass, effect of composition gradients on convective core 2—23069
porous layer, fluctuation phenomena 2—7781
porous layer, inclined, stability condition and thermal exchange by natural convection 2—17448
porous media, 3-dimensional transient convection 2—11379
rolls in fluid, two-dimensional, rectilinear, at supercritical conditions 2—12349
rotating disc, forced convection, asymptotic solns. 2—11380
rotating fluid, thermohaline convection, finite amplitude 2—18811
in rotating laterally heated annulus 2—21744
semiconvection, imitation, stellar models 2—7412
simultaneous heat and mass transfer by free convection about vertical flat plate 2—30885
solar, nonlinear, asymptotic methods in theory 2—7547
solar atmosphere, turbulence, emission of acoustic noise, directional dependence 2—37422
solar zone, improved Vitense model 2—7563
spheroids, heat exchange coeff. 2—27322
square cavity, high Rayleigh number, numerical computations 2—12341
steady convective overturning in shear, propagation and transfer properties 2—39065
stellar envelopes, main sequence A- and F-type stars, mixing length theory 2—33630
stellar structure convective mode, growth rate in convectively unstable self-gravitating gas sphere 2—37283
sun, nonlinear, with free boundaries at high Rayleigh number 2—7567
sun, nonlinear, with hexagonal planform 2—7568
sun's atmosphere, turbulent, eddy viscosity and depth dependence of physical parameters 2—7566
sun and large scale fields and magnetic activity cycle 2—11047
surface active molecules, interfacial region, drop and bubble motive 2—28920
temperature fluctuations in turbulent wake behind heated cylinder 2—3290
thermoconvective instability in a bounded cylindrical layer, non-axisymmetric flows, linear stability analysis 2—6031
thermohaline, in stellar interiors 2—10857
thermohaline instability and salt fingers in porous medium 2—30895
transient free convection flow with constant suction 2—15430
turbulent, in rotating radial circular pipe 2—191
turbulent free boundary layer interaction with downward forced flow 2—34211
turbulent free convection boundary layer, exptl. study on hydrodynamics at vertical plate and in vertical film of ethyl alcohol 2—21935
unsteady hydromagnetic free convection past vertical flat plate 2—3183
viscoelastic fluid layer, m.h.d. stabilization 2—8904
water, laminar flow in horizontal tubes with uniform heat flux, combined forced and free convection effects 2—9054
Wilson cloud chamber, false curvature of tracks 2—24101
Al-Mg alloy, convective mixing during solidification 2—28947
Al-Si eutectic alloy, unidirectional solidification 2—12614
Hg, natural convection at low Grashof numbers, exptl. determ. 2—30888
Pb, liq., thermal and natural convection 2—25005
Sn, liq., thermal and natural convection 2—25005

Conversion electrons *see Beta-ray spectra/conversion electrons; Gamma-rays/internal conversion*

Cooling
see also Joule-Thomson effect; Low-temperature production; Magnetic cooling; Supercooling
adiabatic-depolarization device applic. of $SrTiO_3$ glass- ceramics 2—40358
building cooling load, computer-aided analysis, model for atm. depletion of solar radiation 2—30290
cermet steel, martensite transform. during cooling after sintering 2—12939
discharge lamps, coolant liquid spectral characteristics 2—14469
forced air, of body with distributed thermal input 2—2368
fusion reactor blankets 2—24273
fusion reactors, emergency 2—24284
hollow, water-cooled Cu conductors for particle accelerator magnet coil power supply 2—27931
infinite coaxial cylinders, tangential Newtonian flow, transpiration cooling 2—12325
injection coolers, highly loaded, heat transfer in water drops 2—39275
interstellar gas, thermal condensations, code 2—33693
interstellar gas after ionization by supernovae 2—26754
inverse heat conduction problem for asymmetric cooling of slab with sources 2—11377
liquid steel, measurement of ultrasonic attenuation during cooling 2—32685
mist, thermal behaviour of liquid films formed from mist drops on heated surface 2—35835
for moving source in Mossbauer spectroscopy expts. 2—5097
inmulticonnected composite regions with radiative boundary conditions 2—14285
multiregional analysis of temp. fields in finite rod bundles cooled by liquid metals 2—15166
nuclear core-cooling systems, critique of AEC's interim safety criteria 2—18254
nuclear reactors, gas-cooled, emergency cooling using dissociating coolant 2—5748
photomultiplier housing, compact, with temperature control 2—41364
radiating elements, conical, radially diverging, heat-conduction capacity and optimization 2—11376
radiative, behind normal shock waves 2—34186
radiative effects behind reflected shock wave in absorbing gas 2—7762
radiative of shock heated air in explosively driven shock tube 2—12509
saddle-shaped superconducting magnets for use in MHD generators 2—224
solenoid system 2—17534

Cooling continued
- splat technique using diamond substrate 2—18926
- steel, temp. distrib. during cooling, computer simulation 2—32689
- styrene monomer, fluorescence spectra dependence on rate of cooling 2—12569
- superconducting magnets, coil cooling channels, heat flow analysis 2—37885
- superfluid in vertical channels, high heat flux regime 2—25132
- thermo-electric, non-stationary, influence of commutation layer on characteristics 2—26989
- transpiration, porous heat source 2—2270
- white dwarfs degenerate envelopes, structure and energy transport 2—26661
- X-ray tubes, patent 2—20793
- CO_2-N_2 mixture, by CO_2 laser radiation absorp. 2—18757
- $Ca_5(PO_4)_3F_xCl_{1-x}$:Mn^{2+}, effect on fluorescence 2—10438
- MnZn, atmospheric composition effect on cooling ferrites 2—36747
- Si(Li) detector, using thermoelectric device, for conversion electron det. 2—11676

Copper
- adsorbed CO and Xe, LEED and surface potential study 2—12682
- adsorption of CO, i.r. spectrum, reflection- absorption spectroscopy 2—7070
- adsorption of He, binding energies, meas. by time-of- flight diffusion method 2—18953
- adsorption of K, low and high conc. states 2—29063
- adsorption of sulphur and sulphides, distinction by Auger spectroscopy 2—39557
- anisotropic, point defect interaction with extended edge dislocation 2—22188
- anodes with impurities, electrolysis procedures 2—37047
- arc, vapour, in air, stabilized, kinetic and distribution temps. and electron density 2—24939
- atom, autoionization lines in vac. u.v. spectra determ. by photoionization and emission 2—18309
- atom, electron bombardment, inner shell ionization 2—18326
- atom, electron impact L-shell ionization calc., occurrence of delayed maxima 2—8467
- atom, electron scatt., 100 to 400 keV, ionization, differential energy and angular cross sections calc. 2—18334
- atom, Lα line shapes near threshold of excitation 2—21506
- atom, X-ray K-fluoresc. yields 2—8443
- atom excitation from shakeup photoelectron spectra of solid halides and oxides 2—36636
- atomic scattering factors determ. from thermal diffuse scattering meas. 2—29509
- atoms, soft X-ray spectra, classification 2—5786
- atoms, variation in L shell fluorescence yield due to multiple M shell ionization 2—31704
- Auger spectrum, LLM and LMM transitions 2—13361
- autoionization of high-temperature monatomic vapour 2—28201
- band struct., phase-shift pseudopot. 2—36402
- band struct., reson. density of states, photoluminesc. obs. 2—16640
- band structure, exchange approx. used in self consistent band calc. 2—19508
- band structure, quasielastic electron knock-out study 2—25721
- based compacts, dimensional changes during sintering 2—1358
- benzotriazole treated, surface film, i.r. and u.v.-visible refl. spectra 2—18959
- in brine, atomic absorption spectroscopy obs. 2—10661
- cathodoluminescence, radiative recomb. from transitions between cond. band states 2—20114
- channelling of heavy ions, critical angle determ. using charact. X-ray generation 2—29575
- chemisorption of Cl, Br, I, effect on surface self diffusion, 383-1044°C 2—9249
- chemisorption of H_2S, LEED and Auger spectroscopy obs. 2—3560
- coating, effect on surface structure and friction parameters of steel 2—3918
- cold worked and annealed, small angle X-ray scatt. obs. 2—25592
- composite, W/Cu, dislocation distrib. 2—15946
- Compton profile due to 1s electrons 2—24340
- conductors for proton accelerator electromagnets 2—18039
- core annihilation rates, calc. 2—36431
- creep, rel. to inclusion of recovery in plastic flow theory 2—39794
- creep mechanism, stress and temp. depend. 2—9671
- crystal, Ar ion scattering, focusing mechanism 2—18922
- crystal, cold rolling, orientation stability, strain rate depend., electron diffr. 2—39899
- crystal, dislocation motion before and after yielding 2—1289
- crystal, zone melting growing, striational boundaries formation 2—39694
- crystal growth, suppression of striations 2—25268
- crystal growth from melt, vacancy condensation and dislocation form. 2—9534
- crystal surface, reaction kinetics of adsorbed O_2/S, Auger spectroscopy 2—9248
- de Haas-van Alphen effect, point defect influence 2—4147
- Debye temp., thermal and elastic 2—9849
- Debye temperature, effect of lattice defects 2—19383
- Debye thermal and elastic temps., 0K 2—32843
- Debye-Waller factor, temp. dependence, theory 2—6649
- defect clusters produced by ion irrad. 2—39670
- deformed, dislocation cell size and density, elec. microscope obs. 2—36031
- deformed, strain, substruct. misorientation and hardness characts. 2—29334
- density of states induced by proximity of supercond. Pb 2—13174
- diffusion, in Al (KO-1) alloy, from secondary phase and dendrite arm obs. 2—32529
- diffusion, in Ni film on Cu substrate, influence on magnetization 2—4392
- diffusion, of Co, correlation factor and mass dependence 2—36617
- diffusion in Al, temp. depend. 2—12798
- diffusion in Fe, grain-boundary, diffusion coefficient, Fick's first law 2—1271
- diffusion in GaAs p-n junction, illumination influence 2—10085
- diffusion of interstitial H, lattice relaxation 2—9613
- diffusion of oxygen, coeff. determ. using solid electrolyte 2—25467
- diffusion of Ru, dislocations effect, 725-1062°C 2—12803
- dilatation, calc. using Green function derivatives 2—22267
- dislocation arrangements resulting from Zn diffusion 2—25404
- dislocation damping factor, thermal part 2—25405

Copper continued
- dislocation half-loop mobility 2—9559
- dislocation mobility, at 44K, torsion technique obs. 2—32519
- dislocation reaction formation process of conical indentation on crystal cubic face 2—1288
- dispersed oxide reinforced, mech. props., effect of prod. technique 2—1341
- dispersion-strengthened, elec. cond. and tensile strength 2—9684
- divacancy migration, pseudopot. theory 2—15748
- ductility, effect of annealing in vacuum or air 2—12882
- dynamic recrystallization during hot torsion 2—29450
- elastic consts., second- and third-order lattice theory 2—9632
- elastoresistivity, neutron irradiation effect, 20K 2—25371
- electrical conductors at cryogenic temps. 2—40173
- electrical resistivity, recovery after plastic deform., deviation from Matthiessen's rule 2—25579
- electrical resistivity and specific heat obs. by impulse method 2—22487
- electrodeposition, morphology, effect of pulsating potentials 2—13586
- electrodeposition, o-phenanthroline impurity distrib., X-ray small-angle scatt. obs. 2—19114
- electrodeposits, single crystal, growth and structure, electron diffraction study 2—29015
- electrolytic, effect of annealing and cold working on Young's modulus 2—39758
- electrolytic, extrusion, recrystallization texture, mech. props. 2—3926
- electrolytic decoration, of Ni single crystals, dislocations and low angle boundaries obs. 2—39701
- electron diffraction, estimates of contributions from electronic excitation, thermal diffuse and disorder scattering to optical potential 2—29116
- electron emission, secondary, coeff for metastable atoms, meas. by gas cell method 2—6932
- electron irrad., dislocation pinning 2—9560
- electron irrad., Frank loops, growth and form, vacancy and interstitials absorpt. 2—3789
- electron irradiated, point defect dragging contrib. to dislocation damping 2—25400
- electron irradiation, defect prod. rel. to lattice parameter/resistivity change ratio 2—15740
- electron irradiation damage, in h.v. microscope, temp. and impurity effects 2—22183
- electron work function for (100), (110), (111) and (112) faces of single crystals 2—33083
- electronic stopping power of 19.4 keV Ne ions 2—9913
- electronic struct. temp. depend., n.m.r. obs. in solid and liq. states 2—10545
- electronic structure, melting effects, n.m.r. obs. 2—7136
- e.m. wave propagation, non-local regime 2—16120
- epitaxial film, surface impurity effects, elec. diffr. obs. 2—39507
- epitaxial film growth, on NaCl, effect of H_2O vapour 2—12657
- epitaxial film growth 2—32362
- explosion welded, interface structure, electron microscopy obs. 2—3945
- fatigue by unidirectional repeated tensile loading 2—12893
- fatigue cracks in single crystals 2—3908
- fatigue strength, freq. effect, high temp. 2—36147
- Fermi surface, positron ang. correl. obs. 2—29569
- Fermi surface, positron annihilation 2—32880
- Fermi surface interpolation schemes, muffin tin zero 2—16099
- film, atomically smooth (111), vacuum deposited on NaCl 2—39488
- film, electromigration direction 2—36075
- film, electron diffr. rel. to channelling 2—35969
- film, electroplated and vapour deposited, structure, X-ray diffr. obs. 2—22072
- film, Kikuchi pattern, electron channeling 2—9399
- film, laser beam irrad., rupture threshold 2—9263
- film, oxidation, in situ electron microscope obs. 2—18936
- film, oxidation by parallel layers, optical transmittance obs. 2—40812
- film, physical adsorption of Xe, surface pot., surface roughness effect 2—9315
- film, proton bombardment, radiation defect annealing, 93-263K 2—22174
- film, proton deceleration 2—6702
- film, r.f. sputtered, Cr/Cu on plastic film substrate rel. to resistor network prod. 2—39504
- film, technique for stripping from mica substrates 2—39489
- film, vacuum deposited, internal friction, 4.2-77 K 2—29245
- film adhesion to glass and MgO, tangential shear meas. 2—3977
- film backed by Pb, induced supercond., tunnelling obs. 2—6775
- film on Al substrate, x-ray photoemission obs. 2—19805
- film on plexiglass or LiF, diffusiom processes occurring during blast compression time 2—29203
- fine enamelled wire, springback testing 2—27182
- fine particles, n.m.r. and mag. susceptibility, size effect 2—40772
- foil, gas bubbles intersected by dislocations, nucleation on atomic steps 2—9553
- foil as heat exchanger for dilution refrigerator, perforation by sewing machine 2—26992
- form factors, local pseudopot., band gap 2—6723
- glide dislocation, elastic energy 2—1253
- hardening curve, for single cryst., u.s. vibr. effects 2—36195
- heat capacity inversion by quadratic programming 2—6678
- heat of sublimation, mass spectrometric obs. 2—36351
- heavy ion irradiated, defect cluster visibiltiy, electron microscopy 2—9520
- heavy ion sputtering yield, atomic number depend. 2—40114
- high purity, research survey 2—12924
- high velocity impact, investigation of temperature increases 2—9645
- L-histidine hydrochloride monohydrate:Cu(II), single crystal, lattice position of Cu from polarized absorption spectra and e.p.r. 2—36978
- hot working, secondary recrystallization kinetics 2—15903
- implantation of heavy nuclei, study of hyperfine interactions 2—7020
- interband absorption and energy distrib. of photoemitted electrons one-electron analysis 2—29913
- interdiffusion with Permalloy in plated-wire memory annealing 2—1348
- internal friction, freq. depend., 150-1500 Hz 2—9638
- internal friction, freq. depend., 150-1500 Hz 2—9639
- internal friction under neutron irrad. and fatigue 2—15805
- interstitial diffusion in Pb 2—25470
- irradiation damage, Cu^+ produced defect cluster size and distrib. 2—1235
- irradiation swelling, expt. test of quasi-chemical model 2—32489
- island form. during surface diffusion on Mo 2—28999
- isotopes, Knight shift, macroscopic magic axis rot. 2—13552
- K_2SeO_4:Cu^{2+}, e.p.r., rel. to phase transitions 2—33341

Copper continued
laser radiation focusing effects in He and air, pulse holography obs. 2—12475
lattice dynamics, extended De Launay's model 2—19335
lattice dynamics 2—32803
lattice dynamics 2—32800
LEED, expt. confirmation of modified inelastic collision model 2—32325
LEED of (100) and (111) faces. intensity, energy spectra 2—25178
LEED of (100) and (111) faces, intensity energy spectra, Debye temp. 2—25179
liquid, embrittlement of notched Fe, Cu diffusion ahead of crack, 1373-1403K 2—12897
liquid, struct., neutron diffr., data scaling by Krogh Moe-Norman-Vainshtein method 2—35731
magnetic pseudopotential, spin and spin-orbit interaction dependent 2—36659
magnetic surface levels, Fermi vel., microwave reson. obs. 2—36427
magnetoresistance, transverse, linear field depend. rel. to Fermi surface topology 2—4156
mechanical behaviour under compressive loading 2—29230
metal, fast neutron irradiation, resistivity, recombination volumes 2—25763
microhardness, rel. to proton and α-particle irrad. 2—39847
microstructure, following explosive shock deform. 2—9650
microwave transmission spectroscopy, cyclotron phase resonances 2—19527
muffin tin zero, phase shifts and logarithmic derivatives 2—16098
NBS sample, measurements of expansion below 30 K 2—16050
Nernst-Ettinghausen coeff. and Kondo effect 2—10134
nuclear spin-lattice relax. time obs., 1-10 mK 2—13553
of secondary electron emission anisotropy, using new apparatus 2—33093
OHFC, shear strength, pressure derivative, pressure and strain sensitivity 2—22279
optical and thermal effective masses 2—32881
oxidation kinetics, scale formation, diffusion mechanism 2—4589
oxidised, surface struct., RHEED obs. 2—39457
phonon density of states, Brillouin zone integration by combined linear and quadratic interpolation 2—19501
phonon dispersion and spectra, Debye temps., angular force effects 2—32807
phonon dispersion relations 2—4030
phonon freq. distrib. functions determ. 2—13023
phonon freqs., static dielec. function calc. from model band struct. 2—40043
photoelectric emission, far-u.v. props. 2—10159
photoemission, u.v.-excited, scatt. processes rel. to electronic struct. 2—16332
plastic deformation, stored energy, calorimetric determ. 2—9649
plastically deformed, hydrogenated, internal friction, dislocation-H interaction 2—12832
plastically deformed, stored energy, yield stress and recrystn. 2—19181
plating, bonding strength on Fe 2—19292
polycrystalline, low temp. plastic flow, stacking fault energy, flow stress 2—12868
polycrystalline sample, effect of Hg on breaking strength, under effect of u.s. vibration 2—6557
positron annihilation, ang. correl. curves, lattice defects influence 2—9906
positron annihilation in single crysts., temp. effects 2—25714
positron interaction, with dislocation cores 2—3778
powder, sintering kinetics, mass transport mechanism 2—22346
powder pressing, effect of press. and temp. 2—3972
precipitate colonies in Si 2—32779
precipitate colonies in Si 2—36286
pressurized, flow stress 2—12851
pressurized, with oxide inclusions, dislocation struct. 2—15761
proton dechannelling, backscatt. and X-ray yield study 2—40106
pure, porous-homogeneous couple, vacancy migration, pore redistrib. 2—12986
radiation-induced hardening after deform. by rolling 2—39898
rare earth nuclei in copper, time-dependent ang. correlations meas. 2—7021
reflectivity spectra, interband transitions 2—10344
residual resistance, due to neg. and positive impurities 2—9951
resistivities, electrical and thermal, temp. dependence 2—22490
rods, hydrostatically extruded, residual stress distribution 2—3883
rolling, 77K, annealing, secondary recrystallization 2—12934
Ruderman-Kittel interaction, n.m.r. obs. 2—1733
rupture surface microstructure, electron microscope examination 2—39812
secondary electron emission rocking curve, theory and expt. 2—22661
shear modulus, effect of neutron irradiation at 4K on polycryst. sample 2—22278
shock wave incidence onto wedge shaped cavity, processes 2—29250
single cryst., electron irrad. at 0.5 MeV, radiation damage 2—9532
single crystal, strain free prep. 2—22126
single crysts., fatigue hardening, fatigue life, work hardening, cyclic deform., fracture 2—6568
single crysts., LEED, surface quality effects, temp. effects, intensity-energy spectra 2—29000
sintered, stress-strain curve rel. to degree of deform. 2—19172
slip initiation and microstrain behaviour rel. to dislocation struct., single cryst. 2—3885
solid, angular distribution of backscattered inelastic electrons in X-ray spectral microanalysis 3-30 keV 2—26384
spot welding of thin sheets 2—19252
sputtered products from 10 keV Ar^+ collisions, energy spectra 2—36651
sputtered-particle velocity spectra 2—16076
sputtering in O_2, influence of plasma electron density 2—3527
stacking fault, twin and point defect energies, pair pot. calcs. 2—15747
stacking fault energy, electron microscope obs., weak beam method 2—3786
stacking fault energy, electron microscope obs., weak beam method 2—3787
stacking fault energy, twin boundary energy temp. coeff. 2—32533
steel, quenched, aged, alloy addition, effect on mech. props., weldability 2—19239
steel/Cu sandwich sheet composite materials, mech. props., press-formability 2—12819
stored energy, after plastic deformation 2—3864
stress-strain relations, dynamic compressive test 2—39876

Copper continued
surface, intensities of Auger lines excited by electron and X-ray irrad. 2—12638
surface. ion bombardment, scanning electron microscopy 2—18921
surface, LEED spectra in ion core scatt. model 2 -6311
surface diffusion coeffs., vapour phase at transport rel. to meas. 2—32337
thermal cond., low temp. 2—6690
thermal diffusion in Pb, heats of transport 2—22242
thermal expansion, anharmonic contrib., high temp. 2—32845
thermal expansion, at high temps., anharmonic contribs. 2—40081
thermal expansion, cooperative measurement using pushrod dilatometers 2—16045
thermal expansion at 283 K 2—16049
thermal expansivity data, rel. to thermal vacancies 2—16042
thermal resist. between electron and phonon systems 2—32853
thermomodulation spectra 2—36855
thermopower temp. depend., vacancy form. influence 2—10135
thin film, thin, absorbed Ar effects obs., at 10^{-6} torr pressures 2—1485
torsional fatigue, 78 K, shear modulus, internal friction 2—22260
tube, accelerating, electric field induction nearby 2—17507
twin boundary free energy-grain boundary free energy average ratio 2—32537
ultracold neutron absorption, total cross section 2—18250
vacancies, positron trapping, angular correlation data analysis 2—25386
valence band struct. from u.v. photoelectron spectra 2—36650
viscosity under high velocity impact 2—6544
welding, some kinetic aspects of cracking 2—12959
wire, electrical explosion, radiation in infrared, visible, u.v. and vacuum u.v. spectral ranges 2—3214
wire thermal feedthrough, construction, for use at low temps. 2—30718
X-ray emission spectra, Lorentzian representation of line shape 2—40699
yield point, temp. depend., after high press. treatment 2—19182
K atomic beam scatt. from [100] surface obs. 2—6312
AgBr:Se, Cu, e.s.r. spectra 2—4537
AgCl:Cu, ionic cond., temp. and Cu conc. effects 2—36583
Al-Cu multilayer, internal friction, yield point, thickness and defect depend 2—1287
Al-Cu thin films, electromigration damage 2—6344
CdS:Cu, i.r. luminesc. 2—13503
CdS:Cu, photo-Hall effect, i.r. quenching 2—33068
CdS:Cu, trap parameters, thermolum. study 2—19668
CdS:Cu powder phosphor, prep. and electolum. 2—40733
CdSe-Cu, Cl layer, sintered, operation in longitudinal photoconductivity mode 2—29764
$CdSnP_2$:Cu, cathodoluminesc. and photoluminesc. 2—10452
Cu:Au, ion channelling, interaction with substitutional and interstitial atoms 2—36050
Cu:^{166}Er, time differential study 2—7023
Cu/Pb double layers, parallel critical mag. fields 2—16187
Cu/α-brass diffusion couple, substruct. of diffusion zone 2—39739
Cu-Be electron photomultiplier, procedure for restoring signal-to-noise ratio 2—2373
Cu-CdS system, transient internal photoemission of carriers 2—13209
Cu-Fe-Al_2O_3 powder, sintering, shrinkage equation 2—6620
Cu-Ni-Cr coating, testing at marine microclimate 2—1751
Cu, spiral elongation test, annealability, impurities, heat treatment, quality factors 2—3932
Cu I, line broadening consts., theoretical estimation 2—2919
Cu^- in KCl and NaCl, stress induced linear dichroism 2—33208
Cu^+, Hartree-Fock-Slater theory, Herman-Skillman modification 2—5775
Cu^+ at tetrahedral sites, field models modification, Jahn-Teller interaction 2—7013
Cu^+ in alkali halides, uniaxial stress effects on off-centre pot. 2—20020
Cu^{2+}, ferrimag. resonance in BiCaVI garnet 2—4534
Cu^{2+}, hydrated, e.p.r. in $ZnSeO_4.6H_2O$ 2—10525
Cu^{2+}, in adamite, spin Hamiltonian parameters detn., e.p.r. obs. 2—36994
Cu^{2+}, in complex halide, tetrahedral coordination, e.s.r. obs. 2—20134
Cu^{2+}, in $Na_2Zn(SO_4)_2.4H_2O$, e.s.r. 2—7122
Cu^{2+}, in P_2O_5-B_2O_3-Cs_2O glass, e.p.r. study 2—28976
Cu^{2+} e.s.r. in Tutton salt 2—13539
Cu^{2+} spin-lattice relax. in zinc tutton salts 2—10274
Cu(II), e.p.r. in P_2O_5-Al_2O_3-Cs_2O glass, struct. and comp. depend. 2—18899
$^{63}Cu_2$, rot. analysis of A-X system bands 2—783
$^{69}Cu^{2+}$, distant ENDOR obs. in $ZnX_2(SO_4)_2.6H_2O$ where X=NH_4, K. Rb, Cs 2—30031
Cu(100), adsorption of CO, structural influences on adsorption energy 2—25225
$Cu^{2+}(2H_2O)$, paramagnetic impurity in ammonium chloride, obs. from n.m.r. of proximate nuclei 2—37015
GaAs:Cu, impurity vibrs. of defect complexes 2—36316
GaAs:Cu, proton irrad., photocond. 2—36610
p-GaAs:Cu, radiative recomb. under carrier heating conditions 2—4476
n-GaAs, Cu diffused, photoluminesc., donor-Cu complex 2—10439
p-Ge:Cu, impurity compensation effect on elec. props. under press. 2—19687
n-InP:Cu, l.f. current oscill., bulk negative resist., electron transfer, trapping 2—22538
KCl:Cu, thermolum., glow curves, trap parameters 2—36953
$NH_4Br(Cl)$:Cu phosphor, cryst. growth and spectra 2—1710
NaCl:Cu, new paramag. centre, e.s.r. obs. 2—36980
NaCl:Cu, thermolum., glow curves, trap parameters 2—36953
NaCl:Cu^+ lattice reson., even parity, anharmonic coupling, Raman scatt. obs. 2—16558
Pb/Cu double layer, supercond. crit. mag. fields detn. 2—25780
Pb-Cu-Pb sandwiches, supercurrent density 2—9961
Pb-Cu proximity sandwich, tunneling on both sides from supercond. Al base electrodes 2—19558
Si:Cu n^+-p junction, characts., dopant conc. profile 2—25890
(Zn,Cd,Hg)S:Cu,In electroluminor, electrolum., radiation enhancement 2—36968
ZnS:Cu, Cl film, l.v. electroluminesc. 2—40726
ZnS:Cu, Cl film, optical and electrical switching of dark cond., and photocond. at 77K 2—40380
ZnS:Cu, electrolum., impurity conc. and firing temp. effects 2—36964
ZnS:Cu, electroluminesc., nature of luminous regions, dislocation theory 2—40736
ZnS:Cu, photoluminesc. quenching by secondary rad., dynamic theory 2—26226
ZnS:Cu, polytypism and phase transformations 2—25350

Copper continued
- ZnS:Cu, temp. effect on electrolum. decay 2—20120
- ZnS:Cu,Cl phosphor electrolum., charged imperfections effects 2—36967
- ZnSe:Cu,Er^{3+}, cryst. field at Er^{3+}, LCAO-MO calcs. 2—26096
- $ZnSeO_4.6H_2O:Cu^{2+}$, optical activity 2—19966
- $ZnSeO_4.6H_2O:Cu^{2+}$, optical activity 2—16420

Copper alloys
- *see also Copper compounds*
- age hardening, heat treatnent, mech, props. rel to cold working 2—19241
- brass, 70-30 cartridge, indentation hardness, grain size 2—32652
- β-brass, annealing, high temp. deformation, discontinuous yielding, superdislocation climb 2—39781
- brass, annealing twins, form. mechanism 2—39889
- β-brass, band struct., u.v. photoemission obs. 2—1589
- α-brass, deformed grain growth rates 2—39924
- α- brass, density of states 2—4109
- brass, determination of elastic constants by measurement of Rayleigh wave velocity along edge of a thin disc 2—17370
- brass, development of improved etchants, electrochemical techniques 2—18920
- brass, fatigue, use of high power ultrasonics 2—36185
- α-brass, fatigue ductility, under cyclic stressing 2—12905
- brass, fatigue rupture, fracture surface morphology 2—12907
- β'-brass, Fermi surface, positron annihilation 2—16129
- brass, influence of structural damage on fracture toughness 2—15837
- β-brass, Ising ferromagnet, phase changes, neutron scatt. obs. 2—26029
- β-brass, long-range order 2—36231
- brass, ordering parameter 2—25595
- brass, phase transform., detect. by exoelectron emission method 2—36623
- α-brass, stress corrosion cracking, strain rate depend. 2—6573
- α-brass, texture transition, orientations, neutron diffr. 2—19047
- α-brass, twin boundary free energy-grain boundary free energy average ratio 2—32537
- brass, vacancy form. during recrystn. 2—39888
- β-brass, yield stress, anomalous temp. depend. 2—29258
- α-brass deformation, meas. by electrolytic sodium thiosulphate etch, detect. sensitivity 2—12852
- γ- brasses, Cu_5Zn_8 and Cu_5Cd_8, structure 2—15719
- γ- brasses in Cu-Zn-Al system, ternary, structure 2—15718
- c.p., stacking order stability 2—12713
- Cu-(10 at.%)Al alloy, computer simulated dislocation image comparison 2—22207
- Cu-Be, microalloying, research survey 2—12924
- dilute, asymptotic behaviour of oscillation of charge density surrounding impurity 2—29608
- dilute, asymptotic region of charge density around impurities from n.m.r. obs. 2—20158
- dilute, elec. field gradients in single crysts. 2—16667
- dispersion-strengthened, elec. cond. and tensile strength 2—9684
- duralumin, deformation at 77K, resistivity decrease, effect of ageing 2—19543
- erosion rate, rel. to mech. props. 2—29339
- Incramet, elec. and thermal cond. 2—19456
- intergranular brittleness, low temp. 2—19203
- stress corrosion cracking susceptibility, effect of post form. heat treatment 2—36168
- structure, elec. cond. and hardness, effect of Zr alloying addition 2—9715
- texture rel. to background X-ray scatt. 2—29111
- X-ray diffraction peak, due to coherent scatt. by superlattices 2—12722
- Ag-Cu alloys, evidence for preoxidation state and its characteristics 2—26347
- Al-Al_2Cu, dendrite form., size determ. 2—39918
- Al-(17.3 at.%)Cu, amorphous phase formation by splat quenching 2—32687
- Al-Cu-Cd(In), ageing, elec. resist. change 2—9755
- Al-(4 wt.%)Cu, fibrous struct. of precipitates produced at scratch 2—39917
- Al-Cu, as-cast struct., time-temp.-dissociation diagram 2—36297
- Al-Cu, coarsening of θ and θ' precipitates 2—9751
- Al-Cu, crystal growth from stagnant or flowing melt 2—3582
- Al-Cu, decomposition, Guinier-Preston zone, X-ray diffr. 2—9445
- Al-Cu, dil., impurity resist., temp. depend. 2—40169
- Al-Cu, dil., optical props. and band struct., impurity effects 2—16463
- Al-Cu, directionally solidified eutectic composite, electron microscopy 2—9779
- Al-Cu, G.P.(1) zone size determination by X-ray small-angle scattering 2—3940
- Al-Cu, isothermal tempering, elec. resist. study 2—25571
- Al-Cu, loss of coherency of θ' precipitates 2—12966
- Al-Cu, plane strain fracture toughness 2—29322
- Al-Cu, precipitation, internal friction obs. 2—9791
- Al-Cu, quenched, pre-precipitate formation and reversion 2—25590
- Al-Cu, resist. peaks, rel. to precip. 2—9955
- Al-Cu, struct. changes during long-term natural ageing 2—36213
- Al-Cu conductors, electromigration life depend. on grain size distrib. 2—32560
- Al-Cu eulectic, splat cooling on diamond substrate 2—18926
- Al-Cu film, activation energy for electromigration 2—12797
- Al-Cu films, electromigration failure activation energy 2—39736
- Al-Cu thin film conductors, electromigration life, microstructure effects 2—39735
- Al-4%Cu alloy, Guinier Preston zones, subject to tempering, interaction with Kikuchi 200 band 2—6489
- Al-4%Cu film, resistance changes due to precipitation during power annealing 32759 2—32759
- Al-4%Cu reversion phenomena due to dissolution of G.P. zones 2—39885
- Al-$CuAl_2$, eutectic system, morphological obs. of eutectic-dendrite breakdown 2—3439
- Al-$CuAl_2$ eutectic, diffusion of Zn, dislocation and boundary effects 2—3818
- Al-$CuAl_2$ lamellar eutectic, fracture energy 2—39838
- AlCu, temper vacancy elimination, correl. with precipitation stages, resist. obs. 2—15897
- $AlCu_3$, true colour and martensitic transform. 2—1657
- Au-(14 at.%)Cu, Portevin-Le Chatelier effect 2—22265
- Au-Cu, Portevin-Le Chatelier deform. bands 2—12849
- AuCu, hardened, annealed, Frank loops 2—15760
- AuCu II particles, growth and struct. 2—6346
- $AuCu_3$, antiphase boundary influence on lattice parameters 2—39631
- $AuCu_3$, electronic sp. ht., ordering influence 2—1431

Copper alloys continued
- Au_3Cu, resist. and thermoelec. power during ordering 2—15979
- Ba-Cu, system, thermal and differential thermal analysis, phase diagram 2—3955
- α-brass/Cu diffusion couple, substruct. of diffusion zone 2—39739
- α-brass, sublimation in vacuo, applic. of elec. analogy method 2—18888
- Ca-Cu, system, thermal and differential thermal analysis, phase diagram 2—3955
- Ca-Ni, liquid and solidus curves, electron probe microanalysis, point counting obs. 2—3433
- Co-8.8wt.%Cu, precip., complex form. 25593 2—25593
- Co-Fe-Cu-Ce, permanent magnet, directional solidification 2—25594
- Cu-1.8 wt.%Be, ageing, microstruct. changes, Guiner Preston zone growth19247 2—19247
- Cu-(14.3 wt.%)Al equilib. surface segregation, Auger electron spectroscopy meas. 2—25625
- Cu-Ag-Au, sp. ht. low temp. meas. 2—4065
- Cu-Ag, discontinuous precip. and dislocation climb 2—1367
- Cu-Ag, liq. binary, excess Gibbs energies, heats of mixing, mass spectrometric intensity ratio method, 1000-1250°C 2—18814
- Cu-Ag eutectic system, elastic moduli, u.s. wedge method obs. 2—39760
- Cu-Ag films, sputtered, investigation of factors affecting composition 2—32363
- Cu-Al-Fe. superplastic, high temp. tensile testing 2—15832
- Cu-Al-Fe, superplasticity, rel. to microstructure 2—32606
- Cu-Al-Ni, γ'-phase morphology, electron microscope obs. 2—36042
- γ'-Cu-Al-Ni, martensitic, elastic twinning, stress effects 2—15769
- Cu-Al-Ni, martensitic transformation, internal friction obs. 2—3842
- Cu-Al-Ni, single crysts., internal friction temp. depend., 173-373 K 2—32589
- Cu-Al-Ni film, martensitic transform, growth of γ'-phase 2—29464
- Cu-Al-Zn, stacking fault energy, electron microscope determ. 2—12773
- Cu-Al, aluminium bronze, superplastic, tensile props. 2—15833
- α-Cu-Al, anomalous behaviour, stat. thermodynamic eqns., vacancy conc., atom arrangements 2—6480
- Cu-Al, α-phase, elastic consts. 2—3833
- Cu-Al, cold worked and annealed, small angle X-ray scatt. obs. 2—25592
- Cu-Al, effect of stacking fault energy on solid state creep rate 2—15850
- Cu-Al, equilib. surface segregation, Auger electron spectroscopy meas. 2—25627
- 3wt.%Cu-Al, fatigue life. ageing, precipitation structure, entangled dislocations3952 2—3952
- Cu-Al, Fermi surface, positron annihilation obs. 2—13087
- Cu-Al, internally oxidized, mech. props., influence of recrystn. 2—39887
- Cu-Al, liquid metal embrittlement, role of plastic deformation 2—3898
- Cu-Al, martensite transform., shape memory effect 2—9789
- γ'-Cu-Al, martensitic, elastic twinning, stress effects 2—15769
- Cu-Al, microalloying, research survey 2—12924
- Cu-Al, microstruct. and mech. props., effect of thermomechanical treatment 2—36202
- Cu-Al, microstruct. following explosive shock deform. 2—9650
- Cu-Al, quasi-elastic force coeff. and anharmonic coeff., X-ray diffr. study 2—13024
- Cu-Al, single cryst., internally oxidized, particle size and distrib., SEM obs. 2—15716
- Cu-Al, struct. and props., effect of deform. and annealing temp. 2—12888
- Cu-Al, surface segregation, adhesion and friction 2—22303
- Cu-Al ($\alpha+\beta$)-two-phase region boundaries, metallography 2—22374
- β_1'-Cu-Al martensite, shape memory effect rel. to stress induced phase transformations 2—25626
- Cu-Al(Cr), specific resist., second phase formation and solution kinetics 2—29428
- Cu-Al_2O_3, characteristics, obs. 2—39913
- Cu-Au, dilute, charge density oscill. around impurities, n.q.r. obs. 2—16666
- Cu-Au, neutron irrad., deviation of longit. magnetoresistance from Kohler's Rule 2—16143
- Cu-Au, neutron irradiated, deviations from Matthiessen's rule 2—16144
- Cu-Au, ordered, field-ion microscopy obs. 2—12723
- Cu-Au composite surface, Au layer struct., props. 2—22689
- Cu-Au imperfect cubic lattice, phonon dispersion curves 2—40045
- Cu-Au(Ge)(Ni)(Zn), dil., low field magnetoresistance 2—1474
- Cu-B, phase diagram, reassessment 2—3432
- Cu-Be-Co, microstruct. and mech. props., effect of heat treatment conditions 2—29299
- Cu-Be, elec. and thermal cond. 2—19456
- Cu-Be, zone formation and precipitation, 100-160°C, neutron irradiated 2—39905
- Cu-Be alloy, spring characteristics of thin leaf springs 2—25476
- Cu-Be changes in resistivity during high temperature neutron irradiation 2—29166
- Cu-Be changes in tensile properties during irradiation and post-irradiation ageing 2—29284
- Cu-2%Be, h.v. electron microscopy, in situ damage, temp. and impurity effects 2—22183
- Cu-(1.9 wt.%)Be, precip. substruct. depend., of fatigue props. 2—22283
- Cu-Cd, base alloy, increase in critical resolved shear stress in temp. independent region 2—9766
- Cu-Co, melt, dissolution of O_2, enthalpies of reaction, e.m.f. obs., activation parameters 2—3956
- Cu-Co, single crystals, containing coherent precipitates, work hardened, plastic behaviour, disloaction arrangement 2—3936
- Cu-Co, work hardening, dislocation arrangement obs. 2—19243
- Cu-(1.9wt%)Co, Cu-(2wt.%)Co-(6wt.%)Zn, precip. effects on mech. props. 2—3913
- Cu-Cr-Mn, nonmag., Elinvar-type, heat treated, cold worked, Youngs modulus, rigidity, thermal expansion, hardness, 123-673K 2—19160
- Cu-Cr-Si, internal oxidation, precip. morphology 2—29427
- Cu-Cr, determ. of virtual product $N_0^{(s)}.D_0$ for scaling 2—26348
- Cu-Cr, dil., cold-drawn, annealing effects 2—36197
- Cu-Cr, dil., nucl. spin-lattice relax. 2—36785
- Cu-Cr, immiscible film, thermally induced phase separation, nucleation, growth 2—6350
- Cu-Cr system, solubility limits determ. 2—39923
- Cu-Cr(Fe)(Mn), dil., localized moments, temp. depend. 2—40466
- Cu-Cr(Mn) dilute alloys, nuclear spin-lattice relax. times, obs. and analysis 2—7003
- Cu-2at.%(10at.%Al, work hardened, stage II, dislocation arrangements, electron microscope obs. 2—3788

Copper alloys continued
  Cu-15 at.%Sn, b.c.c. to orthorhombic martensite transform., shape strain obs.6634 2—6634
  Cu-Fe-Mn, elinvar-type, nonmag., Youngs modulus, rigidity modulus, thermal expansion, hardness 2—29233
  Cu-Fe-S-O, phase equilibria, from 3-component phase diagrams 2—4012
  Cu-Fe, alloy, film, effect of precip. and matrix on phase transform. 2—6635
  Cu-Fe, creep limit rel. to α-γ transform. 2—29269
  Cu-Fe, dil., far-i.r. surface resist. 2—40172
  Cu-Fe, dil., films, Kondo effect 2—32917
  Cu-Fe, dil., Kondo effect, neutron diffr. obs. 2—19826
  Cu-Fe, dil., n.m.r. and spin-lattice relax., Kondo effect 2—36657
  Cu-Fe, dil., nucl. spin-lattice relax. 2—36785
  Cu-Fe, dilute, low temp. elec. resistivity rel. to simple powers of T in Kondo effect 2—29614
  Cu-Fe, dilute, nuclear relax. rates temp. depend. above Kondo temp. 2—7004
  Cu-Fe, mag. and struct. transforms. of Fe precipitates 2—39981
  Cu-Fe, melt, dissolution of O_2, enthalpies of reaction, e.m.f. obs., activation parameters 2—3956
  Cu-Fe, thermodynamic functions, activities, mass spectrometric obs. 2—36351
  Cu-Fe films, mag. props. 2—10243
  Cu-Fe(Mn), dil., high-field magnetiz. of interacting mag. moments 2—40467
  Cu-Ga, quenched hypereutectoid, microstructure 2—9580
  Cu-Ga, solid soln., internal friction rel. to temp., dislocation interactions 2—15804
  Cu-Ga liq.. excess free enthalpy of mixing 2—32255
  Cu-Ga system, 3/2 electron cpds., thermodynamic props. 2—39934
  Cu-Ga(Ge)(Al) solid solutions, anelasticity, stacking fault energy effect 2—9636
  Cu-Ga(Ge)(Ni)(Zn), electronic sp. ht. 2—25732
  Cu-Ge, dil., elec. field gradients 2—10539
  Cu-Ge, thermodynamic analysis 2—22341
  Cu-Ge liq., excess free enthalpy of mixing 2—32255
  Cu-Ge solid soln., dislocation struct. of deform. twins, Burgers vectors 2—29182
  Cu-H(D) solid solution, thermodynamic function, calc. 2—3961
  Cu-In, base alloy, increase in critical resolved shear stress in temp. independent region 2—9766
  Cu-M dilute alloys, M=Au, Be, Co, Mg, Mn, Ni, Pt, Sb, Zn, impurity-Cu interstitial interaction 2—12759
  Cu-Mg-Al, enthalpies of form., Laves phases binding conditions 2—29475
  Cu-Mg-Sn, enthalpies of form., Laves phases binding conditions 2—29475
  Cu-Mg-Zn, enthalpies of form., Laves phases binding conditions 2—29475
  Cu-Mn-Ni, nonmag., Elinvar type, heat treated, cold worked, Youngs modulus, rigidity, thermal expansion, hardness 2—19161
  Cu-Mn, atomic and mag. short range ordering 2—1228
  Cu-Mn, dil., spin-lattice relax. of ^{63}Cu, electron spin relax. obs. 2—16404
  Cu-Mn, e.p.r., cond. electron loss effects 2—22832
  Cu-Mn, liquidus and solidus curves, electron probe microanalysis, point counting obs. 2—3433
  Cu-Mn, nondilute, Kondo effect, elec. resist. study 2—19917
  Cu-Mn, short-range order, MnO_2 contrib. to diffr. pattern 2—19267
  Cu-Mn, short range order 2—39640
  Cu Mn, solid solution, annealing, coherent ordered precipitates 2—3990
  Cu-Mn, solidification, chem. comp., constitutional diag., diffusion constant 2—28936
  Cu-Mn, solidification, rate effects on comp. at liquid-solid interface 2—28937
  Cu-Mn, solidification, sudden rate changes, initial transient and solute-distrib. profiles 2—28938
  Cu-Mn films, mag. props. 2—10243
  α-cu-Mn solid soln., struct. ordered., Hall resist., mag. field and temp. depend., annealing effects, 4.2-100K 2—32918
  Cu-Nb, oxidation and resistance, effect of Cu content 2—30065
  Cu-Ni/BN composite plasmic coating. prep., struct., and props. 2—12985
  Cu-Ni-1 wt.%Si, ageing behaviour, precip., GP zone form., struct. 25578 2—25578
  Cu-Ni-Fe, spinodal, microstruct. changes on fracture 2—9685
  Cu-Ni-Mn, dil., resist. and magnetoresist., Kondo effect 2—1484
  Cu-Ni-Mn. order-disorder transform. 2—15981
  Cu-Ni-Pd system, struct., 400-700°C, X-ray obs. 2—3705
  Cu-Ni-Si-Mg(Cr), age hardening behaviour rel. to cold working 2—32706
  Cu-Ni-Sn system, Cu corner, binary and ternary diffusion 2—19143
  Cu-Ni-Zn, phase regions, elec. resist. study 2—25641
  Cu-Ni-Zn, thermopower, 3d band filling 2—16304
  59wt.%Cu-12wt.%Ni-29wt.%Zn, thermomech. treated., strengthening mech. superposition 2—32688
  Cu-Ni, Auger spectra, comp. depend. 2—12646
  Cu-Ni. Debye temperature, effect of lattice defects 2—19383
  Cu-Ni, density of states, X-ray photoemission spectroscopy meas. of valence band 2—25731
  Cu-Ni, dil. Fe effect on low temp. sp. ht. 2—40071
  Cu-Ni, dilute, charge density oscill. around impurities n.q.r. obs. 2—16666
  Cu-Ni, disordered binary substitutional Debye charact. temp. 2—22422
  Cu-Ni, Fe-doped, critical mag. ordering temps. 2—40468
  Cu-Ni, Fermi surface, positron annihilation 2—16129
  Cu-Ni, Fermi surface, positron annihilation obs. 2—32879
  Cu-Ni, interdiffusion, void form., marker movement, press. effects 2—39738
  Cu Ni, Kirkendall effect and diffusion coeff. 2—39740
  Cu-Ni, light cond., interband transitions 2—26171
  Cu-Ni, melt, dissolution of O_2, enthalpies of reaction, e.m.f. obs., activation parameters 2—3956
  Cu-Ni, ordered. band struct. 2—16105
  Cu-Ni, random, density of states 2—4119
  Cu-Ni, resistivity changes arising from cyclic deformation 2—15905
  Cu-Ni, solidification, chem. comp., constitutional diag., diffusion constant 2—28936
  Cu-Ni, solidification, rate effects on comp. at liquid-solid interface 2—28937
  Cu-Ni, solidification, sudden rate changes, initial transient and solute-distrib. profiles 2—28938
  Cu-Ni, vacuum u.v. spectra, comparison with sandwich structures 2—20021
  Cu-Ni films. thermopower, thickness depend. 2—6893

Copper alloys continued
  Cu Ni interdiffusion coeff., conc. depend., diffusion coeff. at infinite dilution 2—19146
  Cu-Pb system, sublimation in vacuo, applic. of elec. analogy method 2—18888
  Cu-Pd, dilute, charge density oscill. around impurities n.q.r. obs. 2—16666
  Cu-Pd(Ag) bimetal films, diffusion kinetics, size effects 2—9618
  Cu-Pt, dilute charge density oscill. around impurities, n.q.r. obs. 2—16666
  Cu-Pt, ordering 2—15980
  Cu-Sb, elastic moduli, alloy, composition and phase variations 2—39759
  Cu-(1wt.%)Si, flow, microdynamics, slip initiation 2—3885
  Cu-Sn, elastic moduli, alloy, composition and phase variations 2—39759
  Cu-Sn, surface segregation, adhesion, friction 2—22303
  Cu-Sn liq., excess free enthalpy of mixing 2—32255
  Cu-Sn system, liq., electronic struct. 2—9078
  Cu-Ti, electron struct. band struct., X-ray fluoresc. spectra obs. 2—16112
  Cu-Ti, supersaturated, decomp. and strengthening 2—39922
  Cu-Ti intermetallic phases, chemical bonding, X-ray absorpt. spectra 2—22763
  Cu-Zn, β-brass, dynamic compressive behaviour, yield stresses 2—3853
  Cu-Zn, dendritic precipitate growth kinetics 2—19262
  Cu-Zn, dilute, charge density oscill. around impurities, n.q.r. obs. 2—16666
  Cu-Zn, effect of stacking fault energy on solid state creep rate 2—15850
  Cu-Zn, Fe local moment behaviour 2—40416
  β-Cu-Zn, ordered, Fermi surface topology from positron annihilation ang. correl. meas. 2—16130
  Cu-Zn, spectrochemical analysis in elec. discharge, role of controlled atmos. in suppressing 'third' element effect 2—4615
  Cu-Zn heat of evaporation and activity of Zn determ. 2—16031
  Cu-Zr-Cr, role of Cr and Zr on rolling and annealing texture 2—3946
  Cu-1%Co, single-multiferromag. domain transition of precipitates. neutron scatt. obs. 2—4361
  Cu-1%Co, single ferromag. domain precipitates. neutron scatt. obs. 2—4360
  Cu(14.3 wt.%)Al, precipitation, interphase boundary diffusion22248 2—22248
  $CuAl_2$, plastic deform. behaviour 2—19180
  CuAlFe system, Kondo temp., thermoelec. power, temp. and comp. depend. 2—25946
  CuAlZn, work hardened, extended dislocation clusters, energy obs. 2—15762
  Cu_3As, prep. and props. 2—1409
  Cu_3Au:Fe atom ordering, electron struct. elec. resist., mag. susceptibility 2—9921
  Cu_3Au-Co, precip.-hardening, electron microscope obs. 2—29383
  $Cu_{95}Au_5$-Fe Kondo system, mag. field depreciation 2—36444
  CuAu, effect of twinning on particle size, calc. 2—3950
  CuAu, first order phase change, two-dimens., Ising model 2—15960
  CuAu, quenching temp. influence on high temp. phase retention 2—25570
  Cu_3Au, diffusion in heterogeneous biphase structure 2—39727
  Cu_3Au, quenched, annealed, dislocation loops, Frank loops, Shockley dislocations 2—6494
  Cu_3Au, single cryst., fine struct. of slip lines, elec microscope obs. 2—15717
  Cu_3Au,ordering kinetics during quenching 2—29426
  Cu_5Cd_8 γ-brass, structure 2—15719
  CuFe, dil., press. effect on Kondo temp. 2—19545
  CuFe thermal ecpansion coefficient at 283 K 2—16049
  $CuGa_2$, cryst. struct. and electron correlations 2—19048
  $Cu_{10}Ge_3$, distorted CuZn struct. 2—29465
  $Cu_3Ge_{0.5}Sb_{0.5}$, struct. phenomena, 2-electron correlation model 2—29466
  Cu_2In, struct. of NiAs-type 2—32455
  CuMn thermal expansion coefficient at 283 K 2—16049
  Cu_2MnAl single crystal magnetic anisotropy, 77 to 300 K, obs. 2—40453
  Cu_2MnSn, Mossbauer effect study of hyperfine fields at Sn sites 2—36833
  Cu_2MnSn single crystal magnetic anisotropy, 77 to 300 K, obs. 2—40453
  CuNi, quenching temp. influence on high temp. phase retention 2—25570
  Cu_2NiSn-Mn, Heusler type, s-d exchange energy 2—22674
  β-CuPd, a/8[110](1$\bar{1}$0) faulting in prestrain induced transform. stage, X-ray obs. 2—32763
  Cu_3Pd, long period ordered struct., phase transition, X-ray obs. 2—9799
  $Cu_{.60}Pd_{.40}$, electronic structure studied by ESCA and X-ray spectroscopy, comparison with spectra of pure metals 2—32884
  CuSe, production and struct. determ. by electron microscopy 2—29139
  $Cu_{10}Sn_3$, distorted CuZn struct. 2—29465
  $Cu_{10}Sn_3$, struct. phenomena, 2-electron correlation model 2—29466
  α-CuZn, disordered, Fermi surface topology from positron annihilation ang. correl. meas. 2—16131
  β-CuZn, ordering kinetics, role of vacancies 2—13005
  Cu_5Zn_8 γ-brass, structure obs. 2—15719
  $Cu_{85}Zn_{15}$, positron annihilation, Fermi surface 2—1475
  Fe-Cu-C steel, sintered. precip. process during ageing 2—25580
  Fe-Cu, dil., spin-lattice relax. time 2—19932
  Fe-Cu, dilute ferromag., isotope pair struct. anomalies, n.m.r. 2—20159
  Fe—(1.4at.%)Cu, annealing, clustering, precipitation, atom probe field ion microscopy 2—3960
  Fe—Cu—C, activity coeff. of C, comp. depend. 2—9768
  Gd-Cu-Fe di-substitutional solid solns., form. conditions 2—19261
  Ge-Cu solid soln., precip. Kinetics 2—6639
  Mg-Cu-Zn 9-layer Laves phase composition and lattice constants determ. by single crystal and powder X-ray diffraction 2—39645
  Mn-Cu-Co, Elinvar type, temp. depend. of elastic consts. and hardness 2—32581
  Mn-Cu, Elinvar-type, thermal expansion and elastic moduli 2—13053
  Mn-Cu, Elinvar prop. 2—29438
  Ni-Cu-Au(Si)(Zn), ternary solid solutions, reciprocal mag. susceptibility, antiparallel coupling 2—4347
  Ni-Cu-Fe-graphite, sintering, phase and struct. changes 2—1401
  Ni-Cu-Si, mag. and struct. props. 2—33116
  Ni-Cu, differential sputtering yield 2—19477
  Ni-Cu, dil., mag. anisotropy energy 2—16369
  Ni-Cu, dil. ferromag., isotope pairs hyperfine struct. anomalies. n.m.r. 2—20159
  Ni-Cu, ferromag. alloy, n.m.r. study, localization of excess electrons around solute atoms 2—4558
  Ni-Cu, high field susceptibility, density of superparamag. clusters 2—26041
  Ni-Cu. Ni-Cu-C mechanical properties between 78 and 523 K 2—1278

Copper alloys continued
Ni-Cu, radiation damage in 500 kV electron microscope, dislocation loops 2—1238
Ni-(33 at.% Cu clustering kinetics 2—15934
Pd-Cu, X-ray spectra and band structure 2—36918
Pu-Cu, Pu-Ga-Cu systems, unit cell parameters, X-ray diffr. 2—15730
Sn-Cu, liquid, Knight shift comp. depend. rel. to conduction electron density 2—9177
Sn-Sb-Cu, η phase segregation prevention, solidification depend. 2—3965
Sn, quantitative analysis by Mossbauer spectroscopy 2—16710
Sr-Cu, system, thermal and differential thermal analysis, phase diagram 2—3955
Y-Cu solid solution, atomic struct. 2—19271
Zn-Cu-Mg system, phase diagram, DTA, electron microprobe analysis 2—40013
Zr—Cu, Zr—Cu—M, (M=Mo, Ni, Cr), structural transforms. on continuous cooling 2—1391

Copper compounds
see also Copper alloys
carbonates, study of amorphous-crystalline transformation involving nucleation and crystal proliferation kinetics 2—29103
Cu complex, diethyldithiophosphate, Cu-S hyperfine interactions, e.s.r. study 2—36985
cuprous halides, chemical shift, macroscopic magic-axis rot. 2—13552
formate tetradeuterate, sublattice rotation and spin deviation, n.m.r. study 2—4410
formate tetrahydrate, dielec. response function 2—13322
formate tetrahydrate and deutero derivative, vibr. freqs. 2—10341
phthalocyanine films, photo-e.m.f. spectra, near i.r. 2—6907
potassium copper oxalate dihydrate, cryst. struct., X-ray study 2—32483
stearate monolayers, e.p.r. obs. 2—13546
sulphides adsorbed on metal surfaces, distinction from sulphur by Auger spectroscopy 2—39557
tetrahedrite, transgrowth twins form. 2—9354
tetrametric complexes, evidence for large antisymmetric superexchange 2—26057
Al-Cu, deviations from Matthiessen's rule 2—16141
$BeO-Cu_2O_2$ ceramics, electrical resistivity effect of temperature and sintering presence 2—6753
Cu-As-Se, glass, switching phenomena, elec. behaviour, rel. to Cu content 2—13227
Cu-Cd ferrite, elec. cond., mag. transition influence 2—6983
Cu-Co-Fe-Ni ferrites, magnetostrictive, magnetomech. props., 233-373K 2—40529
Cu-In-Te system, phase equilib. and hardness 2—1410
Cu-Mn-Al, Heusler alloy, precipitation and phase transformations 2—9801
Cu (II) complex, binuclear chelate of ethylene glycol-bis (β aminoethylether) tetraacetic acid, e.s.r. 2—9164
Cu (II) complex, bis biguanidium copper (II) nitrate dihydrate, cryst. struct. 2—22154
Cu (II) complex, bis(N-n-hexyl-o-hydroxyacetophenominato copper (II) 2—25331
Cu complex, $(C_2H_5NH_3)_2$ $CuCl_4$, critical behaviour of perpendicular susceptibility 2—33173
Cu complex, $(C_2H_5NH_3)_2CuCl_4$, ferromag. layers coupled by very weak antiferromag. interaction 2—22683
Cu complex, $(C_2H_5NH_3)_2CuCl_4$, static mag. torque meas. 2—22704
Cu complex, $(C_nH_{2n\|1}NH_3)_2CuX_4$ (n=1-10, X=Cl, Br) specific heat meas. deviations from ideal Heisenberg ferromagnet 2—13041
Cu complex, bis(dimethylsulphoxide)copper(II) chloride, antiferromagnetic interactions 2—1641
Cu complex, copper (II) porphyrins, dimeric, e.s.r. study of metal ion separation 2—18418
Cu complex, $Cu(C_2H_5NH_3)Cl_4$, diff. mag. susceptibility , phase diagram 2—16374
Cu complex, $Cu(C_nH_{2n\|1}NH_3)_2X_4$, X=Br,Cl, near two dimensional Heisenberg ferromagnet, mag. anisotropy obs. 2—16373
Cu complex, Cu(II) carboxylates, symmetry, e.p.r. obs. 2—28362
Cu complex, dimethylammonium trichlorocuprate(II), mag. props. 2—40550
Cu complex, powdered, e.s.r. lineshapes 2—40758
Cu complexes, chelates with various organic molecules, electrical conductivity 2—26940
Cu complexes, Cu(II)-amino acid complexes, e.p.r. spectra 2—10482
Cu complexes, e.s.r. and optical absorption studies 2—7069
Cu complexes, $M_2[M'Cu](NO_2)_6$ type, cooperative Jahn-Teller effect 2—19943
Cu complexes in soln., hyperfine coupling consts. and g-factor temp. depend. 2—25112
Cu phthalocyanine, surface photoeffects 2—29765
Cu^+ halides, photoelastic properties, phase matching of nonlinear optical processes 2—26119
Cu^{2+} complexes with diethyldithiocarbamate and diethyldithiophosphate, ligand props., e.s.r. obs. 2—24450
$CuAlS_2(Se_2)$, elec. props., room temp. 2—40242
Cu_9Al_4—X, X=Mn, Fe, Ni, ternary mixed powder compacts, sintering behavior, expansion, Kirkendall diffusion 2—19279
Cu_3As-Cu_3P, constitution diagram 2—1409
CuAs, emission spectrum, intensity distrib. 2—24449
$Cu_3(AsO_4)_2.4H_2O$, chemical shifts of K-absorption edges of Cu and As 2—1703
CuAu, disordered, strain-ageing kinetics, ordered region form. 2—39906
CuB_2O_4 and $Cu_3B_2O_6$, prep. by calcination, characterization 2—13568
CuBr-CuCl, mixed crystal, Faraday rotation and effective g-values of excitons 2—10308
CuBr, $^{63,\ 65}Cu$ n.m.r. chemical shifts, precise meas. by high speed rotational method 2—4553
CuBr, cryst. growth and props. 2—39581
CuBr, deform. potentials for excitons 2—33231
CuBr, exciton spectrum, band struct. 2—33236
CuBr, Faraday rotation and effective g-values of excitons 2—10308
CuBr, photoelectron spectra, excited states of Cu in solid, satellite emission 2—4328
CuBr, Raman spectra, second order lines, assignment 2—33283
CuBr, rotational analysis of D-X band system 2—8608
CuBr, shakeup photoelectron spectra 2—36636
CuBr excitonic molecule, stimulated emission 2—4473
$Cu_xCd_{1-x}Cr_2Se_4$, ferromag. semicond., cryst. growth and props. 2—39585
CuCl:Br(I), luminesc., rel. to excitons 2—13504

Copper compounds continued
CuCl-CuBr solid solns., Zeeman effect of exciton bands 2—16486
CuCl, $^{63,\ 65}Cu$ n.m.r. chemical shifts, precise meas. by high speed rotational method 2—4553
CuCl, CuBr, n.m.r., magnetic screening of ^{35}Cl and ^{79}Br 2—28286
CuCl, deform. potentials for excitons 2—33231
CuCl, exciton spectra, line-width and phonon interaction 2—10378
CuCl, Faraday rotation and effective g-values of excitons 2—10308
CuCl, molten, partial struct. factors 2—12538
CuCl, phonon dispersion curves and thermodynamic props. 2—9859
CuCl, photoelectron spectra, excited states of Cu in solid, satellite emission 2—4328
CuCl, Raman spectra, second order lines, assignment 2—33283
CuCl, shakeup photoelectron spectra 2—36636
CuCl, temp. depend., Raman scatt., and electro-optic props. 2—22784
CuCl, u.v. and soft X-ray absorpt. spectra 2—20033
CuCl, uniaxial stress effects on excitons 2—13461
CuCl nonlinear susceptibility to harmonic generation rel. to microstructure 2—1653
$CuCl_2.2H_2O$, aqueous soln., e.s.r. spectrum at 10 katm. 2—27370
$CuCl_2.2H_2O$, e.m. wave absorption, polarization effect 2—7043
$CuCl_2.2H_2O$, low temp. mag. thermal expansion 2—19433
$CuCl_2.2H_2O$, parallel pumping of spin waves 2—40551
$CuCl_2.2H_2O$, transmittance at elevated temps., passband characteristics 2—31145
$CuCo_2O_4$, prep. and struct. 2—15720
$CuCr_2O_4$, and $Zn_xCu_{1-x}Cr_2O_4$, cryst. distortion, temp. depend. 2—3988
$CuCr_2O_4$, ferrite, magnetostriction, effects of non-collinear ordering 2—40517
$CuCr_2Se_{4-x}Br_x$, optical props., Curie temp., band obs. 2—40645
$CuCr_2Te_3I$, Mossbauer effect, ionicity 2—4446
$CuF_2.2H_2O$, crystal structure by neutron diffraction, meas. of H-O-H bond angle in water molecule at 298K 2—35985
$CuFe_2O_4-MnFe_2O_4-Mn_2O_3$, struct. and mag. props., effect of annealing 2—1627
$CuFe_5O_8$, eutectoid decomp. kinetics and mechanisms 2—15959
$CuFeS_2$, crystal growth, modified Bridgman technique 2—25272
$CuFeS_{2-x}$, $Cu_{1-x}Fe_{1\|x}S_{2-y}$, prep., structure and mag. suscept. 2—26062
$Cu_4Fe_4S_8$, $Cu_{18}Fe_{16}S_{32}$ and $Cu_9Fe_9S_{16}$, Mossbauer spectra cryst. and mag. struct. 2—32454
$CuGaS_2$, $Cu_{0.88}Ga_{1.04}S_2$, prep. and props. 2—9364
$CuGaS_2$ refractive indices, and second harmonic generation coeffs. meas. 2—1654
$CuGaS_2(Se_2)$, elec. props., room temp. 2—40242
$CuHAsO_3$, chemical shifts of K-absorption edges of Cu and As 2—1703
$Cu(H_2O)_6^{2+}$ in chiral lattice, circular dichroism spectra, Cotton effects obs. 2—26163
Cu_2HgI_4, thermochromic, ^{127}I n.q.r. frequencies and critical broadening 2—10584
CuI, $^{63,65}Cu$ n.m.r. chemical shifts, precise meas. by high speed rotational method 2—4553
CuI, deform. potentials for excitons 2—33231
CuI, Faraday rotation and effective g-values of excitons 2—10308
CuI, nonlinear optical props. 2—1655
CuI, nucleation of water drops by Brownian contact 2—18859
CuI, phonon dispersion curves and normal modes of vibrations 2—36328
CuI, photoelectric emission in spectral region 500 to 1700 A 2—40391
CuI, polymorphism at high pressure 2—3989
CuI, Raman spectra, second order lines, assignment 2—33283
Cu(II), complex, different symmetry axes for fine structure term and g-factor, e.s.r. obs. 2—10504
Cu(II) complex, crystal structure and low temperature magnetic susceptibility 2—35986
Cu(II) complex, mixed ligand chelate, anisotropy and susceptibility 2—36668
Cu(II) complexes, ligand exchange influence on e.s.r. spectra 2—13538
Cu(II) complexes with intramolecular exchange, e.p.r. obs. 2—8609
Cu(II) morpholinebiguanide coord. cpds., bond covalence degree, e.p.r. meas. 2—26278
$CuInS_2$, prep and props. 2—9364
$CuInS_2$ refractive indices and second harmonic generation meas. 2—1654
$CuInS_2(Se_2)$, elec. props., room temp. 2—40242
$Cu_2In_4Te_7$, defect. phase semicond., prep. and props. 2—25807
$CuInTe_2)_x(2CdTe)_{1-x}$ alloys, photoconductivity, 0.7-1.6eV 2—6899
Cu_3LnTe_3, (Ln=Sm, Gd, Dy, Yb, Y), prep. and props. 2—36230
$Cu_3Mo_2O_9$, cryst. struct. 2—6430
$Cu_{4-x}Mo_3O_{12}$, (x≃0.15), cryst. struct. 2—6431
CuN_6, magnetic and optical props., rel. to explosive props. 2—1688
$Cu(NH_3)_4(NO_3)_2$ in soln., e.p.r. study 2—21599
$Cu(NO_3)_2$, vibrational spectra of monomer and dimer, cation association effects 2—8610
$Cu(NO_3)_2.2.5H_2O$, cross relax. among spin pairs, from high freq. susceptibility 2—19921
$CuNb_2O_6$, i.r. absorpt. spectra, cryst. chem. 2—10396
Cu_xNbSe_2, cryst. struct. and mag. props. 2—25643
$Cu_{1-x}Ni_xCr_2O_4$, Jahn-Teller theory of crystal distortions 2—16411
$Cu_{0.75}Ni_{0.25}Fe_2O_4$, elec. cond. 2—1513
Cu_2O-Hg contact, barrier capacitance anomaly of Hg. melting pt. 2—25885
CuO, adsorption of CO, i.r. spectrum, reflection-absorption spectroscopy 2—7070
CuO, Cu_2O, valence band structure, X-ray photoemission spectroscopy 2—36639
CuO, positron lifetime correlations 2—4150
CuO layer on Cu alloy, use of 'shake-up' satellites in photoelectron spectra for analysis 2—7192
CuO thin film, reactive cathodic sputtering, plasma generator analysis 2—1011
CuO_2, semicond., exciton luminesc., elec. cond., adsorpt. effects 2—22796
Cu_2O, combination light scatt. by excitons, cross section calc. 2—16449
Cu_2O, elec. cond., effect of surrounding atm. and impurities 2—4212
Cu_2O, elec. cond., illum. effects, electron trapping, photomemory effect 2—40276
Cu_2O, exciton electrorefl. spectra, ang. depend. 2—29897
Cu_2O, exciton induction and echo 2—1705
Cu_2O, green series n=1 exciton line, diffr. electroabsorp. obs. 2—36876
Cu_2O, i.r. absorp. after annealing in O_2 and α-particle bombardment 2—36877
Cu_2O, photoelectron spectra, excited states of Cu in solid, satellite emission 2—4328

Copper compounds continued
Cu_2O, shakeup photoelectron spectra 2—36636
Cu_2O, u.v. electroreflectance, band assignments 2—33237
Cu_2O inclusions in Cu, role in dislocation struct. 2—15761
Cu_2O inclusions in Cu, role in flow stress mechanism 2—12851
Cu_2O powder, i.r. region transmittivity, optical phonons obs. 2—36878
$Cu(OH)_2$, Neel temp. phenomena 2—26061
$Cu(OH)_2$ structure, X-ray diffraction, infrared spectroscopy 20-100°C 2—3991
$Cu_3(OH)_2(CO_3)_2$, azurite, cryst. struct., neutron diffr. obs. 2—29140
$CuO.P_2O_5$ glass, cond. 2—32967
CuP_2, synthesis, elec. and phys. props. 2—29094
CuP_2, temp. depend. of dissociation and thermodynamic parameters 2—30046
$CuPbAsS_3$, photo conductivity and absorption single crystals edge from 90 to 300K 2—22762
$CuRh_2O_4$, cryst. distortion, temp. depend. 2—3988
$Cu_{2-x}S$-CdS photocell, scanning light microprobe obs. 2—4307
Cu_2S-CdS, heterojunc., photovoltaic cell, optical degradation effects 2—10146
Cu_2S-CdS heterojunction, elec. props., photosensitivity 2—36492
$Cu_{2-x}S$-CdS p-n heterojunction, energy band diagram 2—4247
CuS, effect on freezing of supercooled water droplets 2—39424
CuS, effectiveness in seeding ice formation in clouds 2—40954
CuS film, thermal expansion oscillations, 60-300K 2—40084
Cu_2S, phase changes temp. and oxygen effects 2—9800
Cu_2S phase, role in luminesc. props. of ZnS:Cu 2—36964
Cu_xS, ($x = 1.85$-2.0), elec. cond., temp. depend. 2—13228
Cu_2Se-As_2Se_3 system, phase diagram, ternary cpd. existence 2—29488
$Cu_{2-x}Se$-CsSe photovoltaic cells, heat treatment effects 2—29774
CuSe-Mg diode, rectifying properties studied under low frequency A.C. conditions 2—16249
Cu_2Se, solubility in ZnSe and CdSe 2—36248
$Cu_{2-x}Se$, cubic, room temp. stable, elec. cond. and thermopower, composition depend. 2—36503
Cu_3Se_2, formed by solid state reaction, planar defects, elec. microscope obs. 2—36043
$CuSiF_6.6(4)H_2O$, internal motions, n.m.r. obs., 90-400K 2—40780
$Cu^{II}U_2^{V}F_{12}.4H_2O$, optical absorption spectra and magnetic susceptibilities 2—33275
DyCu, mag. struct., neutron diffraction obs. 2—10238
Fe-Cu-C system, austenite phase, C activity, Cu effects 2—40006
Ga-Cu, thermodynamic props. for solid and liquid solns. 2—32730
$GuGaS_2$, $CuInS_2$, stimulated emission obs. on scanning visible spectrum 2—10416
Pb-Sn:Cu uniaxial metal matrix composite, subjected to axial and normal lateral loads 2—15851
$Pr_{0.333}Cu_{0.1}Al_{0.566}$, magnetic and neutron diffraction studies 2—10216
ZnS: $CuAlS_2$ luminescence, thermal and i.r. stimulation 2—29958

Corbino effect *see Current, electrical*

Coriolis forces *see Dynamics*

Cornea *see Eye*

Corona, electric discharge
see also Breakdown, electric
for aerosol charging for electrogasdynamic generators 2—11421
e.h.v. line corona, conference, New York (1972) 2—21890
electro-gasdynamic flow behind a source of charged particles 2—6164
electron avalanche growth towards isolated sphere 2—35631
field strength during, calculation method based on conformal mapping 2—15517
glow, rod-plane gaps in air, breakdown times obs. and calculation 2—18709
hemispherical tube, design and theory 2—39207
impulse breakdown in divergent field geometries, model 2—32131
phenomena and meas. technique 2—24906
point-to-plane, h.f., obs. using photoelectrical feedback with variable delay 2—24904
sound source applic. 2—23369
at static voltages and without space charge 2—21891
transmission line, rel. to audible noise 2—21892
Ar, light emission in cylindrical electrode geometry 2—32137
Ar, positive breakdown, mechanism between coaxial cylindrical electrodes 2—24907
Kr, positive breakdown, mechanism between coaxial cylindrical electrodes 2—24907
Si_3N_4, streamers, fossilization 2—39220
Xe, positive breakdown, mechanism between coaxial cylindrical electrodes 2—24907

Corona, solar *see Sun/corona*

Coronagraphs *see Sun/corona*

Corpuscular streams *see Cosmic rays; Sun/radiation, corpuscular*

Correspondence principle *see Quantum theory*

Corrosion
aerospace component inspetion using variable-focus X-ray tube 2—32665
alloy stress and environmental effects in power plant 2—15116
alumina ceramics, with compressive surface layers, corrosion fatigue, delayed fracture 2—6556
anodic coating, on steel, copper and brass, testing at marine microclimate 2—1751
brass, etchant development by controlled potential corrosion tests 2—18920
α-brass, stress corrosion cracking, strain rate depend. 2—6573
cathodic coating, on steel, copper and brass, testing at marine microclimate 2—1751
cathodic/anodic protection, corrosion control 2—16684
corrosion current determ., electronic zeo resist. type ammeter 2—17515
crackline-loaded edge-crack stress corrosion specimen 2—15872
drill tubes, effect of electromechanical hardening on corrosion fatigue failure 2—3892
duralumin, effect of H_2SO_4 anodizing on fatigue and corrosion fatigue resistance 2—6567
in fatigue crack propag. 2—36160
Fe-Al(Cr)(Mn)(Ni)(Ti) alloys, stress corrosion cracking mechanism 2—6574
glass, by steam-water mixture 2—35870
glass filaments, type E, stress corrosion cracking mechanism 2—39843
Inconel 600 heat exchanger tubing, stress assisted corrosion in high temp. water 2—11909

Corrosion continued
Inconel X750, intergranular stress corrosion cracking in pressurized water 2—11910
metal, construction of parametric heat resistance diagrams 2—4593
metal, He environmental effects in high temp. reactors 2—11913
metal, stress corrosion cracking, capillary model 2—19205
metal, stress corrosion cracking mechanisms 2—32635
metal, stress-corrosion cracking, electrode kinetics 2—20189
Mossbauer spectroscopy applications 2—1666
Mossbauer spectroscopy using conversion electron detection 2—16430
in nuclear applications, book 2—38700
nuclear reactor, rate of deposition of products on surface of Zr alloy as function of coolant compos. temp. and irradiation 2—31625
quartz, stress corrosion cracking, static fatigue 2—1327
reactor fuel, post-irrad. exam. techniques 2—38755
stainless chrome nickel steel, effect of vacuum thermochroming 2—6587
stainless steel water cooling in nuclear reactors, Na_3PO_4 as corrosion inhibitor 2—2847
steel, austenitic, corrosion cracking in boiling soln. 2—1753
steel, austenitic, cracking in boiling sulphur studied 2—6576
steel, austenitic, intercryst. and corrosion cracking. dislocation arrays 2—33381
steel, austenitic, stress corrosion cracking, fracture surface, electron microscope obs. 2—19212
steel, austenitic and ferritic, mass transfer and corrosion rate in liquid sodium 2—13583
steel, austenitic stainless, stress corrosion cracking, alloying effects 2—1325
steel, austenitic stainless, stress corrosion cracking, effect of alloying elements 2—29326
steel, austenitic stainless, stress corrosion testing for use in boiler plant 2—15115
steel, carbon, cracking 2—29312
steel, casting, working, heat treatment, defect origin 2—32690
steel, corrosion fatigue cracking, stress corrosion cracking, environmental attack, fatigue loading effects 2—19218
steel, effect of friction reversal 2—9732
steel, fracture, cracking, in corrosive conditions, review 2—6558
steel, H crack corrosion resistance, effect of Si and Mn content 2—6579
steel, H cracking. cathode polarization in acid media 2—30070
steel, high strength, stress corrosion crack velocity 2—19214
steel, high-Mn, resistance rel. to valve mat. development 2—3958
steel, hydroerodibility, effects of Ni 2—3979
steel, in H_2SO_4, anion cation type inhibitors 2—4594
steel, in hot radioactive environment, obs. using laser beam 2—21467
steel, maraging, stress corrosion cracking, loading mode effects 2—19213
steel, maraging, stress corrosion cracking 2—15881
steel, protection in liq. Li by beams of metallic diffused layers 2—4592
steel, stainless, corrosion cracking by thermal gradient stresses 2—6575
steel, stainless, high temp. resist. mechanism 2—29335
steel, stainless, pitting before and after oxide film removal 2—13582
steel, stainless, sodium chloride solutions, hydrogen absorption, cracking 2—1324
steel, stainless austenitic, nitriding effects on s.c.c. 2—1326
steel, stainless stress corrosion cracking resist., comp. effects 2—15882
steel, stress corrosion crack velocity 2—36169
steel, stress corrosion cracking in water cooled reactors 2—11908
steel, two-layered corrosion resistant, technol. processing effects 2—1365
steel composites, maraging steel/Armco iron, s.c.c. 2—30069
steel stress corrosion cracking, crystallography, morphology, kinetics, models 2—3909
steel wires, chemical activation by concrete 2—6560
steel wires in concrete, effect on fracture electron microscope obs. 2—6559
stress corrosion cracking, steel, in distilled water or NaCl soln. 2—3910
stress corrosion cracking and fracture mechanics 2—1320
stress corrosion cracking rel. to repassivation kinetics, tribo-ellipsometry technique obs. 2—36157
transition metals, by liquid Na 2—37045
Zircaloy, stress corrosion cracking in iodine vapour 2—15114
Zircaloy tubing, in-pile corrosion, environmental effects 2—11907
Zircaloy-2, in-pile behaviour 2—15113
Al-Fe-Ni:(Mg,Cr,Mn) alloy, nuclear reactor material, resistance to water corrosion, 220°-315°C, comp. depend. 2—13581
Al-Zn-Mg, alloy, stress corrosion resist., rel. to tensile props., microstruct., quenching conditions 2—12931
Al alloy, interaction with stress and fatigue 2—4595
Al alloys testing, for motors and compressors applications 2—1752
Al bicrystals, by pressurized water, intergranular struct. effect 2—12777
Al welded joints, method for investigating electrochemical heterogeneity 2—29419
Cd-Zn coating, on steel, copper and brass, testing at marine microclimate 2—1751
Co-Ni-Cr alloys, ThO_2 dispersion strengthened, rupture testing 2—19266
Co-base alloy, Haynes No. 188, corrosion resist. 2—39920
Cu-Ni-Cr coating, testing at marine microclimate 2—1751
Cu alloys, stress corrosion cracking susceptibility, effect of post form. heat treatment 2—36168
Fe-Cr-Mn-Ni, steel, hot rolled, stress corrosion cracking resist. 2—19248
Fe alloy, cavitation corrosion, electrochemical processes 2—33380
Mg(8.6wt.%)Al alloy, transgranular s.c.c. in solution treated and quenched alloys1309 2—1309
$NaNO_2$, of construction materials for circulation system when applied as light filter 2—30068
Ni-Cr-Mo, and electrochem. behaviour, separation potentials 2—1754
Ni-Cr-Mo powder alloy, effect of heat treatment 2—19280
Ni-Mo powder alloy, effect of heat treatment 2—19280
Ni, in liq. Na, rel. to temp. and Na vel. 2—37046
Ni alloys, rel. to development as high performance, high temp. mats., review 2—12973
SO_2 in atmosphere and its effect on corrosion 2—7266
SiO_2 film, dissolution rates in acidic fluoride solns. 2—10628
stress corrosion cracking, mathematical simulation 2—19206
Th and Th alloys, reactions with O, N, H, air and water vapour 2—20190
Ti-Al-Sn alloy, stress corrosion cracking, role of hydrogen diffusion 2—19147
Ti-Mo-Zr, alloy, corrosion resist. rel. to Al content 2—29411
Ti, pitting and crevice corrosion, effect of anions and temperature 2—4596
Ti alloy, in hot saline water, elec. microscope obs. 2—10626
Ti alloy, resist. to stress corrosion in seawater 2—36174
Ti alloy, s.c.c. arrest and initiation stress intensity correlation 2—1329

Corrosion continued
U Mo alloy, stress corrosion cracking 2—12911
U-Nb-Zr and U-Nb alloys, stress corrosion cracking, effect of Cl⁻ 2—29331
U-5wt.%Nb alloy, γ-quenched, stress corrosion cracking, ageing conditions effects 2—36175
V alloy cladding behaviour in helium cooled reactors 2—11912
WC cermets, Co bonded, atmospheric corrosion 2—22298
Zn-Al-Mg, stress corrosion, correl. with effect of Ag on precipitation 2—3951
Zr-Cr alloy, in steam, 325-700°C, rate law 2—20191
Zr, in steam, 325-700°C. rate law 2—20191

Cosmic dust *see Interplanetary matter; Interstellar matter; Meteorites*

Cosmic noise *see Cosmic radiations, radiofrequency*

Cosmic radiations, radiofrequency
see also Quasars; Pulsars; Radioastronomy; Radiosources; Sun/radiation, radiofrequency
3K background, obs. of dipole and quadrupole anisotropy 2—13830
background microwave radiation at wavelengths shorter than the 2.7°K peak 2—7369
black body radiation at 3K and heating of universe 2—16949
Crab, l.f. polarization 2—41150
Cygnus A, power spectra of intensity fluctuations, for obs. of small scale structure in ionosphere 2—4715
Cygnus X region, continuum emission at 74, 111, and 196 MHz 2—30524
EAS, 10^{17}—10^{18} eV, mechanism of radio pulse production 2—24005
EAS, geomag. separation of positive and negative charges, radiation production 2—24004
EAS, high frequency radio pulse emission 2—24010
EAS, pulse shape of radio emission 2—24013
EAS, radio emission, geomag. mechanism contribution, signal strength 2—24007
EAS, radio emission study 30 Mc/s, half wave dipole system Moscow State Univ. 2—24009
EAS, radio particle correlation expt. 2—24012
EAS, radio pulse amplitude dependence on shower parameters 2—24008
EAS, radio pulse obs. at Mt. Chacaltaya, arrival directions 2—24011
EAS, radio wave emission, calc. using 1D and 3D cascade theory 2—24006
excess radiation at 200-500 Km altitude 2—16890
formaldehyde absorption at 4.83 GHz in dark galactic clouds 2—7396
galactic noise background spectrum down to 200 kHz 2—33598
gravitational deflection, measurement on 3C273 and 3C279 quasars 2—30510
intergalactic and origin and evolution of universe 2—13834
interplanetary scintillation 2—33756
interstellar electron density and magnetic field fluctuations effects on Faraday rotation and signal dispersion 2—13924
interstellar electron density and magnetic field fluctuations effects on Faraday rotation and signal dispersion 2—13923
interstellar medium, molecules, microwave spectra 2—10921
ionospheric modulation by electron density fluctuations 2—10885
Jupiter, secular variations in decimeter flux 2—30550
l.f., interstellar, interaction with rotating interstellar grains 2—20603
long baseline interferometry, of 3C sources at decametric wavelength 2—26780
microwave background radiation as ghost image in universe of strong positive curvature and inhomogeneous mass distribution 2—13825
microwave receivers for molecular line radio astronomy 2—11168
Moon source, 15.5 and 31.6 GHz, propagation test for satellite communications 2—16864
night sky background signals, 65 to 170 μ range 2—10971
noise absorption over a solar cycle at Delhi 2—30344
noise between 1.16 and 2.40 MHz, rocket measurements 1600 km altitude 2—17014
nonlinear spectra interpretation, discrete sources, general empirical expression 2—10945
polarization and spatial distribution, rel. to EAS parameters 2—2590
resonant pulsations in polytropic models, coupling between fundamental and overtone 2—26766
scattered by interplanetary medium, angular distribution 2—11024
Sco X-1, observations at 80 MHz to show existence of radio flares 2—4945
Sco X-1 and Cyg X-1, search for pulsar like emissions at 400 MHz 2—23090
southern Milky Way, low resolution radio maps at 3.93 MHz 2—33619
submillimetre background, spectral features search and origin 2—4907
Venus, radio and radar spectra 2—30582
Venus source, 15.5 and 31.6 GHz, propagation test for satellite communications 2—16864
H I galactic spur, coincidence with radiocontinuum Loop IV 2—13925

Cosmic rays
angular distributions examined with a view to testing scaling hypothesis 2—14722
charge composition o solar rays, satellite measurements 2—26898
charged particle acceleration by nonstationary electric fields in magnetosphere 2—22989
conference, Budapest (1969) 2—23914
conference, Budapest (1969) 2—23899
CP noninvariance and charge asymmetry of the universe 2—2581
density distribution normal to solar equatorial plane and semidiurnal anisotropy 2—38334
diffuse, spectrum in 20-125 keV range 2—31333
energy spectrum from 10^{10} to 2.10^{20} eV meas. using Sydney giant air shower array 2—23924
energy spectrum of max. intensity particles in solar flare of 18 Nov. 1968 2—17067
energy spectrum of particles in 5.10^{10}- 10^{13} eV range 2—21309
fireball, computer simulation 2—5562
fluxes, meas. by automatic interplanetary probes, time variation effects 2—16952
galactic, correlation of intensity with λ5303 coronal intensity 2—20473
galactic, diffusion in solar wind, stochastic variations 2—17064
galactic, effect of solar activity on distributions, Oct. and Nov. 1968 2—16957
galactic, nuclei $2 \leqslant Z \leqslant 8$, interstellar propagation in 10-1000 MeV per nucleon energy range 2—4764
galactic intensity, effects of active solar regions 2—17081

Cosmic rays continued
generation by strong low frequency electromagnetic waves emitted by contracting magnetized stars 2—20576
Gum Nebula, ionization and heating by emission from Vela X supernova 2—20507
highly charged nuclei, modulation and energy spectrum 2—14721
highly relativistic particles, anomalous increase in energy loss in Ne 102a phosphor 2—23918
irradiation of quartz particles as interstellar grains to account for interstellar extinction 2—10920
lifetime, influence of ionization losses, in galaxy 2—16953
magnetic field contributions to effect 2—26581
magnetic monopoles, search for in nature 2—23902
magnetopause and bow shock, average and unusual locations 2—13738
mass spectrum of stopping heavy particles at sea level 2—23923
massive shielding background reduction obtained with γ-ray detectors 2—34795
monopole flux in cosmic radiation 2—14528
morphological obs., frequency, energy spectrum and zenith angle distrib. 2—8243
particle acceleration, relativistic, by hydromagnetic turbulence 2—8914
propagation, direct mode, to geostationary satellites 2—4752
propagation in atmosphere, Monte Carlo simulation 2—5567
propagation in interstellar medium, kinetic theory and evolution of relativistic plasma in magnetic field 2—8911
pulsars, periodic flux, possible detection from the Earth 2—10955
quarks, search in cosmic rays compared to cross section limits attainable using CERN storage rings 2—23901
quarks at sea level and mountain altitude 2—23905
quarks beyond atmosphere, search by proton-3 satellite 2—23904
solar, energy spectrum and polar cap absorption 2—23126
solar, localised, propagation 2—17061
solar, propagation in interplanetary place, study using solar flare data 2—17065
solar bursts, propagation 2—11088
solar flare on 7 July 1966, acceleration phase 2—11127
solar particles, N-S asymmetry in polar cap regions 2—16925
in solar system space 2—4949
spectra, effect of ionization losses in range of nonrelativistic energies 2—17988
streaming of galactic cosmic rays in interplanetary magnetic field 2—37377
from Sun, low rigidity flare particles released from trapping field, plasma heated by flare process17069 2—17069
super high energy particles, application of X-ray transition radiation to detection 2—27800
superheavy (A>81), production and propagation in Galaxy 2—23055
thermal plasma in interstellar space, explanation of pulsar twinkling 2—30506
transport model 2—4781
transport theory in random magnetic fields 2—4780
trapping regions for trajectories in magnetosphere 2—26524
underground, nonionizing component 2—38333
B, interstellar propagation, differential kinetic energy/nucleon spectra 2—4764
Be, interstellar propagation, differential kinetic energy/nucleon spectra 2—4764
^{7}Be production, rel. to atmospheric exchanges 2—20324
C, interstellar propagation, differential kinetic energy/nucleon spectra 2—4764
He, interstellar propagation, differential kinetic energy nucleon spectra 2—4764
Li, interstellar propagation, differential kinetic energy/nucleon spectra 2—4764
N, interstellar propagation, differential kinetic energy/nucleon spectra 2—4764
^{22}Na production, rel. to atmospheric exchanges 2—20324
O, interstellar propagation, differential kinetic energy/nucleon spectra 2—4764
absorption
human tissue, evaluation at level of SST flight from solar minimum to maximum 2—5050
muon bundles, obs. 1300 m w.e. underground 2—24046
muon intensity, meas. in water at large depths 2—24047
muons, energy losses and absorption curve 2—24015
muons, interactions in substances of high Z in energy range 10^{11}eV 2—24051
neutron component, high energy, inelastic interaction free path in Cu nuclei 2—38343
penetrating component of radiation at mountain level, high energy, characteristics indicate muon interactions 2—27823
TeV energy range, component generating γ-quanta 2—24022
alpha-particles and helium nuclei
see also Quasars; Radioastronomy; Sun/radiation r.f.
differential energy spectra above 50 GeV 2—34744
interactions at 10^{12} eV in light elements 2—23908
primary, energy spectrum, 5×10^{10}-1.6×10^{12} eV, 'Proton' satellite meas., absolute intensities 2—14731
He, differential energy spectra over half solar cycle 2—17986
^{3}He, ^{4}He, Galactic, local interstellar spectrum 2—33586
apparatus
see also Particle detectors
A/D convertor, minimum cost 2—30974
anticoincidence screen for underground nonionizing component 2—38333
anticoincidence underground experiment; 2—23925
buffer store with 256 channels 2—31335
charge spectrum, use of Ilford K2 nuclear emulsion 2—34745
Cherenkov counter, large area water, design and performance 2—27784
comparator apparatus, counter-type, for search for non-relativistic particles 2—2587
COS-B satellite instrumentation for galactic γ meas. 2—30398
detector assembly for identification of heavy mass cosmic ray nuclei of low energies 2—27809
discharge cloud chambers for detection of charged particles, possible use for studying cosmic ray interactions 2—27788
emulsion chamber image intensifier system, for hadron studies in air showers 2—23931
emulsion chambers, rel. to study of high energy cosmic rays 2—24049
gamma, direction and energy spectrum meas. in energy range 1-10 MeV 2—11183

Cosmic rays continued
apparatus continued
gamma, resolution of spark chambers for γ-ray astronomy 2—8242
gamma ray detectors, astronomical 2—11181
gamma ray energy spectrum through measurement of the opening angles of the materialisation pairs in a spark chamber 2—5583
gamma spectrometery of galaxy, 0.5-5 Mev, using stilbene scintillator detector 2—10822
gas Cherenkov counters, energy and charge spectra of high energy nuclei 2—5589
gas proportional chamber for use in cosmic X-ray research 2—11186
gas-Cerenkov detector for 10 to 100 MeV gamma rays 2—8214
hadrons, 100-300 GeV, C pionization cross section determ. 2—2585
high energy primaries, charge composition investigation 2—27783
hodoscope with light coding 2—24078
horizontal muon spectrometer max. detectable momentum of 15 TeV/c 2—23926
ion trappers, optimization of amplifying path on non-oriented apparatus 2—31334
ionization calorimeter for nuclear electron cascades 2—2582
ionization spectrometer, calc. of energy losses not measured in primary energy range 10-1000 GeV 2—27794
ionization spectrometer used in baloon expts. calibrated with 10, 20.5 and 28 GeV/c machine accelerated protons 2—27795
ionization-spectrometer-emulsion chamber combination for studying hadron interactions around 10 TeV 2—27793
isotope and charge resolution using large area scintillation-Cherenkov-total energy telescopes 2—27811
Lorentz factor selecting threshold counter, obs. of resonance transition radiation from relativistic electrons 2—27827
magnetic automated research spectrograph at Durham for meas. muon spectrum up to momenta in excess of 5000 GeV/c 2—27799
magnetic monopole detection, investigations of deep-sea sediment 2—8213
magnetic spectrograph, spark chambers and calorimeter for meas. spectra at different altitudes in the atmosphere 2—27802
magnetic spectrograph for meas. primary particle rigidities up to 150 GV 2—27797
multi-layered proportional counters for identification of cosmic ray protons and pions at 200 GeV 2—27790
multiple spark chambers used as targets, design theory 2—27801
multitrack sealed spark chambers, meas. efficiency 2—27787
muon scintillation monitor construction at Lindau, description 2—27791
muon spectrometer of SLAC photographs of sea level muons with zenith angles to 45°-90° 2—27806
neutron counter, high efficiency design 2—23930
nuclear active particle detector high resolution $4m^2$ 2-layer detector containing proportional counters 2—27792
nuclear emulsions, track analysis techniques 2—27785
parallel plate counters, counting rate and counter area rel. for sea level cosmic rays 2—23933
particle telescope, for study of slow particles 2—38338
photomultiplier, pulse control 2—2625
plastic detectors, sensitivity determination 2—23928
proportional counters, use in detecting meson component 2—27804
scintillation counters, large area, for muon studies 2—27782
scintillation counting, pulse shape determination 2—23929
semiconductor telescope, satellite borne, for identification of relativistic heavy primaries 2—27786
solid-state dislocation detector, for electrons and μ-neutrons 2—31376
spark calorimeter, calibration using pions 2—2586
spark chambers, current limited 2—23932
spectrograph with vertical double magnet contributed at Durgapur for meas. momentum spectrum and charge ratio of muons 2—27796
spectrometer with solid iron magnet for meas. of muon spectrium and change ratio up to 3×10^{12} eV/c momentum 2—27805
superconducting magnet, spectrometer 2—21317
telescopes, contribution of scattered electrons to detected signal 2—27810
TeV energy spectrometer, for spectra at sea level 2—31336
Tskhra-Tskaro installation, description of improvements and new measuring possibilities 2—27789
underground, muon component, exclusion of temp. effect 2—27808
underground meson telescope, coupling functions, variations 2—8212
vidicon system for digitalising flash tube information 2—27803
X-rays, soft, automatic stabilized detection system 2—11162
n detection, high energy by Th coated fission counters 2—23927
CsI satellite X-ray detector, contribution to background rate by spallation products in crystal 2—17984
Ne flash tubes, characteristics, discharge mechanism and efficiency 2—38336
Ne flash tubes, high pressure small diameter, digitisation 2—27798

composition
chemical primary possible change at energies above 10^{16} eV 2—23939
from Crab nebula, EAS studies 2—26645
energy range from 100 MeV to 2 GeV and z=3 to 30 2—34746
heavy non-relativistic particle search, comparator apparatus used at sea-level 2—2587
metallic element contribution to population II stars 2—10852
nuclear, diurnal variation after 21.9.67 solar flare 2—14724
nuclei, charge >20, solar origin, obs. of flux increases by 'Electron-4' satellite 2—17062
primary, rel. to EAS 2—2595
solar modulation, heliocentric decelerating potential model, effects of energy losses 2—37395
solar particle event, nuclear composition and energy spectra obs. 2—5006
ultra high energy, analysis of exptl. chemical composition 2—38339
Os-Pt-Hg abundance peak in Ap stars and very heavy cosmic rays 2—33624

deuterons
Galactic, local interstellar spectrum 2—33586

effects and interactions
see also Nuclear reactions and scattering due to/cosmic rays
10^{11} eV interactions, momentum distribution of secondary particles 2—24026
10^{12} eV, existence of Aleph 2—23907
$>10^{12}$ eV, nuclear interactions in light elements 2—23908
accretion processes leading to formation of meteorite parent bodies 2—41215
air showers in atmosphere, meas. interaction m.f.p. of primary particles 2—26554

Cosmic rays continued
effects and interactions continued
antiproton spectrum in primary proton-interstellar H collisions calc. by statistical model of two fire-balls 2—37246
atmospheric propagation, multiple meson production models, extensive Monte Carlo calc. 2—26552
atmospheric propagation, multiple meson production models 2—26551
barometric data 2—11647
cross section of new process in interactions above 10^{12} eV 2—2598
electron-photon cascades from primary photons at 10^{17} to 10^{21} eV 2—14734
emulsion data above 10^4 GeV, comparison with single particle spectra from multiparticle prod. in pp collisions at 28.5 GeV/c 2—8201
extremely high energy nuclear interactions in huge nuclear emulsion chambers at mount Chacaltaya 2—23906
fast secondaries from proton-air collisions, momentum spectra deduced from accelerator experiments 2—24039
fireball model and relativistic nonlocal theories 2—437
fireball obs. in C-jets 2—8243
fireballs, evidence for existence 2—24035
on gamma ray background obs. 2—4779
hadron interaction with Al nuclei, multiple prod. of particles 2—5569
hadron interactions around 10 TeV studied with ionization spectrometer-emulsion chamber combination 2—27793
hadronic collisions, principle of separability 2—23909
hadronic interactions at 3260m above sea level, search for T-particle 2—38252
hadrons, 100-300 GeV, C pionization cross section 2—2585
hadrons, energy transfer into electron-photon components 2—2609
high energy particles, 'Pion' apparatus study 2—2584
high energy penetrating particle groups 2—2616
inelastic, pions and nucleons with light and heavy nuclei 2—2611
inelastic nuclear interactions, cross section meas. at energies $\geqslant 10^{11}$ eV 2—24031
interaction with intergalactic matter 2—1945
interactions, applic. of elementary particle mass formula 2—23775
interference and damage effects in charged particle expts. for deep space missions 2—20430
ionization in nighttime D-region due to X-rays 2—33534
ionization measurement, region of logarithmic increase 2—2618
ionosphere ionization rate, electron density and conductivity during interaction of charged particle fluxes with atmosphere 2—30349
lunar silicate materials, angular azimuthal distributions of high energy cosmic rays 2—10801
multiple processes, models 2—2608
muon capture, average multiplicity of neutrons formed 2—2617
muon induced electron showers at large zenith angles 2—24018
muon induced nuclear interactions underground, detection by CsI scintillator 2—24056
muon pairs, production by muons in lead 2—24057
muon-nucleon interactions, 10-100 GeV, presence of one-fireball-like behaviour in multiparticle productons 2—31343
muonic trident prod. via electromag. interaction, cross section 2—23936
muons, interactions in substances of high Z in energy range 10^{11}eV 2—24051
nuclear cascade process, investigation in ionization calorimeter 2—23922
nuclear interaction of muons, 316 m w.e. underground, shower production 2—23919
nuclear interactions, >200 GeV, momentum and energy distrib. of secondaries produced 2—23912
nuclear interactions, inelastic, 100-500 GeV, characteristics 2—23913
nuclear interactions, mechanism for high and superhigh energy particles, new types of elementary particle interactions 2—24038
nuclear interactions, transverse momentum of fireball at energies of 100 to 500 GeV 2—24037
nuclear interactions 5200 m above sea level 2—24023
nuclear interactions of muons underground, showers obs., neutron detection 2—21312
nuclear interactions of muons with matter 2—2615
nucleon flux, at atmospheric depth 1000 g.cm^{-2} 2—2607
nucleon interactions in C 2—2610
nucleus-nucleus interactions produced by heavy cosmic ray primaries in nuclear emulsions, 100-500 MeV/nucleon 2—31338
one- and two-centre processes, high energy inelastic interactions, >100 GeV 2—38345
partial coefficient of inelasticity, for light and heavy nuclei 2—2601
particle production, dependence of mean transverse momentum on collision energy 2—24033
primary, biological effects on tissue 2—7598
primary rays interactions with atmospheric nuclei, possible origin of mu-poor EAS 2—23956
propagation in atmosphere, multiple meson production 2—5566
radioactive particles, ionization calorimeter study 2—2606
radioactive particles, Wilson chamber and ionization calorimeter study 2—2605
secondary particle interaction with polyethylene target 2—2603
secondary particle prod. 200-500 GeV comparison with particles prod. in πN interactions at 60 GeV 2—24027
secondary particles, transverse momentum constancy in high or ultra-high energy collisions 2—24036
strong interactions, inelasticity at 100 to 1000 GeV 2—24030
strongly interacting shower particles at 70 m.w.e. underground 2—23948
very high energy nuclear interactions, estimation of primary energy 2—23910
N interaction with nuclei of photographic emulsion, 1 TeV particles 2—23911
$\bar{N}N$ annihilation and high energy collisions, regularity of particle production 2—24032
π-nucleus interaction, 200 GeV and 60 GeV, reaction analysis 2—23938
π interactions in photographic emulsion, function of energy for 20, 60 and 200 GeV 2—23934
π^- on emulsion nuclei, 45 and 60 GeV/c, coherent production of particles 2—23849
πN, 60 GeV energy characteristics of secondary particles 2—2612
πN interaction, 10.2 GeV/sec., coeff. of inelasticity 2—2614
πN interactions, 60 GeV, slow recoil proton 2—2613
Li, Be, B production in the interstellar gas 2—13818
Pb, electron-photon cascades, energy dependence on primary hadron energy dependence 2—24034
Xe, lunar, solar flare proton effects 2—10994

Cosmic rays continued
electrons
additional flux detection after solar magnetic perturbations 2—17072
distribution function, in EAS 2—2592
EAS, variation of density of penetrating particles as function of zenith angle 2—24001
EAS components, fluctuations 2—23962
EAS soft component, delay measurements 2—24002
EAS spectra, number rel. to number of muons 2—2596
electron-photon cascades in rock, lateral distribution 2—23917
electron-photon shower, angle and space distrib. of electrons, moments method calc. 2—27822
e.m. cascades, perturbation theory formalism, study of transition effect 2—23949
e.m. showers in number of electrons initiated by electrons and photons Pb, fluctuation in 2—24000
emission in strong e.m. wave, quantum treatment 2—5479
energy spectra of secondary electrons produced by cosmic ray nuclei in interstellar medium 2—30507
energy spectrum calc. using integral Fredholm equation and Monte Carlo calc. of errors 2—17985
energy spectrum of those in 5-160 GeV range 2—20426
flux meas., 100-1500 MeV, upper atmos. 2—16870
flux meas. at two levels in the atmosphere angular and energy distributions 2—24022
high energy, in near-earth space, rocket borne scintillation and gas Cerenkov counters 2—23054
number accelerated in flare of 28 Aug. 1966 2—17067
origin above a few hundred GeV, discrete source nature 2—26603
passage through mag. fields, 'plasma' formation 2—14723
primary, from 20 MeV to 20 GeV, energy spectrum 2—8211
primary, from 2 GeV to 200 GeV, energy spectrum 2—14728
relativistic, obs. of resonance transition radiation rel. to development of Lorentz factor selecting threshold counter 2—27827
showers induced by muons at large zenith angles 2—24018
sources, discrete model, anisotropy 2—10799
spectra, quiet-time, energies between 10 and 200 MeV obs. on OGO 5 2—10798
suprathermal, h.f. waves in upstream solar wind 2—10800
e-γ shower, 3 dimensional distribution function for electrons near axis 2—11649
e^-e^+ cascade processes, in strong stationary elec. fields 2—5565
jets *see Cosmic rays/showers and bursts*
mesons
fireballs, production and properties in different energy regions 2—23900
hadron spectra in atmosphere, summary of available data 2—26553
interactions around 10 TeV studied using ionization spectrometer-emulsion chamber combination 2—27793
interactions with light and heavy nuclei 2—2611
Lorentz factor of incident nucleon, determination using fire-balls model 2—24061
pions, identification by multi-layered proportional counters, distinguishing pions from protons 2—27790
production, multiple, models 2—5566
proportional counters, use in detecting meson component 2—27804
underground meson telescope, coupling functions, variations 2—8212
π-nucleus interaction, 200 GeV and 60 GeV, reaction analysis 2—23938
π interactions in photographic emulsion, function of energy for 20, 60 and 200 GeV 2—23934
π^- on emulsion nuclei, 45 and 60 GeV/c, coherent production of particles 2—23849
πN interaction, 10.2 GeV/sec., coeff. of inelasticity 2—2614
πN interactions, 60 GeV, slow recoil proton 2—2613
πN interactions, 60 GeV energy characts. of secondary particles 2—2612
muons
absolute intensity at sea-level, comparison with results of other authors 2—34748
angular distribution of high energy muons at large zenith angles incident at sea level 2—27824
anomalous interactions at very high energies studied on basis of zenith angle distrib. data 2—24053
atmospheric, re-examination of anomalous zenithal distrib., X-process 2—30377
burst frequency distribution, high energies 2—24052
capture, average multiplicity of neutrons formed 2—2617
capture in Fe, Cu, Zn, Sb, Pb, meas. neutron multiplicities, determ. dependence on A 2—24206
cascade shower generation 2—2599
charge ratio, fine structure at large zenith angles 2—24058
charge ratio and momentum spectrum, large zenith angles 2—24043
charge ratio at large zenith angles up to 1 TeV 2—27826
charge ratio determ., 0.3-26 GeV/c, at 2 different geomag. latitudes 2—31337
charge ratio of muons with production energies >17 eV meas. on Utah neutrino detector 2—24054
charge ratio of near vertical muons at sea level, meas. in 5-600 GeV/c range 2—34749
deep underground measurements on Case-Wits- Irvine scintillation detector array 2—23937
density above 5 GeV meas. at various distances 2—23954
density spectrum of EAS, exponent determ. 2—24003
distribution function, in EAS 2—2592
distributions and Coulomb scattering, spectra, soft muons, barometric temp. and density coeffs. 2—14719
EAS, angular distribution 2—23996
EAS, arrival time spread and lateral density distribution at Haverah Park 2—23993
in EAS, bundles at large distances from cores8218 2—8218
EAS, curvature of shower front 2—23994
EAS, detection deep underground, theoretical analysis 2—23990
EAS, distribution of arrival times 2—23992
EAS, empirical structure function 2—23995
EAS, energy spectrum 2—24002
EAS, high energy muons, exptl. data 2—23983
EAS, high energy muons, model calculations 2—23984
EAS, high energy muons detected underground 2—23991
EAS, investigations of muon rich showers 2—23998
EAS, lateral density distribution above 5 GeV at mountain level 2—23988
EAS, lateral distribution 2—23997
EAS, lateral muon distrib. 2—24020

Cosmic rays continued
muons continued
EAS, simulation in space and time of active and muon components, models and calculations 2—23982
EAS, simulation in space and time of nuclear active and muon components, parameter variation effects 2—24040
EAS, theoretical analysis of muonic component 2—23987
EAS components, fluctuations 2—23962
EAS spectra, number rel. to number of electrons 2—2596
emulsion chamber studies, TeV energy range 2—24044
energy and angular distribution, 3-10 TeV 2—2588
energy and interactions, new apparatus for meas. for 1-5 TeV particles 2—23926
energy loss, at 2 to 500 GeV, due to nuclear interactions 2—24042
energy losses and absorption curve 2—24015
energy spectrum, burst size spectrum 2—23961
energy spectrum and ang. distrib., 50-70 GeV, at Giza, Cairo 2—14720
energy spectrum in EAS, calc. and expt. characts. 2—2597
energy spectrum in vertical cascades 2—2589
fast, cross section for electron pair production 2—24059
hard, intensities, theory of meteorological effects 2—14718
high energy, investigation methods for direct production processes 2—24045
high energy, study using emulsion chambers 2—24049
high energy, underground range fluctuations for various energy loss parameters 2—21313
high energy atmospheric, calc. of temp. coeff., sensitivity to muon production mechanism 2—30376
high energy flux up to 8 TeV at sea level, derivation from observed burst size spectrum 2—24014
high energy in penetrating component of radiation at mountain level, meas. angular distrib. and energy spectrum 2—27823
horizontal EAS, meas. of muon content 2—27816
horizontally incident atmospheric muons, energy dependence of direction of maximum intensity 2—30375
integral intensity, variation wih zenith angle near sea level 2—38344
intensities, zenithal enhancements, energy dependence of X-processes 2—27812
intensity, meas. in water at large depths 2—24047
intensity at an underground depth of 60 m.w.e., sidereal variations 2—13828
interactions, in substances of high Z in energy range 10^{11}eV 2—24051
interactions of extremely high energy muons, observed with emulsion chamber at depth of 5 m below ground 2—27818
interference, indirect, with low background coincidence obs. 2—8237
isotropic bakcground, rel. to high spin heavy lepton hypothesis 2—21233
jet, inelasticity fluctuations, particle identification 2—31339
magnetic automated research spectrograph at Durham for meas. muon spectrum up to momenta in excess of 5000 GeV/c 2—27799
mass composition analysis of primary particles above 10^{13} eV 2—23989
momentum obs. with magnetic spectrometer 2—8225
momentum spectrum, spectrograph meas. 2—24050
momentum spectrum and charge ratio to be meas. on vertical double magnet spectrograph at Durgapur 2—27796
multifermion interaction constants, limits from cosmic neutrino and muon data 2—27779
muon bundles, obs. 1300 m w.e. underground 2—24046
muon pairs, production by muons in lead 2—24057
muonic trident prod. via electromag. interaction, cross section 2—23936
nuclear interaction 316 m w.e. underground, shower production 2—23919
nuclear interactions, energies >300 GeV, study using large calorimeter 2—24048
nuclear interactions underground, detection by CsI scintillator 2—24056
nuclear interactions with matter 2—2615
one-fireball-like behaviour in multiple particle productions 2—31343
photonuclear interaction at 3÷50 GeV, π prod. study 2—23935
production of low energy muons by neutral components of cosmic radiation at sea level 2—27781
propagation underground, primary nucleon spectrum below 40 TeV 2—27815
scintillation monitor for recording muons constructed at Lindau, description 2—27791
sea level, via long-lived secondary particles, explanation of results on muon spectrum charge ratio meas. 2—436
sea level differential energy spectrum at 80° to vertical extended to 1 TeV, comparison with vertical intensities 2—27780
secondaries, upward moving, obs. in Kolar Gold Field neutrino expt. 2—23920
of secondary radiation, integral multiplicity of generation 2—14727
showers, far underground, multiplicity spectrum 2—24016
showers, tertiary, two- three- and four- particle spatial correlations 2—5563
showers, underground, lateral distribution 2—24017
solar diurnal variation, effect of atmosphere on observations 2—23127
spectrometer at SLAC, photographs of sea level muons with zenith angles 45°-90° 2—27806
spectrum, vertical sea level, and charge ratio, derivation from nucleon-nucleon collision model 2—2602
spectrum and charge ratio up to 3×10^{12} eV/c momentum meas. with solid iron magnetic spectrometer 2—27805
stopping muon expt., verification of existence of intermediate W-boson 2—14672
stopping ratio underground, calculation from surface energy spectrum 2—31342
triplet and pair generation 2—2616
underground intensity in Mont Blanc tunnel 2—23915
underground nuclear interactions, photonuclear energy losses 2—21312
underground recording, exclusion of temp. effect 2—27808
vertical intensity, abs. meas. near 1 GeV/c at 12°N 2—34750
vertical intensity and angular distribution, in Kolar mines in India 2—24055
vertical spectra, in energy range 30 to 800 GeV 2—24041
zenith angle distribs. of ultra high energy muons, confirmation of direct muon production process 2—27825
zenith angle distribution of muons with energy $\geqslant10^{12}$eV obs. with emulsion chamber 2—27819
ν_m energy spectral at low energies, variation of differential intensity with geomag. latitude 2—26556
neutrinos
bremsstrahlung in degenerate electron gas, high dense stars 2—8113

Cosmic rays continued
neutrinos continued
deep mine expt., lower limit of weak intermediate boson mass 2—23866
deep underground measurements on Case-Wits- Irvine scintillation detector array 2—23937
emission by collapsing stars, oscillations study 2—26752
gravitational collapse, spherical, study of outward neutrino flux 2—33583
high energy events obs. in Utah detector, rate of movement 2—24060
Kolar Gold field expt., obs. of upward moving muon secondaries 2—23920
multifermion interaction constants, limits from cosmic neutrino and muon data 2—27779
processes in lepton era of universe in hot big bang cosmology 2—10793
sea level expts., background effects study 2—23898
from Seyfert galaxies, calc. flux comparison with actual flux as test of matter-antimatter mode13869 2—13869
solar, detection expt. study, point sources of radiation 2—26677
solar, discrepancy between calculated and observed flux 2—30617
solar, in ^{37}Cl(ν_e, e-)^{37} reaction 2—8329
solar, search using ^{37}Cl(ν, e$^-$)^{37}Ar reaction, Brookhaven expt. 2—26896
solar emission rel. to ^{12}C/^{13}C abundance 2—11026
stars, population II, stellar evolution, Big-Bang cosmology 2—10863
Sun, energy transport by longitudinal plasma waves 2—33757
ν_m, energy spectral at low energies, variation of differential intensity with geomag. latitude 2—26556

neutrons
1 TeV particles, interaction with nuclei of photographic emulsion 2—23911
atmospheric, 1-10 MeV, balloon obs. at equatorial latitudes 2—16812
bursts prod. in giant neutron monitorly low energy hadrons in EAS 2—23971
collisions 250 GeV, multiple production of mesons 2—2604
data for May-August 1971 at Canadian stations, tables and normalized graphs 2—38337
detection, high energy by Th coated fission counters 2—23927
detection device for, disintegration ionization chamber, patent 2—21327
energy spectrum at sea level 2—23921
epithermal, spectrum expt. study in equilibrium layers of atmosphere 1967-1969 2—14725
flux, at atmospheric depth 1000 g.cm^{-2} 2—2607
flux variation of fast neutrons, 1-15 MeV, meas. as function of geomagnetic latitude and altitude 2—41016
high energy, inelastic interaction free path in Cu nuclei 2—38343
integral multiplicity of generation, upper atmosphere 2—14727
intensity data, from solar flare of 18 Nov. 1968 2—17067
interactions, inclusive reactions for multiparticles prod., ultrahigh energy 2 -21299
interactions in C, coeff. of inelasticity 2—2610
interactions with light and heavy nuclei 2—2611
leakage flux, energy dependence in 0.01-10 Mev range 2—17987
multiplicity distribution, latitude, altitude and primary modulation effects 2—8219
primary spectrum below 40 TeV, from muon propagation underground 2—27815
of secondary radiation, integral multiplicity of generation 2—14727
semidiurnal variations, study of perturbed zone of interplanetary medium during solar activity 2—16957
solar, balloon borne plastic scintillator counter 2—17071
solar emission 2—11090
variations in isotropic and anisotropic fluxes 2—14717
np inelastic cross sections, 100 and 130 GeV/c 2—23940
PN interactions, 60 GeV energy characts. of secondary particles 2—2612
πN interaction, 10.2 GeV/sec., coeff. of inelasticity 2—2614
πN interactions, 60 GeV, slow recoil proton 2—2613

nucleons
No entries

origin
^{26}Al nucleosynthesis rel. to age of cosmic rays 2—20470
γ-quanta, high energy, search for point sources from pulsars and radiogalaxy 2—17025
anisotropy in interplanetary space, annual modulation of daily variation by frequency modulation method 2—33589
anisotropy in interplanetary space, daily variations 2—33588
clusters of neutron stars as mechanism for injection 2—7480
extragalactic origin suggested 2—1930
galactic, accleration in supernova remnants 2—30490
pulsar production of 2—4929
pulsar theory, origin of light element 2—16955
sidereal variations rel. to solar motion, galactic origin 2—13828
source propositions, evaluation against observational studies 2—1932
ultra high energy, probable origin quasars 2—1931
ultrahigh energy, discussion based on absence of flattening above 3×10^{18} eV 2—10802
γ radiation, from π decay 2—4782
ν emission rel. to solar ^{12}C/^{13}C abundance 2—11026

photons
No entries

primary
No entries

protons
γ fluxes in primary cosmic rays, meas. by Cosmos 208 satellite, geomagnetic latitude dependence 2—27807
γ fluxes meas. by Cosmos 208 satellite, count rate dependence on geomagnetic latitude 2—27807
γ-ray bundles subcores of EAS 2—23968
acceleration region, possible injection mechanism for neutral particles 2—20458
angular intensity distributions of energetic charged particles at 450 km altitude in vicinity of cosmic ray equator 2—27814
antimatter content, upper limit 2—34747
antiproton abundances and zenithal assymetries 2—10778
antiproton abundances and zenithal assymetries 2—10778
antiproton spectrum in primary proton-interstellar H collisions calc. by statistical model of two fire-balls 2—37246
antiprotons, galactic, energy spectrum 2—7368
antiprotons, primary, flux meas., 1970, altitude 30-32 Km 2—14732
arrival directions of high energy primary particles determ. using geiger counter and cloud chamber arrays, Sydney 100 km^2 air shower detector 2—23942
biological effects on tissue 2—7598

Cosmic rays continued
protons continued
calorimeter events above 100 GeV, multiplicities, angular distributions and total inelastic cross sections 2—24028
Cerenkov flashes, high energy, search for point sources from pulsars and radiogalaxy 2—17025
clusters of neutron stars as mechanism for injection 2—7480
composition, rel. to EAS 2—2595
COS-B satellite instrumentation for galactic γ meas. 2—30398
differential energy spectra above 50 GeV 2—34744
differential energy spectra over half solar cycle 2—17986
diffusion coeff. for series of energy ranges 2—17065
EAS, relation between high-energy gamma- rays and shower cores 2—23999
electron-photon cascades from primary photons at 10^{17} to 10^{21} eV 2—14734
electron-photon cascades in rock, lateral distribution 2—23917
electron-photon shower, angle and space distrib. of electrons, moments method calc. 2—27822
electrons, from 20 MeV to 20 GeV, energy spectrum 2—8211
electrons from 2 GeV to 200 GeV, energy spectrum 2—14728
e.m. showers, initiation in Pb, variation in number of electrons 2—24000
energy >100 MeV, obs. in Crab nebula region 2—16968
energy of primary particle in very high energy nuclear interactions 2—23910
energy spectra of γ-quanta in families and their interpretation 2—24024
energy spectrum, 10^{10}—10^{14} eV meas. by 'Proton' satellites 2—14730
energy spectrum, determ. from EAS data 2—2594
energy spectrum meas., 10^{11} to 10^{15} eV, by 'Proton' 4 satellite 2—14729
energy spectrum of particles in 10^{11}-3.10^{14} eV range 2—21309
extragalactic, origin 2—37244
family of γ-quanta with 130 TeV energy 2—24025
flux meas. at two levels in the atmosphere angular and energy distributions 2—24022
flux variation of γ-rays, 0.7-4.5 MeV, meas. as function of geomagnetic latitude and altitude 2—41016
fluxes, meas. by automatic interplanetary probes, time variation effects 2—16952
galactic, accleration in supernova remnants 2—30490
Galactic, local interstellar spectrum 2—33586
galactic, radial gradient in inner solar system, Mariner 4 measurement 2—16954
galactic, solar modulation, expanding solar wind 2—30411
gamma, direction and energy spectrum meas. in energy range 1-10 MeV 2—11183
gamma quanta, energy spectrum calc. using integral Fredholm equation and Monte Carlo calc. of errors 2—17985
gamma ray, background between 0.7 MeV and 4.5 MeV 2—4754
gamma ray astronomy status 2—11160
gamma ray background, diffuse, effect of cosmic ray induced radioactivity in detectors on obs. 2—4779
gamma rays, energy spectra 0.25 to 4.2 MeV 2—20471
gamma rays from Crab nebula EAS studies 2—26645
gamma rays detection and meas. in ≈100 GeV nuclear events 2—23947
gamma rays from relativistic electron bremsstrahlung interactions 2—10787
gamma spectrometery of galaxy, 0.5-5 MeV, using stilbene scintillator detector 2—10822
gamma-quantum spectrum, determ. with multilayer X-ray chamber 2—2583
gamma-ray isotropy between 1 and 6 MeV and implications for future observations 2—13829
gamma-rays, atmospheric, 0.7-4.5 MeV, balloon obs. at equatorial latitudes 2—16812
heavy particles, track meas. in plastic detectors 2—23943
high energy, apparatus for charge composition investigation 2—27783
high energy, scattering in highly ionized interstellar regions 2—37245
identification by multi-layered proportional counters, distinguishing pions from protons 2—27790
interaction cross sections with C and H nuclei, meas. by 'Proton'-4 satellite 2—14729
interactions at 10^{12} eV in light elements 2—23908
magnetic monopoles, possible obs. using detection of Cherenkov radiation in air 2—27813
magnetic spectrograph for meas. primary particle rigidities up to 150 GV 2—27797
nuclear active particles, energy spectrum at mountain altitude 2—23941
nuclear component in range $Z\geqslant6$, observations from Cosmos 136 satellite 2—8215
nuclear interactions 5200 m above sea level 2—24023
nucleon spectrum below 40 TeV, from muon propagation underground 2—27815
nucleus-nucleus interactions produced by heavy cosmic ray primaries in nuclear emulsions, 100-500 MeV/nucleon 2—31338
n.v. background, high galactic latitude regions 2—33587
particle of 4×10^{21}eV energy, evidence 2—8216
particles experiment subsystem of Apollo 15 lunar subsatellite 2—30650
primary particles above 10^{17} eV from muon distrib. in air showers 2—23961
pulsed γ-ray emission above 50 MeV, search in Crab Nebula pulsar 2—26812
rapidly rising p-p total cross section, evidence from cosmic-ray data 2—34718
γ-ray background in energy range 1 keV-1 MeV 2—30410
review of historical background, interactions, detection, spectra, origin and cosmological significance 2—8217
semiconductor telescope, satellite borne for identification of relativistic heavy primaries 2—27786
shower, C-γ, 3 dimensional distribution function for electrons near axis 2—11649
sidereal variation due to solar system motion in galactic rotation frame 2—13828
slow particles, search using particle telescope 2—38338
solar, associated with propagating interplanetary shock waves, directional and temporal properties 2—14015
solar, Ep=1 MeV, diffusion in medium with const. and variable path length 2—17060
solar, low energy, action on lunar Ba isotopes to produce Xe 2—10994
solar emission of gamma-rays 2—11090
space station measurement using nuclear emulsions 2—4784

Cosmic rays continued
protons continued
Sun, Freundlich red shift, $\sigma_{\odot}$ for photon-photon interactions 2—17049
ultra high energy, analysis of exptl. energy spectrum and chemical composition 2—38339
ultrarelativistic, confinement to the Galaxy by long wavelength hydrogmagnetic waves 2—26604
X-rays, soft, automatic stabilized detection system 2—11162
pp and p-C inelastic cross section meas., 20-600 GeV 2—24029
Si solar cells, nonpenetrating proton damage 2—23501

showers and bursts
air jet, type II fluctuations influence 2—27821
air showers, development in atmosphere, detection of atmospheric scintillation light 2—26554
air showers, energies 10^{13}-10^{15} eV, search for quarks 2—17843
air showers, hadron study by combined emulsion chamber image intensifier system 2—23931
air showers of energies above 10^{18} eV, meas. of density distributions at various distances 2—23954
asymmetry, sensitivity to collective motion of secondary particles 2—5568
bremsstrahlung shower from extremely high energy muons obs. with emulsion chamber, determ. zenith angle distrib. 2—27819
cascade showers, generation by muons 2—2599
cascade theory, development using approximation considering collision process and Compton effect 2—23985
cross section of new process in interactions above 10^{12} eV 2—2598
EAS, $10^{11}\gamma$-ray initiated, Cherenkov light distribution 2—23986
EAS, 10^{17}—10^{18} eV, mechanism of radio pulse production 2—24005
EAS, analysis of data leading to possible change in primary chemical composition above 10^{16} eV 2—23939
EAS, angular distribution of muons 2—23996
EAS, at different altitudes, calc. and expt. characts. 2—2597
EAS, calc. of properties for different models of elementary act 2—23980
e.a.s., charge separation in geomagnetic field, production of radio pulses 2—10777
EAS, close groupings of muons at large distances from cores 2—8218
EAS, core region, high energy events study 2—23967
EAS, curvature of muon shower front 2—23994
EAS, delays between soft and penetrating components 2—24002
EAS, density spectrum 2—23979
EAS, distribution of arrival times of muons 2—23992
EAS, electron and muon spatial distrib. function 2—2592
EAS, exponent of muon density spectrum 2—24003
EAS, fluctuation of electron, nuclear active and muon components 2—23962
EAS, fluctuations of energy flow of high energy hadrons 2—23965
EAS, fluctuatios in development, exptl. investigations 2—23974
EAS, geomag. separation of positive and negative charges, radiation production 2—24004
EAS, hadronic component study, high energy 2—23966
EAS, high energy muons, exptl. data 2—23983
EAS, high energy muons, model calculations 2—23984
EAS, high energy muons detected underground 2—23991
EAS, high frequency radio pulse emission 2—24010
EAS, increase of transverse momenta in nuclear interactions at energies $\geqslant 10^{12}$eV 2—38342
EAS, integral spectrum, aeroplane altitudes 2—2593
EAS, investigation of high transverse momenta 2—23973
EAS, investigations of muon rich showers 2—23998
EAS, lateral density distribution of muons at mountain level 2—23988
EAS, lateral distrib. of muons 2—24020
EAS, lateral distribution of muons 2—23997
EAS, low energy hadron component, study of prod. neutron bursts 2—23971
EAS, mass composition of primary cosmic rays above 10^{13} eV 2—23989
EAS, Monte Carlo simulation on basis of aleph model of ultra high energy nuclear interactions 2—23981
EAS, mu-poor, angular distribution meas., deduced origin of showers 2—23956
EAS, multiple cores with transverse momenta, analysis 2—23960
EAS, muon arrival time spread and lateral density distribution at Haverah Park 2—23993
EAS, muon structure function 2—23995
EAS, nuclear active particle energy spectrum and distrib. 2—17989
EAS, nuclear interacting component, densities, momenta and electric charge 2—23969
EAS, particle and energy loss densities at large axial distances, calculations 2—23978
EAS, peculiar large showers detected by Sydney 100 km^2 array 2—23972
EAS, predicted properties derived from Monte Carlo simulations 2—23977
EAS, pulse shape of radio emission 2—24013
EAS, radio emission, geomag. mechanism contribution, signal strength 2—24007
EAS, radio emission study 2—2591
EAS, radio emission study 30 Mc/s, half wave dipole system Moscow State Univ. 2—24009
EAS, radio particle correlation expt. 2—24012
EAS, radio pulse amplitude dependence on shower parameters 2—24008
EAS, radio pulse obs. at Mt. Chacaltaya, arrival directions 2—24011
EAS, radio wave emission, calc. using 1D and 3D cascade theory 2—24006
EAS, rel. to cosmic radio emission 2—2590
EAS, rel. to hadron component of cosmic rays 2—2595
EAS, relation between high-energy gamma- rays and shower cores 2—23999
EAS, search for massive interacting particles of energies of about 2×10^{14}-10^{16} eV 2—31340
EAS, simulation in space and time of active and muon components, models and calculations 2—23982
EAS, simulation in space and time of nuclear active and muon components, parameter variation effects 2—24040
EAS, structure and transverse momentum of subcores of γ-ray bundles 2—23968
EAS, theoretical analysis of e.m. muonic and hadronic components 2—23987
EAS, three dimensional Monte Carlo simulation of nuclear active component 2—23963
EAS, time structure of hadrons of energy >5GeV 2—31341

Cosmic rays continued
showers and bursts continued
EAS, variation of density of penetrating particles as function of zenith angle 2—24001
EAS 2 km array at Haverah Park, general results for inclined showers 2—23950
EAS array, Haverah Park, first 10 years 2—23958
EAS at zenith, u.h.f. radio pulses associated with optical Cherenkov emission 2—38340
EAS containing high energy hadrons, sidereal distribution of arrival directions 2—23959
EAS cores, fluctuation phenomena, Monte Carlo simulations 2—23976
EAS cores, TeV hadronic component study 2—23964
EAS data, primary cosmic ray energy spectrum determ. 2—2594
EAS energy spectrum derivation, results for different arrays put on common scale 2—23953
EAS muons, detection deep underground, theoretical analysis 2—23990
EAS of energies above 10^{17} eV, obs. of muons, distribution 2—23961
EAS particle density fluctuations in lateral distrib., $E_0>5.10^{13}$ eV 2—23970
EAS recording, background radiation interf. minimization 2—2625
EAS spectra, number of electrons rel. to number of muons 2—2596
EAS time distribution of Cherenkov light, use in age classification 2—23955
electron showers induced by muons at large zenith angles 2—24018
electron-photon cascades in rock, lateral distribution 2—23917
electron-photon shower, angle and space distrib. of electrons, moments method calc. 2—27822
electron-photon showers, transition effect 2—2600
e.m., fluctuation of number of particles in substances with large Z 2—24000
e.m. cascade showers produced by muons in zenith angle interval 50°-90°, determ. angular distrib. of muons 2—27824
e.m. cascades, development in stratified media 2—23975
e.m. cascades, perturbation theory formalism, study of transition effect 2—23949
e.m. cascades, vertical and horizontal, age distrib. 2—14733
energy obs. in emulsion chamber, photometric measurement and track counting method 2—5564
energy-loss spectrum of near vertical showers with $E_p\geqslant10^{18}$ eV 2—23951
extensive air showers, gamma rays from Crab nebula 2—26645
Haverah Park 500m array, structure function and core location determinations 2—23952
high energy jet, possible decay in flight of new type particle 2—21310
horizontal air showers, energies$>10^{13}$ eV, obs. and interpretation of integral size spectrum, zenith angle distribs. 2—27817
horizontal EAS, meas. zenith angle distribution, intensity, muon content 2—27816
intranuclear cascade mechanism 2—2601
ionization calorimeter for nuclear electron cascades 2—2582
jet showers, analysis of new particle predicted in experiment 2—21311
jets, 5×10^{10} to 10^{14} eV, dependence of multiplicity and dispersion on primary energy 2—23945
jets, angular distributions of secondaries 2—23944
jets, energy spectrum, angular distribution and transverse momentum distribution 2—23906
jets, identification of kinematic meas. on emitted low energy secondary particles 2—23946
jets produced by $\approx$100 GeV nuclear events, analysis 2—23947
multiple penetrating particles observed underground in Kolar gold mines in India 2—24019
muon induced showers, high energy, obs. at 5 m below ground with emulsion chamber 2—27818
muon rich jets, inelasticity fluctuations, particle identification 2—31339
muon showers, far underground, multiplicity spectrum 2—24016
muon showers, underground, lateral distribution 2—24017
muon-poor air showers, analysis 2—23957
muons, tertiary, two- three- and four-particle spatial correlations 2—5563
neutron multiplicity distribution, latitude, altitude and primary modulation effects 2—8219
new particle and U(4) strange spin formalism 2—38341
nuclear and electromag. showers in muon interactions underground 2—23919
nuclear and electromagnetic in underground muon interactions 2—21312
nuclear bursts without accompanying air showers at 5200 m above sea level 2—24023
nuclear-electromagnetic cascades in iron, determ. lateral spreading by 3d Monte Carlo Simulation 2—27820
quarks, search among delayed penetrating particles near air shower cores 2—23903
shower cores, rel. to straight lightning production 2—11648
space distribution of charged particles 2—27778
strongly interacting shower particles at 70 m.w.e. underground 2—23948
three-triplet model, meso-strong and weak interactions in $SU(3)\times SU(3)$ scheme 2—38209
vertical cascade, muon energy spectrum 2—2589
very high energy (up to 10^8 GeV) interactions, multiplicity predictions compared with existing data 2—24021
e-γ shower, 3 dimensional distribution function for electrons near axis 2—11649
e^-e^+ cascade processes, in strong stationary elec. fields 2—5565

variations
anisotropy, in signals centred around 0900^h sidereal time and +45° declination 2—23916
annual, role of interstellar gas 2—17013
c.m. cascade particles, effect of geomagnetic field on ang. distribution 2—7349
daily, annual modulation by f.m. method, application to modulation due to Earth's revolution round the Sun 2—33589
daily produced by axis-symmetric anisotropy in interplanetary space 2—33588
decreases, interplanetary structure associated with active flare producing regions 2—17083
diurnal, in nuclear composition and 3-D anisotropy after 21.9.67 solar flare 2—14724
diurnal intensity variation meas. at Calcutta 2—20427
eleven yr modulation by solar wind, mag. field study 2—17063
fluxes, isotropic and anisotropic, from neutron component data, solar activity effects 2—14717
Forbush decreases, changes of rigidity dependence and daily variation 2—26555

- **Cosmic rays** continued
  - **variations** continued
    - Forbush decreases, large, during descending phase of solar cycle 19, from obs. of spectral modulation above 2 GV 2—16929
    - Forbush decreases, review 2—26558
    - Forbush decreases and associated v.l.f. night-time propagation phenomena 2—20428
    - galactic, effective region of 11-year modulation, meteorite data 2—16956
    - global variations, introduction of corrections into latitudinal data 2—13799
    - half-daily lunar variation of intensity 2—16926
    - intensity, relation to solar activity, data obtained from Venus 4 and 6 and Pioneer 6 and 7 2—17043
    - intensity, solar modulation in stratosphere, time variation 2—14715
    - intensity fluctuations, short period, in stratosphere 2—14726
    - intensity variations as consequence of corotation effect 2—38335
    - intensity variations during the geomagnetic storm of 8 March 1970 2—7348
    - interplanetary sector structures 2—20472
    - long term, during descending phase of solar cycle 19, from obs. of spectral modulation above 2 GV 2—16928
    - long term modulation and 27-day recurrence 2—11089
    - modulation, global survey, investigation method 2—30378
    - modulation, theory, nonstationary and asymmetric models 2—14716
    - modulation by the solar wind, primary spectrum from obs. of latitude effects 2—11084
    - modulation in the solar wind 2—11083
    - rigidity spectra, meas. using superconducting magnet 2—30379
    - semidiurnal, neutrons, study of perturbed zone of interplanetary medium during solar activity 2—16957
    - sidereal, due to solar system motion in galactic rotation frame 2—13828
    - solar cosmic ray bursts, energy changes in interplanetary space 2—17057
    - solar semi-diurnal, analysis 2—33769
    - solar semi-diurnal anisotropy 2—33768
    - spectral modulation above 2 GV, descending phase of solar cycle 19, comprehensive treatment of global neutron monitor data 2—16927
    - stochastic of galactic rays in solar wind 2—17064
    - ν_m, energy spectral at low energies, variation of differential intensity with geomag. latitude 2—26556
  - **X-rays**
    - background in energy range 1 keV-1 MeV 2—30410
    - diffuse, characteristic line spectra, mode of excitation 2—7370
    - diffuse, Galactic, formed by bremsstrahlung and inverse Compton radiation 2—26605
    - diffuse, small scale structure, autocorrelation function, inconsistent with superclustering 2—10976
    - e.m. wave propagation, lower ionosphere, obs. 2—30343
    - galactic, spectrometry in 30-200 keV range 2—10983
    - ionization in nighttime D-region 2—33534
    - line emission in diffuse background, upper limit 2—26606
    - meas. 15-250 keV from 5th Orbiting Solar Observatory 2—11091
    - primary diffuse component spectrum of sky from 25 to 200 keV, spectrum of Earth albedo 2—4783
    - soft, automatic stabilized detection system 2—11162
- **Cosmogony** *see Cosmology*
- **Cosmology**
  - *see also Elements, origin*
  - angular size cosmological test, suitable choice of radius for galaxy cluster size 2—33603
  - antimatter, existence in universe, from study of matter antimatter annihilation 2—4767
  - antimatter, symmetric existence in universe, review of arguments 2—16951
  - astronomical turning points which lead to new developments 2—7360
  - Bianchi type IX universes, diagrammatic solns. with expansion, rotation and shear 2—7362
  - Bianchi-type IX universes, oscillatory regime near initial singularity 2—41030
  - big bang theory, age of galaxies 2—20499
  - Big-Bang, neutrino emission in population II stars 2—10863
  - black hole in β Lyrae, new evidence from u.v. photometry 2—13827
  - black holes, mass-energy extraction for collisions 2—4766
  - blackbody radiation at 3K and heating of universe 2—16949
  - Brans and dicke's scalar-tensor theory, exact solution 2—20457
  - Brans-Dicke, exact solutions in flat Friedmann universes 2—1927
  - charged particle creation, modified Maxwell equations 2—10794
  - closed solutions to Einstein's field equations 2—41031
  - closure of Universe, unlikeliness that H_2 could do this 2—10816
  - conformal and conformally flat metrics, models with two fluids 2—33573
  - constant, ratios and universe expansion 2—20465
  - cosmic field, universal regulator from Goldstone's theorem 2—8081
  - CP violation, microscopic, implications 2—2504
  - deceleration parameter, q_0, rel. to evolution rates of giant elliptical galaxies 2—37240
  - development of recent theories 2—13823
  - dynamic motions in early universe 2—33574
  - Einstein equations, with cosmological term, homogeneous anisotropic solns. 2—17204
  - elementary particle theory construct. in cosmological spaces 2—7365
  - e.m. dispersion, photon rest mass effect 2—20463
  - evolution of model universe with averaged properties rel. to background gravitational radiation 2—33579
  - evolution of universe, early, problems 2—30403
  - evolutionary effects 2—20462
  - evolving universe, periodic model 2—17188
  - exact solutions in Brans and Dicke's scalar tensor theory 2—33575
  - expanding, universe, 2nd order density wave evolution, isolated eddy behaviour 2—33584
  - expanding universe, entropy increase, expansion acceleration, application of gen. relativity 2—14087
  - expanding Universe, evolution of clusters of galaxies 2—10825
  - expanding universe, Newtonian hydrodynamics in terms of scalar tensor theory 2—26597
  - expanding Universe postulate rel. to tired light effect for redshift explanation 2—33572
  - expanding Universe spherical perturbations, rapid growth rel. to expanding anisotropic world models 2—26586
  - expanding universe tests of Hubble and Tolman 2—26590
  - expansion of the Universe, dissipative effects, multicomponent model 2—10796
  - expansion of the Universe, dissipative effects 2—10803
- **Cosmology** continued
  - extragalactic objects, observational paradoxes about red shifts, ages and origins 2—26608
  - fragmentation of supermassive disks 2—7366
  - Friedmann models, in conformally invariant gravitational theory 2—20459
  - galaxies, rich clusters, angular diameter-redshift relation 2—10825
  - galaxies and blue objects, combined test 2—13877
  - ghost images in universe of strong positive curvature and inhomogeneous mass distribution 2—13825
  - gravitation, expanding universe model 2—4771
  - gravitational collapse, development of neutron stars or black holes 2—10797
  - gravitational waves, primordial, observable effects 2—7364
  - gravitomagnetodynamics, linear and nonlinear perturbations 2—39031
  - hadron barrier and gravitational collapse 2—4774
  - hierarchical, redshift-magnitude relation 2—26594
  - homogeneous, anisotropic model, rotating universe with flat space 2—26588
  - hot big bang cosmology neutrino processes in lepton era of universe 2—10793
  - Hubble diagram, problem of standard source and cosmological implications 2—26589
  - irreversibility, compatibility of astronomical and statistical observations 2—4765
  - irrotational dust solutions of Einstein equations, velocity-dominated singularities 2—2091
  - irrotational hydrodynamic models, velocity dominated singularities 2—26592
  - isotropic Friedmann-type singularity pion creation and annihilation processes 2—26598
  - isotropic models of radiative Universe 2—41034
  - isotropic radiation obs. using quantum electronics, review 2—30401
  - luminosity-volume test, insensitivity of $\langle V/V_m \rangle$ to random shuffling of red-shifts 2—41032
  - matter and galaxies, origin, possible role of elementary particle physics 2—37241
  - matter-antimatter hydrodynamics, coalescence effect 2—7363
  - matter-antimatter phase transition, derivation of the critical temperature 2—30405
  - and microphysics, unified approach to theory of matter 2—4768
  - missing mass problem, tired light hypothesis 2—13817
  - model, containing both positive and negative masses 2—13819
  - model, inhomogeneous, high freq. approx. 2—13822
  - model, inhomogeneous, spherically symmetric, evaluation 2—13816
  - model universes, radiosource counts and evolution rates 2—1967
  - models, radio testing methods 2—41033
  - models, relativistic with pressure, analytic solns. for all values of space curvature constant 2—10791
  - models in conformally invariant gravitational theory 2—20460
  - models using QSOs, restrictions due to screening probability 2—13824
  - multicomponent model for neutrino dissipation of anisotropy in early Universe 2—10796
  - multiply connected universe and excluded possibilities of geometrodynamical analogue to electric charge 2—47
  - neutrino processes, consequences of the assumption of charged intermediate vector lasers 2—21239
  - neutron abundance in synthesis of light elements 2—8206
  - nonhomogeneous universe, luminosity of point sources 2—23053
  - nucleosynthesis of superheavy elements in the universe 2—33578
  - origin and evolution of universe and intergalactic matter and radiation 2—13834
  - oscillating inverse, gravitation theory 2—41035
  - particle creation by gravitational fields in initial singularity 2—26591
  - particles and field conference, Rochester, USA (1971) 2—21206
  - photon neutrino coupling theory, invalidity of astrophysical exclusion 2—5500
  - primeval fireball, temp. fluctuations effect on He abundance 2—10788
  - primordial gravitational waves, velocity dispersions of clusters of galaxies, critique of Rees's (1971) theory 2—26595
  - quantum, quaternion formulation of general relativity 2—26587
  - quasar mass-distance relations 2—13931
  - quasars and radio galaxies, evidence about models 2—13951
  - and radio astronomy 2—4772
  - radiogalaxies and quasars, models for cosmic evolution 2—17017
  - radiosource counts, implications 2—13970
  - relativistic charged fluid balls, hydrostatic equilib. and gravitational collapse 2—20469
  - relativistic models with non-zero pressure 2—4769
  - relativistic runaway from collapsed matter 2—33581
  - relativity, general, and global properties 2—64
  - relativity and gravitation, conference 2—2077
  - relict radiation fluctuations, adiabatic perturbation of material density in universe leading to galaxy formation 2—37251
  - Robertson Walker metric, models with two fluids 2—37238
  - rotating gaseous ellipsoid, dynamics in expanding universe 2—26596
  - scalar-tensor universe, motion of a structureless free particle 2—2095
  - selfgravitating gas, dynamical approach in 1 dimens. 2—39272
  - singularities and possible prevention due to vacuole rotation 2—4770
  - spatially homogeneous universes including rotation, variational principles 2—23247
  - static or expanding universe, theories 2—20466
  - steady-state universe, inner bremsstrahlung as an X-ray source 2—33577
  - super-light velocities in exploding quasar 3C-279 2—30513
  - theories, review 2—13826
  - thermodynamic irreversibility of signal sending and expanding universe 2—2264
  - time direction of information propagation 2—37239
  - topological properties of universe and space-time structures 2—1928
  - uniform model universe containing matter and black-body radiation 2—10795
  - universal, limits on local deviation from homogeneous model 2—16947
  - universal regulator from metrical invariance and Goldstone's theorem 2—14073
  - universe, charge asymmetry, rel. to CP noninvariance 2—2581
  - universe, effective transparency to very high energy photons 2—16950
  - Universe, zero pressure uniform models, parameter det. assuming empirical conclusion 2—26593
  - universe model, anisotropic, Einstein eqn.; soln. with cosmological term 2—44

Cosmology continued
- very high energy particle collisions, scaling, astrophysical implications 2—14544
- weak magnetic field, fluctuation in infinite medium of homogeneous stationary turbulence 2—33571
- ^{2}H/H ratio in the primitive Sun, astrophysical implications of a new value 2—14010

Cosmotron *see Particle accelerators*

Costa Ribeiro effect *see Dielectric phenomena; Phase transformations*

Cotton-Mouton effect *see Magneto-optical effects*

Cottrell atmosphere *see Crystal imperfections/dislocations*

Couette flow *see Flow; Hydrodynamics*

Counters
- *see also Ionization chambers*
- anticoincidence method, $4\pi\beta$-γ, for radioactive conc. obs. of solutions 2—14768
- coincidence apparatus for $\gamma\gamma$ angular correlation meas. after thermal neutron capture 2—24099
- corona, for slow neutrons 2—2639
- digital, coherent, signal to noise ratio 2—11678
- divide by twenty, radiation vulnerability, computer-aided system approach 2—18018
- using electrical impedance of electrolyte, patent 2—38389
- fission counters, Th coated, high energy neutron detection 2—23927
- gamma camera as whole body counter 2—41300
- irregular pulses, selection and counting, noise characteristics of photomultipliers 2—24093
- linearity and noise considerations for position sensitive detectors 2—5594
- Lorentz factor selecting threshold counter, obs of resonance transition radiation from relativistic electrons 2—27827
- photon, improvement using pulse height analyser 2—2640
- photon, use and limitations in meas. of transient atomic fluorescence and atomic absorption signals 2—8431
- pseudostatistically controlled spin-flipper device, polarized neutron diffraction obs. 2—31328
- size and number, based on detecting chamber principle 2—38377
- solid-state dislocation detector, for electrons and μ-neutrons 2—31376
- solid-state for radioactivity analysis 2—7197
- thermoluminescent dosimetry, photon counting technique application 2—27898
- β-ray meas., 4π counter, internal gas counter, defined solid angle method, calorimetric methods 2—14737
- BF_3, for detecting Be using γ-n reaction, electronic arrangement 2—38381
- ^{252}Cf loaded fission ionization chamber, timing resolution 2—31373
- In foil neutron detector, Cd ratio for atmospheric neutrons 2—21331
- **accessories**
  - *see also Counting circuits*
  - amplifier-discriminator system for operation with proportional slow-neutron counters 2—17521
  - broadband current preamplifier for high resolution energy and time information from nuclear radiation detectors 2—27841
  - bubble chamber slide valve, high speed, high pressure 2—18027
  - Cherenkov detector system, mass sensitive image dissecting trigger, for NAL hyperon beam 2—34798
  - coincidence circuit, fanout circuit 300 MHz logic, neutron detection 2—14773
  - conversion electrons separated from high background by mini-orange-type combination, of permanent magnets 2—11675
  - dead time meas. with commercially available NIM modules 2—11681
  - digital corrector for multichannel counting of medium and short lived nuclides 2—14769
  - gas sweeping system for short-lived gaseous activities with semiconductor-counter telescope 2—8238
  - high speed time to amplitude convertor using IC's 2—27906
  - pulse rise time discriminator, distinguishing X-ray events from particle events in proportional counters 2—27859
  - pulse shape discrimination, scintillation counters for cosmic ray applic. 2—23929
  - spectrometric amplifiers for semiconductor detectors using field-effect transistors 2—19715
- **Cherenkov**
  - with aqueous solution of amino H acid as radiator, efficiency for electrons and pi-mesons 2—31366
  - cosmic ray isotope and charge resolution using large area scintillation-Cherenkov-total energy telescopes 2—27811
  - electronic defect detection using Cherenkov counters 2—25366
  - gamma-rays with low energy 2—5590
  - gas, for 10 to 100 MeV astronomical gamma rays 2—8214
  - gas, in gamma telescope for fine angular resolution of gamma astronomical sources 2—10988
  - gas, with spatial resolution, for electrons design and performance 2—14758
  - gas differential, 2.10^{6} rate resolving power 2—24084
  - high energy cosmic ray nuclei, energy and charge spectra 2—5589
  - mass sensitive image dissecting trigger, for NAL hyperon beam 2—34798
  - selective counting method for charged particle activation analysis 2—40860
  - water, large area, design and performance for cosmic ray applic. 2—27784
  - PbF_2, Pb glass, in γ-ray spectrometer, rel. to spectrometer based on scintillation 2—14748
- **crystal**
  - NaI(Tl), efficiency of recording gamma radiation from point isotropic sources 2—24085
- **Geiger**
  - halogen quenched, discharge mechanism and props. 2—27855
  - pulse analysis using time analyzer 2—444
- **operation technique**
  - *see also Counting circuits*
  - No entries
- **proportional**
  - 4π proton-recoil, for neutron spectrometry in energy range up to 10 MeV 2—27864
  - 400 wire system for SLAC 2o GeV spectrometer 2—27856
  - chamber system construction and design for SLAC 20 GeV spectrometer 2—27857
  - for charged particle beam cente of gravity det. 2—21024
  - cylindrical, anomalous effect when filled with tissue equivalent gas 2—34788

Counters continued
- **proportional** continued
  - distortions of energy deposition, theory, event simultaneity in cavities 2—18008
  - gas gain meas., errors through amplifier pulse shaping effects 2—18007
  - gas proportional chamber for use in cosmic X-ray research 2—11186
  - gaseous, rectangular, potential distribution analysis by conformal transformation of Jacobian elliptic function 2—34785
  - ion mobility measurement application 2—12457
  - localization of low energy particles using a chamber with divided cathode 2—24073
  - meson component of cosmic rays, detection 2—27804
  - multi-layered, for distinguishing pions from protons in cosmic radiation at 200 GeV 2—27790
  - multi-wire with uniform gain 2—5582
  - multiwire, adaption with delay-line readouts for neutron radiographic imaging 2—27863
  - multiwire, array, process and coding system 2—27910
  - multiwire, coding system allowing no. of electronic channels needed for reading to be reduced 2—14753
  - multiwire, computerised system for low, medium and high energy physics 2—24075
  - multiwire, detection of X-ray transition 2—8231
  - multiwire, development of TTL hybrid IC 2—27858
  - multiwire, gas mixture for high gain 2—34786
  - multiwire, in analogue mode for beam profile and flux measurements 2—5581
  - multiwire, large, for operation in magnet at storage rings, characteristics 2—8230
  - multiwire, readout system, phase compensated e.m. delay lines 2—27861
  - multiwire chamber, review 2—34787
  - multiwire chambers, total information readout system 2—24074
  - multiwire chambers, total information readout system 2—31356
  - neutron detector sensitive to spot at which neutrons have been transmitted 2—31357
  - neutron hodoscope using multiwire proportional counters 2—24096
  - nuclear active particle detector high resolution 4m^{2} 2-layer detector containing proportional counters 2—27792
  - plastic wall type, for γ-ray dosimetry 2—38775
  - position sensitive, for neutron radiography 2—27862
  - position sensitive, single wire gas Borkowski-Koop type for magnetic spectrograph 2—14752
  - positive pressure sealed, applic. in X-ray spectroscopy 2—14755
  - proton-recoil proportional counter spectrometer, response functions, neutron spectra 2—24076
  - pulse rise time discriminator, distinguishing X-ray events from particle events 2—27859
  - in satellites, high sensitivity survey for X- and γ-ray sources 2—10985
  - slow-neutron, amplifier- discriminator system 2—17521
  - time degeneracy of multiwire proportional chambers using organic gases 2—27860
  - tissue-equivalent for dose-equivalent measurements in mixed radiation field 2—5064
  - ultrarelativistic particle counting by detection of transition radiation X-rays 2—18020
  - wire chambers, front-end electronics system allowing removal of electronics from frame, to optimize active to deadspace ratio 2—21326
  - wire chambers, front-end electronics system allowing removal of electronics from frame, to optimize active to dead space ratio 2—31355
  - X-ray, automatic compensation for intensity dependent pulse amplitude shifts 2—14754
  - BF_3 immersed in water moderator as neutron detector for study of photonuclear reactions 2—18009
- **scintillation**
  - β rays, in biological tissue, counting using Aquasol mixture 2—2631
  - absorber distorting effects on γ-ray spectra 2—38370
  - Anger camera, improved resolution using threshold preamplifiers 2—24098
  - anthracene, response to electrons with energies from 2 to 10000 eV 2—34796
  - biological sample preparation for det. of ^{239}Pu, ^{241}Am and ^{242}Cm by liquid counting 2—14039
  - carbon hexafluoride, γ-ray detector, comparison with NaI detector 2—31365
  - chemiluminescence reduction in refrigerated and ambient temperature instruments 2—27865
  - cosmic ray isotope and charge resolution using large area scintillation-Cherenkov-total energy telescopes 2—27811
  - cosmic ray muon detection, new monitor construction at Lindau 2—27791
  - discharge impulse amplitude and relationship to discharge area 2—38361
  - energy loss of particles due to ionization in CsI 2—4091
  - fluorescent screen for use in heavy ion beams 2—5586
  - gamma defectoscope, defect contrast and detector sensitivity 2—29162
  - gamma defectoscope, parameters calc. 2—29374
  - gamma ray, use as astronomical detector 2—11181
  - gamma-gamma-gamma ang. correl. method and studies in ^{133}Cs from the decay of ^{133}Ba 2—5585
  - gamma-ray spectrometer, Monte Carlo calc. of characteristics in ring geometry 2—17998
  - gamma-rays, composite, directional, efficiency obs. 2—27868
  - glass ionization spectrometers, hadron energy measurement 2—11657
  - hodoscope with light coding 2—24078
  - ion-induced electron yield determ. from stat. analysis of pulse height distrib. 2—31362
  - large area, for cosmic ray muon studies 2—27782
  - light collection, expression for calc. 2—18011
  - liquid, doubly labelled samples, computerized assay 2—2626
  - liquid, effect of admixtures on temp. instability 2—24077
  - liquid, quench correction methods 2—11666
  - liquid, sample preparation techniques for organic materials 2—38363
  - liquid emulsions, ^{3}H detection, using electrolytic enrichment 2—38366
  - liquid scintillators, improved absolute counting of β-emitters 2—18010
  - liquid spectrometry, statistics of coincidence detection efficiency 2—5577
  - loaded liquid, 1,6-dimethylnaphthalene base, decay times 2—11664
  - luminosity measurement at Orsay storage ring 2—11668
  - mean life of detector crystal 2—14757
  - multicrystal, suppression of α-particle background 2—34792
  - NE 110 plastic, cylindrical, smoothing of light collection 2—27870
  - NE-102 and −213 scintillators for neutrons, 0 to 4.8 MeV, computer simulation of detection process 2—24083

Counters continued
scintillation continued
networks for particle identification according to signal shape 2—31363
neutron flux monitor, thin glass scintillation system, ^{6}Li(n, α)T 2—5588
neutron flux monitoring by associated particle counting, discrimination method 2—11669
neutrons, application of two- dimensional analysis mode for separation from gamma quanta 2—24082
neutrons, measurements and calculations of efficiencies of organic scintillators 2—2633
on-line control system for known decay meas. 2—5587
organic, for fast neutron spectroscopy, influence of neutron induced alpha particles on pulse height 2—31361
organic, NE102A, as an acceptable LET dependent detector for quality factor and dose equivalent determinations in a mixed radiation field 2—2628
organic and inorganic, pulse shape discrimination 2—34794
organic and inorganic, pulse shape discrimination 2—24079
phoswich, delayed coincidence obs. 2—38555
photomultipliers, sensitivity threshold for soft beta radiation 2—23549
plastic, array, detection of neutrons of 1.0 to 450 MeV 2—34797
plastic, calibration of neutron detection efficiency for 1-200 MeV 2—34790
plastic, large, performance as proton spectrometers 2—8226
plastic film, preparation technique 2—2627
portable gamma-ray scintillometer for radioactive ore prospecting 2—33423
pulse height spectrum, double convolution function, to select two particle events 2—11667
pulse height spectrum, double convolution function, to select two particle events 2—11667
pulse shape analyzer for fast neutron- gamma discrimination in liquid scintillator 2—14774
pulse shape discrimination, for cosmic ray applic. 2—23929
rectangular, angular distrib. of trapped light 2—8232
simulation of passage of showers of high-energy particles using pulsed gas laser 2—38362
sum-coincidence gamma-ray spectrometer for cascade detection 2—5584
travelling wave, construction and operation 2—31364
1,2,4 trimethyl benzene based liquid scintillator 2—27866
X-ray detection, charge and light peak shifts 2—11665
X-ray detection with blocks 2—24080
β-ray meas., liq., scintillation counter 2—14737
CdF$_2$ in γ-ray spectrometer, rel. to spectrometer based on Cherenkov effect 2—14748
Cd(NO$_3$)$_2$ and NaCl solutions as detector for recording of neutrons 2—38365
CsI, detection of nuclear interactions produced by cosmic ray muons underground 2—24056
CsI(Tl), increasing efficiency of coincidences and anticoincidences 2—34793
^{3}H, calibration and efficiency det. 2—34791
NaI, escape peak to photopeak photons ratio calculation 2—5593
NaI(Tl), anticompton $4\pi\gamma$ detector system at NBS 2—27867
NaI(Tl), as gate in coincidence detector, for X-γ emitters in lunar rocks 2—27869
NaI(Tl), neutron capture cross section obs. 2—11670
NaI(Tl), well-type, γ-ray efficiency values 2—38364
NaI(Tl) Harshaw 7F8 well crystal, total and photopeak efficiencies for cylindrical γ sources 2—24081
NaI(Tl) monocrystal, well-type, for use with gamma automat 2—2629
NaI(Tl) pulse height shift or single escape peak 2—446
TlCl(Be,I), response to high energy electrons 2—2632

semiconductor
absorber distorting effects on γ-ray spectra 2—38370
application to diffraction crystallography 2—3607
beta-ray spectrometer with anticoincidence system for suppression of back-scattered β-rays 2—14759
broadband converters for current conversion sequence of pulses 2—31369
charge collection efficiency analysis 2—31368
charge trapping, probability theory 2—18014
compound material requirements, review 2—27875
Compton profile measurement 2—34800
digital position encoding, striped detectors 2—11672
diodes, neutron dosimetry, using hydrogenous radiator assembly 2—2636
electron detector, materials thickness measurements, comparison with scintillator electron detector 2—2635
h.f. amplifier, spectrometry under large loads 2—24066
impurities and defects, energy levels identification in spectra by improved infrared response meas. 2—27883
material specification and characterization 2—19682
m.o.s. X-ray detector with integrated detection, memory and readout 2—27887
n-type guarded contact surface barrier device, detector in X-ray spectrometer 2—38371
optimization for trace Hg analysis in environmental samples 2—30127
position-sensitive, use in study of heavy element nuclear reactions 2—24086
preparation and applications, book 2—27886
proton recoil, response function to parallel neutron beam 2—8235
radiation damage, general patterns 2—27874
radioactivity analysis 2—7197
Si surface barrier detectors for spectrometry of low energy ion beams 2—27840
spectrometric amplifiers, low noise, using field-effect transistors 2—19715
surface barrier type, pulse formation and risetime meas. 2—34802
telescope, satellite borne, for identification of relativistic heavy primary cosmic rays 2—27786
thickness profiles, twin microscope for measurement 2—14063
trapezoidal filtering of signals from Ge detectors at high rates 2—31367
tunnel diode transistor binary counter 2—31372
X-ray, for on stream analysis of powders 2—34807
CdS, sintered, for gamma radiation detection 2—34799
CdTe:Cu (Ga)(In), detector-mat. evaluation by e.p.r. and channelling expts. 2—36539
CdTe, characterization by nuclear methods 2—34810
CdTe, device and mat. evaluation, trapping obs. 2—34812
CdTe, γ-ray detection, 60-80°C, device characterization 2—34813
CdTe, γ-ray detector for nucleonic propellant gauging in zero-G environment 2—34814

Counters continued
semiconductor continued
CdTe, γ-ray detector material, conf., Strasbourg, France, June (1971) 2—34808
CdTe, γ-ray spectrometer material, crystal growth recombination centre parameters 2—34809
CdTe, nucl. rad. detector, ion implanted, performance 2—34815
CdTe, quality as γ-ray spectrometer 2—38367
CdTe, transport processes 2—34811
CdTe, trapping analysis, transient charge technique 2—34801
CdTe high resistivity, γ-ray detector, characterization 2—2634
CdTe probe, γ-ray detection, medical applic. 2—26947
CdTe probe, γ-ray detection, medical applic. 2—33785
n-GaAs, α-particle and γ-ray detection, liquid and vapour phase epitaxial layers 2—34816
GaAs, γ-detectors, conf. panel discussion 2—34817
n-GaAs high purity epitaxial surface-carrier diode, room temperature operation as detector of photons and charged particles 2—38374
GaAs surface barrier, for α-particles, β- and γ- rays 2—11677
Ge-Li detector gamma shapes, background subtraction problem 2—27872
Ge, amplitude and rise time compensated timing by dual priming of zero crossing discriminator 2—27871
Ge, applic. to nucl. rad. spectrometry 2—34819
p-Ge, detector grade, PCD lifetime meas., temp. depend. 2—29699
Ge, energy resolution, comparison with Si 2—10063
Ge, fabrication by gamma compensation, basic limitations 2—27878
Ge, high purity, detector fabrication and performance 2—27876
Ge, high purity, neutron damage and annealing 2—24091
Ge, high purity, planar and coaxial, fabrication 2—18016
Ge, hot carrier phenomena 2—8233
Ge, γ-ray detection from ^{60}Co, using impulse 2—24090
Ge, γ-ray spectrometer, low temperature behaviour 2—8234
Ge, trapezoidal filtering of signals at high rates 2—27389
Ge, variation in molten salt Li electroplating method of fabrication 2—21329
Ge, variation in molten salt Li electroplating method of fabrication 2—31370
Ge detectors, comparative study of timing techniques 2—14762
Ge high purity, coaxial timing properties rel. to Ge(Li) detectors 2—21328
n-Ge step-junction detector, low temperature performance 2—38372
n-GeAs, prepared on epitaxial layer, low temperature performance 2—38372
Ge(Li), Ag doping as hole trap 2—27881
Ge(Li), analysis of X-ray K-spectra of elements 2—24089
Ge(Li), cooled, for det. of γ-rays in boreholes 2—34803
Ge(Li), escape peak to photopeak photons ratio calculation 2—5593
Ge(Li), five-sided, directional correlation solid angle corrections 2—11673
Ge(Li), for registering soft γ-rays 2—34806
Ge(Li), hollow core coaxial, for γ-rays fabrication 2—14765
Ge(Li), γ ray spectra smoothing 2—2619
Ge(Li), material specification 2—36540
Ge(Li), preparation using small ionic Ti pump 2—24087
Ge(Li), preparation with Ti getter pumps, effect of introducing gases 2—24088
Ge(Li), review 2—34818
Ge(Li) at Kanazawa Univ., characteristics 2—5591
Ge(Li) coaxial, high rate direct coupled preamplifier 2—27888
Ge(Li) coaxial, solid angle correction factors, computer program for calc. 2—14760
Ge(Li) detector, numerical calculation of prompt coincidence curve 2—11671
Ge(Li) detector characteristics, correlation with recent developments in Ge 2—27879
Ge(Li) detector performance, Fano factor 2—38369
Ge(Li) detectors, deep electron trapping centres, level meas. 2—27877
Ge(Li) detectors, fast computer analysis of γ spectrum 2—38368
Ge(Li) detectors, preferential electron trapping by Te atoms 2—27882
Ge(Li) diodes, resolution deterioration by fast neutron damage 2—24092
Ge(Li) gamma-ray detectors, relative efficiency from 0.5 to 12 MeV 2—14764
Ge(Li) γ-ray detector, calibration and photoefficiency 2—18015
Ge(Li) γ-ray detector, peak efficiency calibration 2—5592
Ge(Li) long lived standards for efficiency calibration 2—27884
Ge(Li) planar, shape distrib. by differential pulse shape selection method 2—34804
Ge(Li) time characteristics calc., computer program 2—14763
Ge(II) planar, subnanosecond timing of charge pulses 2—34805
NaI(Tl) single crystal polarimeters, polarization sensitivities 2—27889
Si, characterization methods 2—36540
Si, energy resolution, comparison with Ge 2—10063
Si, hot carrier phenomena 2—8233
Si, response of covered detectors to monoenergetic gamma rays 2—38373
Si, surface stability to neutron bombardment 2—38376
Si barrier detector for secondary electrons from Cu or AgMg surface caused by H, He or N neutral atoms 2—27885
Si barrier operating in d.c. mode, detection of H$^+$, H$_2^+$, H$_3^+$ 2—18013
Si solid-state control-detector, high energy solar X-rays 2—11071
n-Si step-junction detector, low temperature performance 2—38372
Si surface, collective yield temp. and mag. field depend. 2—18012
Si surface barrier, correlation between etch pit density and performance 2—14761
Si surface barrier, pulse height characteristics for heavy ions 2—31371
Si surface barrier detectors effects of neutron irradiation on meas. of fission fragment properties 2—27873
Si surface barrier detectors, effect of electrons bombardment on operating characteristics 2—38375
SiC, α-particle detection at high temps. prod. and props. of diodes 2—34821
Si(Li) detector, filter to separate conversion electrons from high background 2—11675
Si(Li) driftability and precipitation 2—27880
Si(Li) for conversion electrons, resolution improvement by cooling with thermoelectric device 2—11676

spark
gamma ray energy spectrum through measurement of the opening angles of the materialisation pairs 2—5583
Rosenblum with fast photomultiplier, time relationship between visible spark and associated electrical pulse 2—14756
shower detectors, alternate polarity multiple gap 2—11663
Ne flash tubes, applic. to cosmic ray studies 2—38336

Counters continued
- **statistical analysis**
  - area-of-interest unfolding of spectroscopic data 2—8221
  - bubble chamber tracks, least squares fit taking into account multiple scattering 2—14739
  - dE/dx systems to measure the charge and energy of relativistic particles 2—5573
  - gamma-ray spectral data processing 2—38353
  - information from noisy spectrum 2—38354
  - ion-induced electron yield determ. from pulse height distrib. curves 2—31362
  - multichannel analyser, dead time correction to composite gamma-ray spectrum 2—8220
  - smoothing of γ ray spectra obtained by Ge(Li) 2—2619
  - spectrum correction for accidental coincidence in address matrix of counter array 2—5574
  - standard deviation evaluation in point recorded functions 2—5572

Counting circuits
- amplitude and rise time compensated timing by dual priming of zero crossing discriminator for Ge detectors 2—27871
- broadband converters for current conversion of semiconductor detector to sequence of pulses 2—31369
- channel electron multipliers, fast timing characteristics 2—31380
- cloud chamber control and monitoring circuitry 2—14778
- coincidence, using liquid scintillation NaI(Tl) cell as gate for X-γ emitters in lunar rocks 2—27869
- coincidence and anti-coincidence, method of obs. of characteristics 2—34826
- coincidence and anticoincidence, characteristics obs. using time amplitude convertor 2—31374
- coincidence latch, four fold, eight fold fanout circuit 2—14773
- coincidence-anticoincidence, nanosecond resolving time 2—18025
- compensated leading edge timing with fast photomultipliers 2—34828
- digital corrector for multichannel counting of medium and short lived nuclides 2—14769
- etched holes in thin dielectric plastics, automatic fast counting system 2—38393
- fixed charge, for EPMA 2—30119
- high speed time to amplitude convertor using IC's 2—27906
- induced-noise discriminator 2—38388
- integrated, digital coherent detector 2—11678
- multi-channel analyzer, constr. and appls. 2—439
- multiwire proportional counter, development of TTL hybrid IC 2—27858
- multiwire proportional counters, array, process and coding system 2—27910
- multiwire proportional counters, construction and use for meas. e/m in undergraduate lab. 2—14060
- nonlinear pulse height compensator for use with time to amplitude convertor for walk corrections 2—34827
- particle identification according to shape of scintillation signals 2—31363
- pulse amplitude selector, single channel, high resolution, with fast response 2—14771
- pulse height analysis, digital gale unit 2—447
- pulse shape analyzer for fast neutron- gamma discrimination in liquid scintillator 2—14774
- pulse shape discrimination, for α-particles 2—31379
- pulse shape discrimination, for α-particles 2—21332
- scaling decade for frequencies to 200 MHz 2—18024
- six decade current to frequency converter, ion current integrator 2—27905

CPT conservation
- asymptotic SU(3) symmetry, boson nonet couplings and 9th pseudoscalar meson 2—363
- C violating weak interaction, investigation in $SU(3)'\times SU(3)''$ scheme of three-triplet model 2—38209
- C-invariance, tests using e^+e^- colliding beams 2—38242
- CP and isospin violating reaction, symmetries and three triplet model 2—17810
- CP invariance violation in $K^0\to 3\pi$ decays 2—31261
- CP noninvariance and charge asymmetry of the universe 2—2581
- CP noninvariance in $K_s\to\mu^+\mu$-decay rate 2—34657
- CP noninvariance rel. to pulses of long-range field 2—23834
- CP problem, relevance of properties of $W^\pm$ meson and $a^\pm$particles 2—11623
- CP symmetry breaking model in K^0 meson theory, Goldstone theorem 2—27733
- CP violating neutral leptonic currents, rel. to $K_{l,s}{}^0\to\mu\bar{\mu}$ decay 2—34656
- CP violating weak interactions, $\Delta T=1/2$ selection rule 2—23815
- CP violation, cosmological implications 2—2504
- CP violation, Gell-Mann model, appl. to Fitch-Cronin effect in μ-decay and to $W^\pm$ prod. 2—362
- CP violation, rel. to charge asymmetry of $K_l{}^0\to e^\pm\pi^\mp\nu(\bar{\nu})$ 2—17894
- CP violation, review 2—38214
- CP violation, spontaneous genesis model 2—17806
- CP violation and weak hadronic interactions, review 2—38266
- CP violation in $\tau^\pm$ decays, asymmetry in slope parameters 2—27738
- CP violation in $K_l{}^0\to e^+e^-e^+e^-$ decay 2—31263
- CP violation in renormalizable weak interaction theory, rel. to P-odd nuclear forces 2—38433
- CP violation theories, grouping into 2 classes, new unitarity bounds of 2—5524
- CP violation theories, grouping into 2 classes, new unitarity bounds of $\langle K_l/K_s\rangle$ 2—5524
- current conservation equations, solution 2—38210
- finity violating internucleon potential, pion exchange contributions 2—34877
- inclusive processes, consequences of C and isospin invariance and unitary symmetry 2—14601
- neutrino, CPT properties of relativistic wave equation 2—23792
- nuclear time-reversal-invariance violation, limit imposed by neutron electric dipole moment 2—34901
- P,T violating and C=PT conserving strong interactions 2—14538
- P-violating interactions 2—17811
- parity-violating interaction, effects in exactly soluble model 2—34592
- polarized electrons used in tests of invariance principles 2—34615
- T and TCP requirements on reactions of the type $aa\rightleftharpoons bb$ 2—2503
- T reversal, in classical path approx., rel. to collisional depolarization of alkalis 2—5843
- T reversal invariance, angular correlation test based on β decay of ^{192}Ir 2—2753

CPT conservation continued
- T reversal invariance, conditions imposed on scattering matrix in impact parameter approx. 2—24372
- T reversal invariance, in three-body interference 2—21218
- T-invariance rel. to nuclear transitions, Mossbauer tests 2—11717
- T-violation, neutron β-decay, generalisation of Kim-Primakoff theorem 2—31327
- time reversal invariance tested in polarized proton target expt. 2—34769
- time-reversal invariance tested in polarization expts. in nucleon nucleon scattering 2—34714
- time-reversal invariance tests, coulomb final-state interaction in $K^0{}_l\to\pi^0\pi^\mp l^\pm\nu_e$ decays 2—2547
- violation in weak interactions, problems and prospects 2—21221
- weak interactions and CPT univariance, new model 2—34595
- CP violation, in $K_{s,l}\to\mu\bar{\mu}$ 2—17919
- K_s branching ratios, rel. to limit on CPT invariance 2—17892
- K° decay, microscopic irreversibility and thermodynamic arrow of time, formulated without CPT conservation 2—2546
- $K_l\to 2\mu$, possible CPT violation 2—17893
- $K_l\to\mu^+\mu^-$ decays, CP invariance, possible existance of new neutral kaons 2—38287
- $K_s\to\pi^+\pi^-$ CP-conserving decay, methods for meas. phase difference between this and CP-transforming decay $K_l\to\pi^+\pi^-$ 2—27735
- π photoproduction near first resonance, T violation 2—11607
- ^{4}He(d,d)^{4}He polarization-transfer expts. parametrization, constraints imposed by time reversal resonance 2—35063

Cracks
- acoustic emission analysis in pressure vessels, up to fracture 2—15064
- acoustic emission study, review 2—22314
- aerospace component inspetion using variable-focus X-ray tube 2—32665
- alloy stress and environmental effects in power plant 2—15116
- axisymmetric external crack problems for media with cylindrical cavities 2—23331
- bend specimen, three point loaded, elastic work, stress intensity factor 2—2217
- bimetallic media, assoc. dislocation densities 2—12760
- bonded semi-infinite elastic media, parallel to interface, plane problem 2—2196
- α-brass, fatigue crack length and ductility 2—12905
- α-brass, stress corrosion cracking, strain rate depend. 2—6573
- brittle crack propag. initiation criteria 2—25532
- brittle fracture, dynamics 2—29316
- brittle material uder double cantilever beam cleavage 2—15875
- central, sheet strip, stress analysis, finite width corrections 2—2201
- ceramic, detection by i.r. and thermal techniques 2—25609
- ceramic, superficial cracking, rel. to thermal stress theory 2—39775
- ceramics, single phase, and oxide single crystals, effects of thermal expansion 2—15821
- circular, surface of beam, pure bending, stress analysis 2—2197
- circular, surface of semi-infinite solid, stress analysis 2—2197
- circular cylinder with infinite row of penny-shaped cracks, biharmonic stress function 2—17314
- circumferential, in cylindrical shell under press. 2—27166
- circumferential, in cylindrical shell under torsion 2—27168
- cleavage, brittleness determ. method for single cryst. 2—1317
- cleavage, dynamical analysis, fracture surface energies 2—9701
- COD test data, geometry effect 2—25529
- COD test data applicability and determ. 2—25530
- composite, disconinuous, fatigue crack propag. 2—36163
- composite, fibre, linear fracture mechanics, applic. 2—36162
- composite, graphite/epoxy, mixed mode fracture 2—36164
- composite, notched, rel. to tensile strength 2—36134
- composite material, detection by i.r. and thermal techniques 2—25609
- composite materials, nondestructive testing 2—29452
- concrete, initiation limit under triaxial compressive stress 2—15859
- configuration of propagating surface fatigue crack 2—32634
- coplanar Griffith cracks under surface traction, stress intensity factors 2—14199
- corrosion, transgranular stress, Mg-(8.6wt.%)Al alloy 2—1309
- Cosserat medium, couple-stress effects on dynamic stress conc. 2—34020
- critical crack propagation force and ductility, fundamental eqns. 2—6564
- critical opening, slow and dynamic bending test, double notched sample 2—9706
- cylinder, thick-walled, failure, fracture mechanics applic. 2—32643
- cylinder, two layered elastic, stress analysis 2—2213
- deep surface flow, plate, thickness effect 2—2197
- delayed, detection by holographic interferometry 2—36183
- depth, multiple meas. device 2—39867
- diamond, trigon-directed and trigon deflected 2—32645
- diffraction of plane dilatational waves 2—14253
- disc-like, due to action of load and sudden temperature change calc. of axially symmetric temperature field 2—33991
- dislocation, relation between crack and crystal lattice 2—6572
- double cantilever beam test for fracture toughness 2—25565
- ductile crack growth role in failure of structures 2—25527
- Dugdale model, variational methods for crack intensity factors and plastic regions 2—34037
- dynamic shear cracks with friction, model for shallow focus earthquakes 2—30180
- edge crack interaction with other cracks or boundaries 2—29315
- elastic crack tip stress fields, stress intensity factor for symmetrical loads calc. 2—37679
- elastic layer, semi-infinite crack, antiplane strain state, crack propagation 2—20891
- elastic medium, defects as surface distributions of double forces 2—136
- elastic plane, interaction with inclusion, stress intensity factor 2—17313
- elastic solid, Griffith crack, stress intensity factors, asymmetrical distrib. of body forces 2—3903
- elastostatic problem of a loaded crack terminating at a material interface 2—34001
- energy balance criterion for growth under fatigue loading 2—29314
- extension resistance in non flangible metals for fracture safe design of nuclear reactors 2—15061
- fatigue, growth rate testing, in gaseous environment 2—39835
- fatigue, growth under infrequent compressive stress 2—25520
- fatigue, initiation, growth, single edge notched specimen obs. 2—2202
- fatigue crack initiation detector, appl. to bolts 2—39815
- fatigue crack propag., mech. props. and phase stability effects 2—32639
- fatigue crack propag., role of corrosion 2—36160

Cracks continued
fatigue crack propagation in reactor components due to acoustically induced stress, fracture mechanics approach 2—15171
fatigue testing of 17 aerospace alloys 2—6566
Fe-Al(Cr)(Mn)(Ni)(Ti) alloys, stress corrosion cracking mechanism 2—6574
fibreglass rod, surface-initiated failure 2—39804
finite plate, stress intensity factors of interior crack, numerical method 2—33997
formation, during welding 2—9761
fracture branching, dicing, stressed glass 2—1322
fracture mechanics, finite element method 2—23336
fracture mechanics in bonded dissimilar anisotropic elastic half spaces 2—12900
fracture toughness, crack opening displacement method 2—22285
garnet epitaxial film, influence of misfit stress 2—32350
glass, cone-crack growth, section-and-etch study 2—9699
glass, static fatigue rel. to reaction with water 2—36161
glass, stressed, fracture branching and dicing model 2—1322
glass filaments, type E, stress corrosion cracking mechanism 2—39843
graphite, fine grained, microcracks, electron microscope obs. 2—3907
Griffith, opened by thin symmetric wedge, stress intensity factor 2—27172
Griffith concept in fracture mechanics teaching 2—23213
growth, elastic theory 2—25521
growth criteria, nonlinear fracture mechanics 2—12901
Hertzian cone-crack growth, section-and-etch study 2—9699
Iconel 713 C, hot cracking sensitivity rel. to weldability 2—29291
Inconel 600 heat exchanger tubing, stress assisted corrosion in high temp. water 2—11909
Inconel X750, intergranular stress corrosion cracking in pressurized water 2—11910
instrument for detecting fatigue microcracks and measuring metal resilience 2—39858
Kapradse potentials of a double layer, plane surface dislocation, plane crack 2—136
laser materials, internal cracking arising from metallic or dielectric inclusions 2—23607
length measurement in sheet materials, obs. by electrical potential method 2—22308
liquid-filled, velocity in Earth's crust or glaciers 2—22904
lunar mare soil, cracking and formation of clods 2—13990
material interface, edge dislocation pile ups, stress conc. 2—32637
measurement errors and calibration curve plotting using resistance method, EGDA electrical integrator 2—29359
metal, crack formation, dependence of trajectory on direction of stress application 2—3901
metal, ductile, critical plane-strain stress intensity factor 2—19208
metal, stress corrosion cracking, capillary model 2—19205
metal, stress corrosion cracking mechanisms 2—32635
metal, stress-corrosion cracking, electrode kinetics 2—20189
metal component failure, heat treatment effect 2—32627
metal surface, mag. field of eddy currents excited by contact inductor 2—29376
non-destructive techniques for flaw size determination, review 2—32571
nonlinear effects, energy release rate, fracture toughness 2—2199
nonlinear structures, quasistatic crack propagation, general theory developed 2—2207
notched bar impact test for fracture toughness determ. 2—25564
notched bend testing, apparent rot. axis location 2—36180
nuclear fuel pellets expansion, in fuel cladding tubes, strains analysis 2—21462
nuclear radiation effects on fast fracture behaviour of metals and critical crack size 2—15877
nuclear reactor concrete pressure vessels, failure analysis, Monte Carlo methods in finite element calculations 2—15070
nuclear reactor pressure vessel nozzles, three dimensional finite element analysis 2—15057
nuclear reactor pressure vessels, acoustic emission as non-destructive testing method for incipient failures 2—15065
nuclear reactor pressure vessels, stress and strain distributions near nozzles 2—15177
nuclear reactor pressure vessels and piping, non-destructive testing method 2—15178
nucleation, critical shear stress, conformed mapping 2—29313
nylon 6, glass fibre reinforced, fatigue crack propagation 2—29305
opening displacement theory appl. to brittle fracture initiation analysis 2—1338
orthotropic rectangular sheet, central crack problem 2—27167
oxide ceramic, defects, porosity, elastic consts., u.s. and fluorescence obs. 2—12978
penny-shaped, 3-dimensional electrostriction, stress singularity 2—17333
penny-shaped, at elastic layer/half space interface 2—17312
plane with circular opening and radial cracks, stress field 2—33995
plate, 3-D temp distribution 2—5193
plates, rectangular, cracked, vibration and stability 2—7747
PMMA, fatigue fracture and striations 2—25535
polycarbonate, glass fibre reinforced, fatigue crack propagation 2—29304
polyethylene terephthalate, amorphous and cryst., fracture behaviour 2—39845
polymer, amorphous glassy, critical growth rate 2—9712
polymer, fracture initiation rel. to network orientation and microstructure 2—15869
polymer in biaxial and triaxial tension 2—15885
polymer molecular order and motion, seminar, Seattle, USA, Oct. (1970) 2—15639
polymethylmethacrylate, fast fracture and arrest 2—15887
polymethylmethacrylate, stressed in liquid media 2—29332
polymethylmethacrylate, temp. rise in craze region during fast crack propagation 2—9713
polystyrene, inherent flow size and fracture energy 2—1330
polystyrene, thin sections, crazing, fibrillar struct., electron microscope obs. 2—3912
polystyrene 2—15888
polyvinyl chloride, cleavage fracture, birefringence obs. 2—15889
pre-fractured rocks, Westerly granite and Cedar City tonalite 2—33429
prevention of microcracking in the fusion zone in the welding of medium-carbon steels 2—6581
propagating brittle tensile, numerical simulation 2—6571
propagation, elastic fields, stress function model, photoelastic investigation 2—2214

Cracks continued
propagation, Kostrov theory, computational procedure 2—3902
propagation in fatigue-cracked thin sheets, stress intensity factor determ. methods 2—9702
propagation rate under alternate stresses 2—39836
propagation under random loadings, simulation of random envelope processes 2—37685
pulsed-arc welding, tungsten electrode, influence of metal solidification pattern on hot cracking 2—12957
pyrographite, surface energy, water and aqueous ethanol effect 2—28998
quartz, stress corrosion cracking, static fatigue 2—1327
radial, in finite elastic disc, stress intensity factor 2—23334
rapid extension, in body in a state of uniform anti- plane shear 2—27173
rate-dependent, unsteady motion preceded by thin plastic zones 2—9700
reactor fuel, post-irrad. exam. techniques at Studsvik 2—38750
reactor pressure vessel, fracture control procedure 2—25566
reactor pressure vessels, safety analysis, elastic fracture mechanics applic. 2—24296
shear wave induced, propag. eqns. and stability 2—9698
slender column, stress analysis 2—2195
slender notch in uniform tensile field, shear stress distrib. 2—36159
slow fracture tests, recording of length of developing cracks 2—29358
in solids containing inclusions 2—32636
spall damage, continuum measures 2—22276
stability, rel. to energy and crack length, fracture test analysis 2—2200
steel, arrest of propagating cracks 2—25531
steel, austenitic, corrosion cracking in boiling soln. 2—1753
steel, austenitic, cracking in boiling sulphur studied 2—6576
steel, austenitic, stress corrosion cracking, fracture surface, electron microscope obs. 2—19212
steel, austenitic stainless, propagation, relationship of nitrogen to stress corrosion 2—1326
steel, austenitic stainless, stress corrosion cracking, alloying effects 2—1325
steel, austenitic stainless, stress corrosion cracking. effect of alloying elements 2—29326
steel, borated, rel. to fatigue strength lowering 2—39808
steel, brittle fracture initiation in residual stress field 2—25522
steel, brittle fracture propag., continuum aspects 2—15870
steel, bulk and micro-flow fracture behaviour, neutron irrad. effects 2—25525
steel, carbon, corrosive cracking 2—29312
steel, cementite particle fracture on room temp. deform. 2—39839
steel, cleavage cracking by H_2, kinetics 2—29318
steel, corrosion fatigue cracking, stress corrosion cracking, environmental attack, fatigue loading effects 2—19218
steel, crack arrest in transversely loaded elastic plates 2—36171
steel, crack form. due to decohesion at ferrite-cementite interface 2—29309
steel, cyclic heating effects 2—25516
steel, dynamic strain-ageing embrittlement effect on press. vessel integrity 2—24294
steel, effect of cement bound concrete, electrochemical investigation 2—6578
steel, effect of crack angle on fracture toughness 2—3906
steel, failure, carcking rel. to inclusions 2—39813
steel, fatigue crack growth, stress cycle asymmetry effects 2—39840
steel, fatigue crack propag., strength and stress history effects 2—36170
steel, fatigue limit, effect of struct. and props. 2—36149
steel, formation, fracture mechanics, fatigue cycling 2—9709
steel, fracture toughness variation prediction from small specimen tests 2—25524
steel, H crack corrosion resistance, effect of Si and Mn content 2—6579
steel, H cracking, cathode polarization in acid media 2—30070
steel, hardened, mech. of delayed propagation 2—32650
steel, high strength, stress corrosion crack velocity 2—19214
steel, high temp. fatigue crack growth 2—15879
steel, high-strength, fatigue crack growth, effect of purity 2—15880
steel, maraging, fatigue crack growth, fractographic study 2—32647
steel, maraging, fatigue crack growth, fractographic study 2—32648
steel, maraging, propagation rel. to microstruct. 2—9710
steel, maraging, stress corrosion cracking, loading mode effects 2—19213
steel, maraging, stress corrosion cracking 2—15881
steel, maraging stainless, crack sensitivity 2—36243
steel, medium carbon, effect of alloying and microalloying on resistance to cracking 2—3900
steel, microcrack formation and heating during plastic deform. and annealing 2—32584
steel, mild, crack opening displacement and fibrous fracture 2—32642
steel, notched, fatigue loading, stress distrib. 2—29325
steel, plastic zone form. and fatigue crack extension during bending 2—19215
steel, plastic zones in double cantilever beam specimens 2—19216
steel, pre-strained, stresssed, ductility, yield and tensile strength, permanent strain 2—12854
steel, propagation mechanism, in corrosive conditions 2—6558
steel, rel. to strength drop at cryogenic temps. 2—36138
steel, sheared edge bend test 2—39860
steel, stainless, corrosion cracking by thermal gradient stresses 2—6575
steel, stainless, fatigue crack length and ductility 2—12905
steel, stainless, high strength martensite, sodium chloride solutions 2—1324
steel, stainless, with surface oxide film, corrosion resist. 2—13582
steel, stainless austenitic, under high strain, effect of carbides 2—9651
steel, stainless stress corrosion cracking resist., comp. effects 2—15882
steel, stress corrosion, crystallography, morphology, kinetics, models 2—3909
steel, stress corrosion crack velocity 2—36169
steel, stress corrosion cracking in water cooled reactors 2—11908
steel austentic, intercryst. and corrosion cracking, dislocation arrays 2—33381
steel composites, maraging steel/Armco iron, s.c.c. 2—30069
steel plates, brittle fracture 2—25567
steel stainless type 304, resistance to fatigue crack growth at high temps. due to cold working 2—15884
steel tubes, detection simulation, schlieren apparatus for ultrasound visualization 2—37765
steel wire drawing, failure exam. 2—22286
steel/epoxy resin, fibre-reinforced composite, multiple fracture 2—32649
strain hardening and stress relaxation effects on fatique crack propagation 2—15876

Cracks continued
- stress analysis, elastic media, finite elements 2—2198
- stress analysis by optical interference method 2—15871
- stress conc. approach to fracture mechanics 2—25523
- stress corrosion cracking and fracture mechanics 2—1320
- stress corrosion cracking rates, steel, in distilled water or NaCl soln. 2—3910
- stress corrosion cracking rel. to repassivation kinetics, tribo-ellipsometry technique obs. 2—36157
- stress corrosion specimen, crackline-loaded edge-crack type 2—15872
- stress distribution in vicinity of crack tip, three dimensional numerical analysis 2—142
- stress intensity factor for corner flaw 2—39834
- stress intensity factor for cylindrical shells under internal pressure 2—14179
- stress intensity factors, plastic zone sizes, estimation 2—3906
- strip, infinite row of parallel cracks, plane strain problem 2—17315
- subcritical growth and gross instability 2—19207
- supersonic crack model for cryst. lattice 2—36158
- surface, Mode I, II, III, effect of angle on fracture toughness 2—3906
- surface, u.s. refl. study 2—1321
- surface-cracked tension elements, fracture behaviour in elastic-plastic range 2—27154
- testing, application of liq. crystals 2—32238
- thermal fatigue under multiaxial thermal stresses 2—39820
- thermal propagation, application of Griffith fracture theory 2—32638
- thermal stresses in solid with parallel circular cracks 2—37712
- thin shells, elastic analysis by finite element method 2—14206
- tip, antiplane shear, stress field analysis 2—11329
- tip replica, scanning electron microscopy 2—9705
- transparent plate, stress intensity factor determ. method by projection onto screen 2—17332
- two-dimensional, stress analysis 2—27158
- two-dimensional multiple crack division, dynamic analysis 2—37704
- two-dimensional multiple crack division, dynamic analysis 2—34036
- ultrasonic inspection of high-tensile petroleum tubes 2—17390
- vibration of elastic plane and half plane due to sudden appearance of crack 2—27220
- viscoelastic solid, moving crack problem 2—25519
- weld metal, resistance to hot cracking by e.m. stirring 2—15925
- weld metal, testing for resistance to formation and development of crystalline cracking 2—15921
- weld seam joints, of reactor pressure vessel, safety factor evaluation 2—12902
- welded steel, sensitivity, brittle fracture, notch impact toughness testing 2—6580
- welding, some kinetic aspects in Cu 2—12959
- welding and casting, fully austenitic and duplex Cr-Ni steels 2—15920
- Zircaloy, stress corrosion cracking in iodine vapour 2—15114
- Zircaloy-2, hydrogen effect on crack propagation 2—29311
- Al-Zn-Mg, alloy, stress corrosion resist., rel. to tensile props., microstruct., quenching conditions 2—12931
- Al-Zn-Mg alloy, crack initiation and growth subject to fatigue loading 2—32628
- Al-Zn-Mg alloy, notch toughness, Fe, Si content effect 2—12903
- Al-Zn-Mg alloy weld, notch toughness, Fe and Si content effect 2—12904
- Al, anodically oxidized, rel. to electron emission from deformed specimens 2—10157
- Al, ductile tensile, macroscopic simulation 2—3905
- Al, fatigue crack length and ductility 2—12905
- Al, fine subgrain struct. adjacent to fatigue cracks 2—32543
- Al, intergranular embrittlement by liquid Ga, vacancy diffusion 2—12800
- Al alloy, effect of crack angle on fracture toughness 2—3906
- Al alloy, fatigue fracture surface, micropores, electron microscopy 2—3904
- Al alloy, fatigue striations form. 2—29298
- Al alloys, ductile fracture equation 2—15878
- Al alloys, fatigue crack growth, effect of mean stress 2—36165
- Al alloys, plane strain fracture toughness, effects of specimen size 2—36166
- Al bare plates, 2024-T3, mode II fatigue crack propagation 2—36148
- Al sheet, centre cracked, fracture toughness 2—2199
- Al_2O_3-based ceramics, thermal shock resist. 2—36251
- Al_2O_3 sodium borosilicate glass dispersed system, crack size rel. to dispersion 2—32624
- $Al_2O_3.TiO_2$-$MgO.2TiO_2$, microcrack monitoring by acoustic emission 2—29381
- B/epoxy composite, fracture surface energy rel. to acoustic emission 2—32644
- Be, microcracks, intergranular, transgranular 2—12906
- Cu-Al, liquid metal embrittlement, role of plastic deformation 2—3898
- Cu, rel. to internal friction under neutron irrad. and fatigue 2—15805
- Cu, single crysts., initiation, fatigue life, fatigue hardening, work hardening, cyclic deform. 2—6568
- Cu alloys, stress corrosion cracking susceptibility, effect of post form. heat treatment 2—36168
- Cu crystal, tension-compression fatigue, plastic strain 2—3908
- Fe-C alloy, brittle fracture initiation, carbide particle size effects 2—39823
- Fe-C alloy, rel. to temp. and H_2 partial press. 2—36173
- Fe-Cr-Mn-Ni, steel, hot rolled, stress corrosion cracking resist. 2—19248
- Fe-Cr-Ni alloys, austenitic, charging in H, effect on crack formation 2—6577
- Fe-Ni-C, martensitic, H_2 embrittlement 2—12910
- Fe-Si single crystals, propag., effect of prestrain and ageing 2—12909
- Fe, creep rupture, effect of oxidation 2—12869
- Fe, notched, embrittlement by liq. Cu, creep fracture, crack growth, 1373-1403K 2—12897
- Fe, plastic zone around fatigue cracks 2—39782
- Ge, amorphous, network of cracklike voids, evidence from study of u.v. dielectric constants 2—9711
- Ge, rel. to dislocation half-loop formation 2—36032
- HfC, indentation hardness, plastic flow and fracture 2—1294
- KCl, laser-stimulated atomic migration 2—25463
- Li_2O-SiO_2 glass-ceramic, mech. props. rel. to crystallization 2—36140
- Mg-(8.6wt.%)Al alloy, transgranular stress corrosion 1309 2—1309
- Mg alloy, fatigue test, tensile loading, crack growth 2—19201
- MgO-Fe-Ni, fracture props., precip. effects 2—39842
- MgO-$MgFe_2O_4$, fracture props., precip. effects 2—39842
- Mo, microcrack initiation and propag., rel. to fatigue 2—39829
- NaCl, low temp. triboluminesc. 2—10456

Cracks continued
- NbC_x, shocked, microcrack form. 2—29328
- Ni-Co-C, steel, fatigue crack growth, compliance method meas. 550-634K 2—19217
- $NiFe_2O_4$ films, grain boundary cracks 2—18941
- sea ice, floating, due to thermally induced stress 2—10701
- stress corrosion cracking, mathematical simulation 2—19206
- TaC, indentation hardness, plastic flow and fracture 2—1294
- Ti-(8 wt.%)Al-(1 wt.%)Mo-(1 wt.%)V alloy, sustained loud environmental crack growth 2—29330
- Ti-Al-Sn alloy, stress corrosion cracking, role of hydrogen diffusion 2—19147
- Ti-Al-V alloy, fracture toughness 2—22287
- Ti, microcracks initiating fatigue 2—9696
- Ti alloy, fine subgrain struct. adjacent to fatigue cracks 2—32543
- Ti alloy, s.c.c. arrest and initiation stress intensity correlation 2—1329
- Ti alloys, ductile fracture equations 2—15878
- TiC_x, shocked, microcrack form. 2—29328
- U-Mo alloy, stress corrosion cracking 2—12911
- U-Nb-Zr and U-Nb alloys, stress corrosion cracking, effect of Cl^- 2—29331
- U-5wt.%Nb alloy, γ-quenched, stress corrosion cracking, ageing conditions effects 2—36175
- VC crystal, cleavage fracture surface energy 2—22288
- W vortex plate, defect obs. 2—32641
- Zr-Nb alloy, hydrogenation and fatigue failure 2—29303
- Zr, hydrogen effect on crack propagation 2—29311
- Zr alloy, fracture in I_2 vapour, 250-510°C, annealing effect 2—6583
- ZrC_x, shocked, microcrack form. 2—29328

Cranking model *see Nucleus/theory*

Creation of electron pairs *see Electron pairs*

Creep
- *see also Slip*
- acoustic emission study, review 2—22314
- alloys, short-term stress relaxation creep strain measurement 2—29360
- alloys, testing apparatus, high temp. and ultrahigh vacuum 2—3924
- anisotropic in fibre reinforced plate in plain stress state 2—37703
- brass, effects on fracture toughness 2—15837
- brittle rupture under creep conditions, simple theory, applications to programmed loading conditions, initial anisotropy 2—39831
- buckling of a curved column under a time- varying axial load 2—37680
- buckling of tubes under external pressure 2—14165
- circular cylindrical shells, buckling, effect of variation in creep exponent 2—2206
- clay soil, effects of water content on mechanical properties 2—37102
- composite, fibre-reinforced, tensile creep, theory 2—15848
- compressibility of fibre glass shells, creep conditions at normal temperature 2—39777
- compression, small samples at constant stress and temp. 2—36193
- compressive, testing apparatus 2—19219
- computer-aided analysis of long-term creep rupture data 2—32612
- concrete, numerically stable algorithm with increasing time steps for integral-type aging 2—14181
- concrete, time-temp. extrapolation techniques 2—15849
- concrete pressure vessel analysis 2—15067
- concrete structures, thermodynamics of interacting continua with surfaces 2—14180
- conglomerate plastics, effect of temperature and saturated humidity 2—29268
- creep-fatigue life prediction, cumulative damage concepts 2—39822
- cyclic, glass reinforced polypropylene testing 2—39871
- cyclic, plasticity model for strain accumulation 2—34039
- cylindrical sheels under internal pressure 2—14185
- cylindrical shell, collapse, effect of time-varying temp. and external pressure 2—14182
- cylindrical shell, finite length, creep buckling under uniform external pressure 2—7746
- deflection of pressure tubes in horizontal nuclear reactors 2—15167
- deformation of fuel element cladding, applic. of variational principles 2—14166
- development of third stage, pores effect 2—9667
- dislocation, due to Frenkel defects and interstitialcies 2—39688
- dislocation creep, stress reversal, mechanical equations of state 2—3877
- dislocation creep, work hardening/recovery model, mech. eqns. of state 2—39691
- effects on arch and cantilever bridges 2—3831
- epoxy-diane resin, γ-irrad. effects 2—39803
- fatigue interaction in nuclear reactors, design criteria from high temp. material properties 2—15110
- film, of domain boundaries, electron microscope obs. 2—36696
- grain boundary creep cavities, angular distrib., determ. method 2—25555
- graphite, polycryst., temp. and stress effects 2—32615
- heredity theory, analytical relations between creep and relaxation functions 2—30842
- hot hardness testing 2—25550
- Incoloy 800, He environmental effects 2—12871
- Inconel 713 C, rupture, rel. to weldability 2—29291
- incubation period, second stress level effects 2—25509
- irradiation strain in fuel elements in nuclear reactors, finite element analysis of stresses 2—15125
- isotropic solids, at constant stress 2—33999
- kinetics, dislocation bowing, equivalent viscoelastic network 2—32613
- liquid metal fast breeder reactors, thermal and irradiation induced, application of finite elements methods 2—15082
- matrix differential equation and numerical solution 2—17301
- metal, anomalies in creep and low cycle fatigue props. 2—39797
- metal, high temp., rel. to self diffusion 2—12875
- metal, investigation by temp. differential method 2—36126
- metal, negative friction stress during high temp. creep, theory 2—12866
- metals, low temp., exhaustion theory 2—39795
- metals, testing apparatus, high temp. and ultrahigh vacuum 2—3924
- metals, testing in ultrasonic field over wide temp. range 2—29363
- neutron irradiated material, mechanism 2—22273
- Ni-Cr alloy, influence of diffusion creep on precipitate-free zone form 2—29270
- nonlinear analysis at elevated temps. application to nuclear reactors 2—14184
- nuclear fuel and cladding, parametric analysis 2—15826
- nuclear reactor concrete pressure vessel, calculation and experimental verification 2—15077

Creep continued
nuclear reactor concrete pressure vessel, in Brazil 2—15074
nuclear reactor concrete pressure vessels, calculation by approximate method 2—15071
nuclear reactor cylindrical pressure vessels, thermal stress analysis 2—15054
nuclear reactor fuel cladding, under combined effect of creep and plasticity, strength analysis 2—21465
nuclear reactor pressure vessels, concrete at operational temperature of 70°C 2—15066
nuclear reactor pressure vessels, two-dimensional time-dependent analysis by the finite element method 2—15179
nuclear reactor process tubes, analysis 2—15168
particle strengthened systems, high activation energy, interstitial form. and migration 2—29267
pipework systems under creep conditions, stress relaxation 2—14228
plastic, creep in flexure meas., apparatus and technique 2—29371
plastic, HIPS, crazing, rubber-toughening obs. 2—22274
polyethylene, low density, uniaxially orientated, hot- and cold-drawn, tensile creep behaviour 2—12877
polymer, irrad. effects 2—39793
polymeric materials, testing apparatus, extension, creep, relax., in ionizing rad. 2—39880
polymethyl methacrylate, shear creep, energy spectra 2—12878
polymethylmethacrylate, effects on elastic modulus and critical load of shallow circular arch 2—1296
polyvinyl chloride, plasticized 2—19189
polyvinyl chloride, unplasticized, stress level depend. 2—25511
porous body, during sintering 2—1344
quartzites, natural deformation, from various regional metamorphic environments 2—9668
radiation induced, core design analysis for liquid metal fast breeder reactors 2—15045
radiation induced, stress analysis of graphite fuel elements in nuclear reactors 2—15126
ratchetting growth of cladding on nuclear fuel elements 2—15825
regularities in scatter of creep characteristics in alloy specimens 2—39855
reinforced plates, numerical analysis 2—20895
rubber cross linked by dicumyl peroxide, effect of cross linking on rate 2—25508
rupture under sustained loads 2—19207
single crystal, pure, load-elongation and creep curves computed 2—25499
stainless steel, fuel cladding, fast breeder, effect of cold working 2—3879
stainless steel, influence of precipitate morphology 2—9674
steady state, recovery-work hardening model 2—9669
steel, austenitic, rupture strength, C effects in type 304 and 316 2—1304
steel, Cr-Mn-Ni type, 77K 2—36128
steel, Cr-Mo-V, effect of enhanced purity 2—32617
steel, cyclical meas., apparatus 2—25544
steel, effects on fracture toughness 2—15837
steel, heat-resistant, effect of alloying additions on creep rupture strength 2—9687
steel, high creep strength austenitic stainless, with dispersion of TiN 2—15932
steel, low C, effect of temper hardening 2—9673
steel, low temp. anomalies 2—36129
steel, medium carbon, aluminized, effect of barrier layer 2—3876
steel, stainless, eddy current diametral extensiometer studies 2—39862
steel, stainless, He environmental effects 2—12871
steel, stainless, rel. to cold-drawing, temp.-depend., type 316 2—1292
steel, stainless, type 304, creep rupture specimens, metallography 2—39800
steel, stainless bicrystals, intergranular high temp. process 2—12876
steel, stainless and creep-rupture tests, heavy thickness plates, weld metals 2—3880
steel, thermomechanically strengthened, effect on mech. props. 2—9731
stress analysis of complex structures, computer program application to nuclear reactors 2—17306
stress analysis of two dimensional problems under simultaneous creep and plasticity 2—14186
structural metals, mathematical model for elevated temperature deformation 2—15827
superalloy, controlled by use of precip. phases 2—29387
test for biaxial creep in sheet metal 2—6551
thermoplastics, shear creep test apparatus 2—29370
thermoplastics in tension, measurement at high pressure in petroleum-vapour atmospheres 2—39970
thick-walled cylinders, plane strain creep behaviour 2—30838
time dependent in metallic nozzle entering reactor spherical pressure vessel 2—15169
tubular specimen, eddy current diametral extensometer studies 2—39862
zircalloy-2 reactor pressure tubes, creep limit in design 2—5751
zircaloy-2, cold worked, 300-450°C, acceleration mechanism 2—25510
Al, alloy, creep rupture props. 2—19187
Al, interstitial loop formation effects 2—3878
Al, low stress, near melting point, oxidation and substruct. changes effects 2—39798
Al, mosaic. struct. in creep 2—29187
Al, rel. to inclusion of recovery in plastic flow theory 2—39794
Al, steady-state, model calcs. 2—39796
Al, stress and temp. depend. 2—9671
Al alloy, shape of creep surface 2—36127
Al alloys, effects on fracture toughness 2—15837
Al single crystal, disloc. density variation during high temp. creep, etch pit obs. 2—32518
Al_2O_3, corundum, diffusion creep 2—9670
Al_2O_3, H_2O, colloidal boehmite, during dehydroxylation 2—12867
C-Si, fuel coating, creep strains 2—22176
Cd, polycrystalline sample, in presence of adsorbing alloys, dependence of creep velocity on applied stress 2—6552
Co-base alloy, Haynes No. 188, rel. to appl. 2—39920
CoO crystal, stress., temp. and O_2 press. depend. 2—6553
Cr-Ni-Ti, austenitic steel, creep resist., rel. to intercryst. rupture, diffusion, precip. 2—9675
Cr-V steels, effect of Mo content and yield point on creep rupture strength 2—29286
Cr, polycryst., high-temp., surface slip lines, dislocation climb, mech. 2—32616
Cu-Al solid solution, effect of stacking fault energy 2—15850
Cu-Fe alloy, creep limit rel. to α-γ transform. 2—29269

Creep continued
Cu-Zn solid solution, effect of stacking fault energy 2—15850
Cu, polycryst., low temp. plastic flow, creep deform. characts., forest intersection mechanism 2—12868
Cu, rel. to inclusion of recovery in plastic flow theory 2—39794
Cu, stress and temp. depend. 2—9671
α-FE, 650-850C, transmission electron microscopy study of dislocation structure development 2—3779
Fe-Al-Cr alloy, creep rupture strength, effect of Ti and Mo 2—29430
Fe-1.1at%Nb, substitutional dynamic strain ageing effects 2—3866
Fe-Ni film, domain boundary, temp. depend., 20 to −190°C 2—9644
Fe-Si, high temp. steady state and transient, dislocation dynamics 2—39799
Fe, effect of oxidation on high temp. tensile creep 2—12869
Fe, notched, embrittlement by liq. Cu, creep fracture, crack growth, 1373-1403K 2—12897
α-Fe, steady state rate rel. to dislocation dynamics 2—25408
Fe alloys, low temp. anomalies 2—36129
α-Fe single crystal, under stress lower than yield stress 2—12870
In, creep strain jump at supercond. transition 2—3881
LiF, high temp. mechanism 2—32618
Mg, MgO-dispersion strengthened, high temp. creep struct. 2—25598
Ni/ZrO_2 composite, dispersion-strengthening 2—12874
Ni-Co alloy, effect of mag. transform. 2—12873
Ni-Cr alloys, influence of grain size and precip. parameters 2—12872
Ni, steady state rate, screw dislocation motion with jogs 2—9676
Ni, substruct changes rel. to high temp. creep, porosity, shear modulus obs. 2—12730
Ni alloy, dispersion hardened 2—1293
Ni alloy, precipitation hardened, twinning 2—9574
Ni alloy, superrefractory, during high-temp. fatigue, rel. to freq., stress, temp. 2—29271
βNiAl, dislocation reactions, elec. microscope obs. 2—9677
Pb-Sn:Cu uniaxial metal matrix composite, subjected to axial and lateral loads 2—15851
Pb, creep strain jump at supercond. transition 2—3881
Pb, stress and temp. depend. 2—9671
Pb, surface tension, viscosity, grain boundary energy, and diffusion coeff. detm. 2—32619
Pd-Si based metallic glasses, anomalous viscoelastic behaviour 2—32590
SiC:Ti uniaxial metal matrix composite, subjected to axial and normal lateral loads 2—15851
SiC coated fuels particles for gas cooled reactor, rel. to failure 2—28149
Ti-Al-V, alloy, tensile and torsional loading effects 2—19188
TiO_2, rutile, high temp. compressive creep 2—29273
TiO_2, rutile, recovery of high temp. creep-resistant substruct. 2—29272
$(U,Pu)O_2$ fuel, irrad. effect 2—11902
UC, nuclear fuel, neutron irrad. effects 2—29274
UN, nuclear fuel, neutron irrad. effects 2—29274
UO_2, fission induced, instrumented capsule for meas. 2—11917
UO_2, helix fabrication for irrad. creep meas. 2—36254
UO_2, nuclear fuel, neutron irrad. effects 2—29274
V-Ti, V-Ti-Nb, Si/Ge alloying effects 2—1295
W, irrad. under stress., induced growth 2—32492
W composite, heat resist. alloy coated, creep rupture strength 2—12885
Zn, polycrystaline sample, in presence of adsorbing alloys, dependence of creep velocity on applied stress 2—6552
Zr alloy, creep-resistant, for reactor press. tube appl. 2—39945
Zr alloy, high temp. 2—12875

Critical constants, thermal
glass transition in highly crystalline polymers, small angle X-ray scattering 2—18907
hexane-ethanol azeotropic mixtures, det. of critical temps. from ultrasonic data 2—39415
saturated liquid volumes, corresponding states correlation, use for calc critical temperatures, pressures and volumes 2—25069
specific volume and derivatives of the thermal equation of state of fluids 2—39414
ternary mixtures, vapour-liquid critical states 2—28932
$AlCl_3$, fused, critical temp. 2—18873
Ar, opalescence, compressibility, small angle X-ray scatt. obs. 2—3429
Na-Li liquid system, X-ray opalescence meas. 2—3428
Ne, electron mobility near critical point 2—35817

Critical mixtures *see Solutions*

Critical opalescence *see Phase transformations; Solutions*

Crowdions *see Crystal imperfections/interstitials*

Cryogenics *see Cryostats; Low-temperature/phenomena; Low-temperature production; Low-temperature technique*

Cryopumping *see Vacuum pumps; Vacuum technique*

Cryoscopy *see Freezing; Low-temperature production; Low temperature technique*

Cryostats
for chemical reactions study by matrix confinement method 2—41368
dissolving cryostat with ^{3}He evacuation using a condensation pump, 0.06K 2—37526
facile cond. type, for neutron diffr. expts., 4.2-300 K 2—11231
He^3, continuous flow, horizontal, for organic polarized proton targets 2—20775
for internal friction and elasticity modulus measurement, during low temp. electron irrad. 2—22319
liquid N_2 bath, cooling by adding He to vapour phase, application to frequency shifting of ruby laser 2—34400
metal, and sample holder, for photo Hall effect studies on high ohmic crystals from 10-300 K 2—30721
metal, for i.r. reflectance and transmission obs. 2—41372
microtome, for frozen tissues for biological assay 2—20779
optical, with fine temp. control, for 5 to 260°K range 2—20776
optical measurements on semiconductors in the far i.r., pneumatic device for specimen stability 2—20778
for plastic deformation experiments, 1.2-400 K 2—25559
polarized nuclear bombardment target, ^{3}He-cooled 2—34760
polarized target cryogenics, recent progress 2—34758
u.h. vacuum with independent pump, investigation of surface properties of semiconductors 2—26990
for vacuum u.v. spectroscopy, temp. 77 to 300 K and 4.2 K 2—17135
for X-ray and neutron diffraction crystallography 2—25284
He, metal, supercond. sensor with heater for temp. control 2—41367
He liquid, automatic level controller 2—26991

Cryostats continued
- ^{3}He, direct access allows experimental sample without warming apparatus above 4.2 K 2—41371
- ^{3}He. for nuclear orientation by adiabatic demagnetization with superconducting solenoid 2—30720
- ^{3}He, with adsorption pump, for thermal and elec. conductivity meas. in range 0.4 to 4.2 K 2—41369
- ^{3}He right angle, incorporating high field superconducting solenoid 2—5099
- liqN_2, device for automatic control of level 2—20777

Cryotrons *see Superconducting devices*

Crystal chemistry
- alkali metal molybdates and tungstates, oxygen ion effective charge rel. to m.p. 2—28945
- alkali metal tungsten bronzes, stoichiometry ranges rel. to electrochem. prep. 2—10633
- antimony cpds., solid, trivalent 2—9343
- boron suboxide, prep. and characterization 2—9331
- carbides 2—9327
- crystallography, introductory text book 2—39596
- 3,4-dichloronitrobenzene, n.q.r. Zeeman spectra of ^{35}Cl 2—13560
- garnets and perovskites, high-pressure synthesis 2—17041
- geometrical basis, 3-dimens. 3-connected nets, struct., topology 2—32409
- heavy elements, chem. shifts of $K_{\alpha 1,2}$, $K_{\beta 1,3}$ and $K_{\beta 2,4}$ lines due to valency electrons 2—7086
- high temp. mats., conf., Gaithersburg, USA, Oct. (1971) 2—9326
- intermetallic compounds, struct. 2—6421
- ionic state, methods of determ. from X-ray diffraction analysis 2—6392
- iron cyanide bronze, prep. and structure 2—25244
- lanthanide and actinide oxides, crystallographic shear relations between α-UO_3, CaF_2, La_2O_3 and NaCl structure types 2—3738
- lanthanide chalcogenides, ternary, cryst. families and mag. props. 2—9341
- molybdates, trivalent metal, struct. and phase relns. 2—9340
- non-stoichiometric compounds 2—6394
- organic reactions, lattice and mol. considerations 2—35933
- organic solid-state chemistry, conf. Rehovot, Israel, (Sept. 1970) 2—37052
- oxide and related phases prep. by chem. transport 2—10622
- oxide defect structures rel. to stoichiometry 2—9546
- oxide fuels, mixed, irrad., chem. effects of comp. changes 2—545
- oxides, tetrahedrally-coordinated, $LiPO_4$ type families 2—9335
- perovskites, $A^{1+}B^{5+}O_3$-type, B=Ta,Nb,Sn, existence rel. to bonding, high press. synthesis, transforms. 2—9346
- precious metal pyrochlores, rel. to electronic characterization 2—10076
- rare earth orthoaluminates, struct. obs. on orthorhombic $SmAlO_3$ and trigonal $NdAlO_3$ 2—19058
- rare earth oxide (R_2O_3)-WO_3 system, cpd. formation, stoichiometry 2—9339
- rare earth oxides and oxysalts, anion centred coordination polyhedra and related props. 2—9338
- rare earth ultraphosphates 2—6395
- rare-earth borides, B-rich, synthesis and characterization 2—9337
- refractory carbides, packing and vacancy ordering 2—9329
- refractory sulphides, metal-rich, significance of Kasper polyhedra 2—9351
- rutile, homogenous series formation in oxides rel. to crystallographic shear planes 2—9549
- sapphire, Fe, Ti doubly doped, redox reaction, e.s.r. and optical spectra, biparticle formation, valency states 2—25241
- scandium oxide, nonstoichiometric, plasma-synthesized, prep. and props. 2—9344
- scheelite-type compounds, ABO_4, rel. to thermal expansion 2—22430
- silicate systematics, tetrahedral and octahedral coordination 2—9345
- silicides 2—9327
- transition metal carbides, stability, model 2—9330
- transition metal chalcogenides, ternary, cryst. families and mag. props. 2—9341
- transition metal complexes, crystallizing in columnar structure, one-dimensional metallic properties from reflectance spectra 2—15681
- transition metal compounds, nonstoichiometry rel. to semiconductor-metal transition 2—4218
- transition metal niobates, i.r. absorpt. spectra obs. 2—10396
- transition metal phosphides, arsenides and arsenophosphides, struct. evolution 2—18968
- transition metal silicides and germanides, TT′Si(Ge) type, struct. relns. 2—18969
- tungstates, trivalent metal, struct. and phase relns. 2—9340
- vanadium oxides, bonding rel. to structure 2—9318
- zircon-type compounds, ABO_4, rel. to thermal expansion 2—22430
- $AgAl_{11}O_{17}$, sodium β-alumina isomorph., stoichiometry and defect struct. rel. to cation mobility 2—18965
- AlNa silicate glasses, Nd-doped, Al coordination effect on spectroscopic properties of activator 2—26211
- Am compounds, chemical characterisation by ^{253}Am Mossbauer spectroscopy 2—22734
- Ba-Fe-S(Se) system, cpd. formation, structural chemistry and mag. props. 2—9332
- BaO, nonstoichiometric, p-T-x diagram construction 2—35843
- $BaSb_2O_6$, i.r. absorpt. spectra obs. 2—26161
- $BiRhO_{3\|x}$ system, pyrochlore and perovskite prep. 2—25242
- BuO-RuO_2 system, high press. synthesis of $(ABX_3)(AX)_n$ compounds 2—18967
- $Ca_2P_6O_{17}$, ultraphosphate, definition 2—6395
- Ca_4PO_{11}, ultraphosphate, definition 2—6395
- $CaSb_2O_6$, i.r. absorpt. spectra obs. 2—26161
- Ca_2SiO_4-$Ca_3(PO_4)_2$ system, ordered distribution 2—12718
- $CdSb_2O_6$, i.r. absorpt. spectra obs. 2—26161
- CdTe, stoichiometry rel. to conc. and type of electrically active defect 2—36536
- $CeO_2.TeO_3.4.5H_2O$, synthesis and thermal stability, 25-900°C 2—29079
- $Ce_2O_3.2TeO_3.10H_2O$, synthesis and thermal stability, 25-900°C 2—29079
- Co-Te system, stoichiometry, Mossbauer obs. 2—16433
- CoO_x, solidification temp. and nonstoichiometry in oxidizing atmos. 2—9333
- $(Cr,Fe)_2Ti_{n-2}O_{2n-1}$, shear struct., X-ray and electron diffr. obs. 2—25243
- Cs_3FeCl_6, Mossbauer effect, consistent difference in parameters of spectra indicate that compound can exist in two forms 2—36832
- CsNb(Ta)O_3-W(Te)O_3 system, pyrochlore related phases 2—15682
- $CuFeS_2$, $Cu_{1-x}Fe_{1\|x}S_{1.80}$, prep. and characterization 2—9334
- $Cu_5GdSe_4(Te_4)$, synthesis, cell parameters, and stability 2—29080
- Cu_2S, stoichiometry changes, temp. effects 2—9800
- Cu_5YbS_4, synthesis, cell parameters, and stability 2—29080

Crystal chemistry continued
- Fe compounds, pressure induced electronic changes, theoretical analysis 2—22098
- $FeNbO_4$ and $FeNb_2O_6$, i.r. spectra obs. 2—13473
- $Fe_{1-x}O$, Wustite, defect struct., stoichiometry. 685-1300°C, CO_2-H_2 atmos., thermogravimetry 2—1243
- $Fe_{1-x}O$, non-stoichiometry, Mossbauer effect, quadrupole and Zeeman splitting 2—26129
- Fe_2O_3, stoichiometry limits 2—22099
- $FeVO_4$, Fe^{3+}-Fe^{3+} repulsion, rel. to cryst. struct. 2—3708
- GaAs, non-stoichiometry, precision lattice parameter obs. 2—6434
- HoP_5O_{14}, ultraphosphate, orthorhombic form, anionic arrangement 2—6395
- KCl, Sm^{2+} to Sm^{3+} osication, fluorescence intensity study 2—10441
- KNb(Ta)O_3-W(Te)O_3 system, pyrochlore related phases 2—15682
- $LaRuO_3$-$SrRuO_3$, structure and covalency effects changes on La content increase 2—10214
- $LiNbO_3$ to Li_3NbO_4, nonstoichiometric salts, ^{93}Nb n.m.r. linewidth stoichiometry dependence 2—40777
- $LiXO_4$, X=P, V, As, and $Li_2M^{2+}X_1{}^{4+}O_4$, M=Zn, Mg, X_1=Ge, Si 2—18966
- $MgCO_3$-$NiCO_3$ system, stability relations 2—12999
- $MgNb_2O_6$, i.r. absorpt. spectra obs. 2—10396
- $MnFe_2O_4$, ion distrib., Mossbauer obs. 2—40617
- $Mn_{5-x}Fe_xSi_3$, bonding, mag. moment, Mossbauer effect obs. 2—25245
- MnRhSi 2—9349
- $Na_4W_{14}O_{23}$, triclinic sodium tungsten bronze 2—9481
- NbO_2-Nb_2O_5, Nb_2O_5-Nb_3O_7F systems, intergrowth phases, homogeneity 2—9336
- Nb_2O_5-ZrO_2 system α-PbO_2 type phases, cation deficiencies and superstructure 2—9482
- Nb_2O_5-ZrO_2 system α-PbO_2 type phases, cation deficiencies and superstructure 2—9482
- NbRhGe 2—9349
- NiO, stoichiometry limits 2—22099
- $PbCl_2$, prep., purification, oxidation, hydrolysis 2—3587
- $PbSb_2O_6$, i.r. absorpt. spectra obs. 2—26161
- PdP_yS_{2-y} 2—3725
- PtP_yS_{2-y} 2—3725
- RbNb(Ta)O_3-W(Te)O_3 system, pyrochlore related phases 2—15682
- Si, six coordinated in SiO_6 polyhedron, by study of crystal structure of various Si containing complexes 2—6393
- SiO_2 polymorphs, π bonding and delocalization effects 2—9319
- Sn_xWO_3 orthorhombic bronzes, struct., X-ray and electron diffr. 2—25347
- $SrFe_xMn_{1-x}O_{3-y}$, lattice parameters, oxygen deficiency determ., Fe valence states 2—9492
- SrO-Ir(Cr)O_2 system, high press. synthesis of $(ABX_3)(AX)_n$ compounds 2—18967
- $SrSb_2O_6$, i.r. absorpt. spectra obs. 2—26161
- TeO_2-MO_2 system, M=Ti, Zr, Hf, Sn, V; structure of cpds. formed 2—9347
- Ti-O system oxides, ionicity comp. depend. from structure factor determ. using electron diffraction 2—9348
- TiO_2, reduced, electric charge transport, nonstoichiometry, defect ordering 2—29171
- TiRh(Pd)Si 2—9349
- $Ti_{1-x}V(Cr)_xS_2$, prep. and characterization 2—9350
- TlNb(Ta)O_3-W(Te)O_3 system, pyrochlore related phases 2—15682
- WO_3:Nb_2O_5, crystallographic shear, electron microscopy and diffr. 2—25412
- WO_3, prep., colour, non-stoichiometry, X-ray exam. 2—25246
- Y_2O_3:Eu^{3+}, random substitution of Eu^{3+} for Y^{3+}, reflection spectra obs. 2—13464
- $Zn_xFe_{3-x}O_{4-x}F_x$, rel. to mag. and elec. props. 2—22695
- ZnTe film, elec. and optical props., stoichiometry depend. 2—25829
- ZrMGe, M=Fe, Rh, Pd 2—9349
- Zr_9S_2, and other metal-rich refractory sulphides, significance of Kasper polyhedra 2—9351

Crystal classes *see Crystal structure, atomic; Crystallography*

Crystal cleavage *see Cleavage*

Crystal counters *see Counters/crystal*

Crystal electron states
- *see also Colour centres; Helicons; Pseudopotential methods*
- acepleiadylene mol. cryst., electronic struct. and transitions 2—28340
- alkali halide, electron density distrib., Lowdin approx. 2—32865
- alloy, binary, unidimensional, electron spectrum 2—16079
- alloys, electronic shielding rel. to density of states 2—4104
- amorphous one-dimensional substances with γ-function atomic potentials 2—13065
- benzoxazole, Davydov splitting 2—16502
- creation of annihilation operators defined 2—16128
- cubic lattice, quasi- particle density of states, polynomial approx. 2—19500
- degenerate Fermi system, Raman scatt., intermediate state interactions 2—16510
- degenerate localized levels theory of optical transitions, method of moments 2—13467
- density spectra computed by histogram method for cubic lattice 2—16078
- disordered alloys, average Green function calculated 2—4096
- disordered alloys 2—6706
- electron ion pseudopotential interaction free energy and electronic specific ht. 2—16092
- film, Schrodinger eqn. separation for electron problems 2—13066
- general dielectric function, longitudinal sum rule 2—32866
- Green's function technique and standard-basis operator method 2—19483
- group II-VI semiconductor, F^+ centre, electronic struct. 2—1261
- ice, cavity model for localized electrons and microscopic relaxation time 2—29078
- insulator, transparent, Raman scatt., intermediate state interactions 2—16510
- metal, electronic structure rel. to props. 2—40121
- metal, relationship of density of unpaired electrons in outer levels to electron work function 2—6914
- metals, core electron effect on density of states, electron-phonon interaction 2—4095
- metals, density of states determ. from tunnelling conductance meas. 2—1459
- metals, fully automated device for positron annihilation investigation of electronic structure 2—6705

Crystal electron states continued
- molecular crystals, mechanical excitations and quantum theoretical formulation of linear electrodynamics 2—40015
- rare earth monochalcogenides, electronic collapse at high pressures 2—29589
- semiconductors, dielectric theory arising from electrons in localized states 2—1502
- solids, slowing-down-cascade spectra 2—19475
- spherically symmetric potentials, Dirac and *t* matrices 2—11276
- transition metals, Fe group, third and fourth spectra, magnetic interactions in 3d^n configurations 2—4415
- tryptophan in ethylene glycol-water glass, triplet absorption in T_1 level resulting in ionization 2—1762
- Ag halide, electron density distrib., Lowdin approx. 2—32865
- AgBr, field injected electrons, photographic action 2—31150
- Al, n.m.r. obs., melting effects 2—7136
- Am, rel. to metallurgical properties 2—22323
- Bk, rel. to metallurgical properties 2—22323
- $Ca_5(PO_4)_3Cl:CrO^{3-}_4$, electronic structure, comparison with Ca_2PO_4Cl 2—4550
- CdTe γ-ray detector, carrier mobilities and trapping times 2—2634
- Cm, rel. to metallurgical properties 2—22323
- Cs halide, reflection spectra between 12.5 and 26 eV, Cs-5p core level excitation 2—36856
- Cu, n.m.r. obs., melting effects 2—7136
- Fe-Co, electronic energy spectrum, X-ray spectral investigation rel. to bonding and formation of ordered states 2—36920
- $Gd_2(MoO_4)_3$: Nd^{3+}, Stark level positions, stimulated emission from $^4F_{3/2}\rightarrow{}^4I_{11/2}$ transition 2—1679
- Ge, metallic electron-hole liquid model 2—36416
- GeO_2, amorphous, fluctuation levels, photocond. obs., −180 to 100°C 2—10137
- Hg chalcogenides, review of fundamental features 2—4121
- InSb, hole-optical phonon coupling magneto-optical study 2—36822
- PdO, bonding model 2—3575
- SbSI, ferroelectric and paraelectric states, internal field gradients 2—1567
- SnX_2, X=halide, electronic config. of α—Sn, Mossbauer effect method 2—4097
- TRO_2:$^{237}Np^{4+}$, e.p.r. studies on strained and unstrained crystals, electronic state of Np determ. 2—10486
- Ti-Co, electronic energy spectrum, X-ray spectral investigation rel. to bonding and formation of ordered states 2—36920
- Ti-Mo, electronic energy spectrum, X-ray investigation rel. to bonding and ordered state formation 2—36921
- Zr-Co, electronic energy spectrum, X-ray spectral investigation rel. to bonding and formation of ordered states 2—36920

band structure
- *see also Brillouin zones; Crystal field theory*
- adsorbed layer, field emission energy distrib. 2—18954
- adsorbed layer, Hubbard's Hamiltonian, electronic struct. and binding energy 2—12680
- adsorbed layers on metals, u.v. photoemission spectroscopy 2—36625
- alkali fluorides, photoemission spectra, 10-40 eV photon energy range, electron affinities determ. 2—19803
- alkali halides, vacuum u.v. spectra, expts. using storage ring light source 2—16479
- alkali metal, rel. to piezobirefringence obs. in vac. u.v. 2—16470
- alkali metals, phase- shift pseudopot. 2—36403
- alkali metals, phase-shift pseudopot. 2—36402
- alkali metals, self-consistent calc. 2—1461
- alkaline earth titanates and zirconates, band gap determ. 2—1526
- alloy, binary equiatomic, band model for order-disorder transition 2—19308
- alloy, binary ordering, cubic lattice, electron energy pseudopotential calc. 2—9920
- alloy, dil., oscillatory part of density of states 2—9949
- alloy, disordered, muffin tin potential calc. 2—16094
- alloy, disordered, rel. to lattice dynamics 2—36314
- alloy, disordered binary, density of states, temp. depend. 2—32873
- alloy, disordered binary, model calc. 2—4109
- alloy, disordered binary, pair effects, CPA analysis 2—9925
- alloy, heterogeneous diffusion, stable electronic configuration model 2—25459
- alloy, ionicity rel. to mag. props., atomic and band models 2—16340
- alloy, one-dimensional type-AB infinite, electron energy eigenvalues derived by transfer matrix method 2—13075
- alloy, random substitutional, CPA for nonoverlapping-muffin-tin-pot. model 2—25724
- amorphous and cryst. material, exponential tail behaviour of fund. absorpt. edge 2—40652
- anthracene, polarization depend. of transitions, reflection spectra, 4.5-11.5 eV 2—20007
- anthracene film, rel. to γ-irrad. effects on I-V characts 2—29681
- antiferromagnet, itinerant electron model and spin wave vel. 2—6987
- antiferromagnet, spin-polarized electron states, photoelectron spectra obs. 2—36637
- antiphase structures, $L1_0$ and $L1_2$, periodicity rel. to valence electron conc. 2—35976
- aromatic compounds, from photocond. activation energy 2—19791
- aromatic crystals, triplet state exciton band structure from ^{13}C shallow trap states 2—19517
- augmented plane wave calculation 2—19504
- azolidones, rel. to mag. susceptibility 2—19837
- benzene, solid, higher $\pi\rightarrow\pi^*$ transitions, spectral obs. 2—20052
- Bloch function calculation 2—19503
- β-brass, u.v. photoemission obs. 2—1589
- calcogenide semiconductors, bonding bands, lone-pair bands and impurity states 2—19662
- n-CdSe, conduction band edge, magnetophonon effect 2—19661
- chalcogenide glass, model for elec. cond. mechanism 2—19628
- chalcogenides, amorphous, model analysis of photocond. 2—36609
- chalcopyrite lattice, empirical pseudopotential method 2—13260
- charge transfer complexes, e.p.r. obs., conduction mechanism 2—10526
- chlorides, determ. from Cl^- $L_{2,3}$ absorpt. spectra regularities 2—20032
- chlorides, $L_{2,3}$ absorpt. edge of Cl^- 2—33293
- p-chloroaniline, pure cryst. absorption spectrum of lowest singlet state, vibronic intensity pattern 2—20054
- cluster model, self-consistent-field 2—19505
- cluster model, spin-unrestricted self-consistent-field 2—18961
- CNDO method applic. 2—19494

Crystal electron states continued
band structure continued
- Compton scattering and electron momentum distribution 2—1676
- condensed medium, optical transition energy calc. 2—36407
- conduction band obs., absorpt. spectrum, 30-246 eV 2—20050
- conduction in narrow energy bands, theory 2—40236
- copper heteroorganic acetylenides, absorption and photoconduction spectra investigated by diffuse reflection spectroscopy 2—29922
- core binding energy shift determ., ab initio mol. wave functions 2—35341
- core-electron binding-energy, estimation using equivalence of equally charged cores 2—35223
- coronene crystals, calculation of band structure and carrier mobilities 2—25727
- crystallographic transition, electronically induced, solution of dynamic model including higher-order terms in distortion operator 2—25614
- d-band materials, u.v. photoelectric emission obs. 2—16332
- deformed lattice, electron-phonon coupling in tight-binding approx. 2—29591
- diamond, discrete variational method calc. 2—1525
- diamond, infinite lattice, semiempirical LCAO calc. 2—9932
- diamond, theoretical and experimental investigation 2—4115
- diamond, valence electronic structure from X-ray photoelectron spectroscopy 2—35225
- diamond, X-ray photoelectron spectrum, valence band width, density of states 2—25978
- diamond-type, dielec. function 2—6826
- dinaphtho[2,1-2′,3′]furan-8,13-dione, polymorphism, X-ray and spectra obs. 2—25356
- disordered alloy, cluster CPA method calc. 2—36409
- disordered solid, pair approx. in the coherent potential theory 2—9928
- disordered system, density of states, gap existence 2—4110
- disordered system, eikonal many-fermion Green's function 2—9923
- disordered system, functional analytic study 2—22462
- disordered system, spectral limits, tight binding model 2—19496
- disordered system, theory 2—16102
- disordered system, theory of almost periodic struct. 2—36408
- electron gas, level density in strong mag. field, effect of impurities 2—32900
- electron transition processes, valence band struct., soft X-ray emission spectra 2—4465
- electron valence band struct., soft X-ray band emission 2—4465
- electronic spectra, electron/energy transfer interaction 2—9927
- electroreflectance meas. in nonuniform field in small-wave-number approx. 2—26139
- elemental semiconductor, amorphous 2—19646
- elemental semiconductor, amorphous 2—19646
- e.p.r. obs., rare earth impurities in metals, cond. electron coupling, review 2—4536
- Fe_3O_4, coexistence of localized and itinerant d-electrons 2—16093
- ferroelectric, band gap, temp. depend., rel. to Curie temp. 2—16278
- ferromagnetism in narrow- band solid, model calcs. 2—29804
- field emission spectra, photon enhanced, non-direct optical transition characts. 2—16327
- film, amorphous oxide, voltage formed, filamentary model 2—40272
- film, thickness depend. 2—13081
- finite crystals, Stark ladders of energy levels in one-dimensional models 2—19499
- finite one dimensional lattice, size effect, Kronig-Penney calc. 2—9922
- finite system, reduced Green function 2—13078
- four point Hubbard model, specific heat maxima, rel. to Mott transition 2—33167
- glass: Mn-R, R=Nd, Ho, Er, energy transfer between sensitizer-activator 2—4493
- graphite, π band, combined OPW-TB calc. 2—13077
- graphite-K intercalation cpds., photoelectron spectra obs. 2—10158
- group II-IV-V_2 compound, valence band spin-orbit splitting 2—32872
- group IIB-VIA semiconductors, upper d-levels from X-ray and u.v. photoelectron spectra 2—36633
- group III-V compound, e.p.r., review 2—33334
- group III-V compounds, optical effective mass of electrons, temp. dependence 2—36525
- group iii-v semiconductor, crystalline and amophous, density of states calc. 2—10049
- group theory applic. and irreducible representations of wave vector 2—6713
- halide, layer structure, rel. to optical props. and chemical decomposition, reveiw 2—16686
- heavy rare earth metals, conduction electrons' role from e.f.g. analysis 2—26091
- Hubbard's approx. band scheme, accuracy 2—13079
- Hubbard's Hamiltonian, paramag. state 2—6943
- Hubbard's narrow energy band model, nonexistence of magnetic ordering at nonzero temp. 2—10179
- Hubbard model, correl. effects 2—16096
- Hubbard model, electron- magnon interaction 2—40427
- Hubbard model, ground state energy and condition for ferromagnetism 2—40428
- Hubbard model, localized moments form. 2—36399
- Hubbard model, mag. order 2—40426
- Hubbard model, method of spectral densities 2—32871
- Hubbard model, one-dimens., thermodynamic props. 2—40537
- Hubbard model, one-dimens. half-filled-band, thermodynamic props. 2—22670
- Hubbard model, rel. to excitons in mag. insulator 2—19519
- Hubbard model, single hole propag. 2—36400
- β-hydrogen phthalocyanine, tight binding energy band calcs. 2—13261
- ice, cubic, rel. to free H_2O mol. electronic struct., mol. tight binding approach 2—16106
- indirect two-photon interband transitions, analysis 2—22754
- inert gas, density of states absorpt. spectra 2—20024
- inert gas, density of states effects in an extreme u.v. reflection spectra 2—19995
- inert gas solid, compressive metallization 2—19498
- insulator, electronic polarization effect, review 2—40136
- interband Raman scattering study 2—25716
- intraband electron-phonon coupling in tight-binding approx. 2—19491
- intraband electron-phonon coupling in tight-binding approx. 2—19492
- ionic cryst., far-u.v. reflectivity obs. 2—13457
- ionic crystals, Coulomb potential by direct summation 2—9320

Crystal electron states continued
band structure continued
Josephson junction transmission line, energy band struct., wave propag. 2—22512
KKR equations validity for overlapping potentials 2—22461
Landau level broadening 2—29595
lanthanide elements and compounds, native of 4f bonding 2—4106
layer type crystal, combined OPW-TB calc. 2—13077
LCAO method, self- consistent energy bands 2—13080
LCAO wavefunctions of simple cubic lattice 2—19017
light absorption, Urbach rule 2—4453
magnetic materials, emission and absorption spectroscopy 2—26150
metal, b.c.c., influence on crystallization 2—18974
metal, correl. potentials in nonuniform electron gas 2—32901
metal, d-band, pseudo Green's functions and pseudopot. theory 2—25723
metal, dielec. function and effective band edge concept 2—29596
metal, effects on shock compression 2—39769
metal, electron correlations, band structure effects 2—36394
metal, f.c.c., LEED spectra and layer-KKR method 2—35864
metal, f.c.c., rel. to isotope effect in solubility of H/D 2—19260
metal, mag. energy bandstructure, pseudopot. approach 2—32913
metal, muffin tin zero, phase shifts and logarithmic derivatives 2—16098
metal, non-transition, rel. to pseudopotential calc. of binding energy 2—40139
metal, perturbation energy, elastic const. relationships applic. 2—1275
metal, phonon induced self energy and mass enhancement of electrons 2—4107
metal, spin polarization and spin fluctuation interactions 2—40440
metal, X-ray spectra depend. 2—1701
metal film, from quantum magnetoacoustic oscillation study 2—6722
metal layers, thermal properties and i.r. absorbing power of Bi, Sb, Sn, Ag and Au 2—19448
metal-insulator transition, coherent- potential approximation solution of Falicov-Kimball model 2—19663
metal-insulator transitions, coherent pot. approx. 2—40271
metal-nonmetal transition, rel. to electrons in narrow bands, Hubbards model 2—40134
metal-semiconductor contact, filling of local levels applied voltage effects 2—19659
metal-semiconductor contact, nonequilibrium excess carrier conc. 2—13282
metallic phase stability, electronic energy considerations 2—25237
metals and semiconductors, interband transitions 2—33094
metals interionic potentials, determ from energy function of band structure 2—29502
methyltetrahydrofuran glass energy levels structure of trapped electrons deduced from photoconducting and bleaching 2—36615
m.i.s. structure, tunnelling probability, influence of band bending 2—19727
molecular crystal rel. to photoemission and photoionization 2—19801
Mott transition, impurity effects 2—40273
muffin tin potentials, cluster, generalized phase shifts 2—16100
naphthalene, isotopic mixed cryst., energy spectrum 2—33279
noble metal alloy, rigid band model 2—32878
noble metal aluminides, L-emission spectra obs. 2—20087
non-degenerate system, undamped Cooper pairs 2—29594
nonparabolic energy bands, electron density calc. 2—16089
nonradiative energy transfer between ions, many-body processes 2—26209
one-dimensional aperiodic solid, rel. to cond. calc. 2—22448
one-dimensional Hubbard model, density of states exact sol. 2—32867
optical mass renormalization in electron-phonon system 2—6719
OPW energy band calculation, influence of asymptotic linear dependence 2—32868
OPW method, overcompleteness 2—32869
organic molecular crystals, semiconducting, valence bandwidths, vac. u.v. photoemission obs. 2—19812
organic semiconductor, upper limit of effective electron mass 2—40228
orthogonalized plane wave method 2—13076
orthogonalized plane waves, basis set 2—36405
ovalene crystals, calculation of band structure and carrier mobilities 2—25727
paraffins, long-chain, u.v. absorpt. spectra, interband transitions 2—40687
photo-field-emission technique 2—22656
photoconductor, noise, band to band Auger processes 2—19781
photoelectron spectroscopy, temp.-dependent, dynamic hybridization 2—36626
photoelectron spectroscopy techniques for density of states determ. 2—13356
photoemission and optical spectra study 2—36406
phthalocyanines, band structure and deformation potentials 2—4128
polyacrylonitrile, evaporated film, electrical and optical properties 2—29650
polyatomic anions, in ionic lattices, electronic props., lattice pot. term modification 2—9321
polyethylene, u.v. absorpt. spectra, interband transitions 2—40687
polyethylene valence band, exptl. and theoretical study 2—16115
polymethylpolyarsine, optical consts. study 2—13431
population inversion of spin levels in paramag. cryst. 2—6714
potassium halides, extreme u.v. spectral obs. 2—20042
precious metal pyrochlores, electronic characterization 2—10076
pseudopotential theory, similarity transformation of Schrodinger eqn. 2—20817
pyrocarbons, boron doped, model, rel. to graphitization 2—3984
quantum kinetic equation for system with discrete energy levels 2—29928
quantum size effect, potential barrier 2—19495
quasielastic electron knock-out study 2—25721
random lattice, self-consistent average Green's function and generalized CPA 2—6720
random potentials, one-dimens., energy levels 2—40137
rare earth cobaltates, phase transition, rel. to high spin-low spin equilib. 2—36656
rare earth cpds., itinerant electronic system, theory of mag. props. 2—16342
rare earth metals, valence levels, from X-ray photoelectron spectra 2—36628
rare earth sequisulphide, pyknometry, spectra, X-ray obs. 2—40671
rare earth transition metal intermetallics, model calcs. for s- and d-bands 2—40142
rare earths, wave function symmetry in exchange interaction 2—33108
rare-earth elements, alloys and compounds rel. to mag. props. 2—25987
Renner-type systems, optical band shape for A→E transition 2—33228

Crystal electron states continued
band structure continued
rubidium halides, extreme u.v. spectral obs. 2—20042
Saxon-Hunter theorem, relativistic generalization 2—4108
semiconductor, amorphous, covalent network model 2—19658
semiconductor, amorphous, cycle-free approx. 2—25840
semiconductor, amorphous, electronic props. and phase transition effects 2—22515
semiconductor, amorphous, forbidden optical and elec. bands, Fritzsche model 2—16223
semiconductor, amorphous, III-V, rel. to dielec. const. 2—26104
semiconductor, amorphous, III-V and elemental, rel. to dielec. const. calc. 2—26105
semiconductor, amorphous, localized states in band gaps, perturbed atomic orbitals 2—16222
semiconductor, amorphous, review of current theories 2—40233
semiconductor, amorphous, trial wavefunctions for valence band 2—13253
semiconductor, amorphous, weak absorpt. tails and localized states 2—33248
semiconductor, amorphous and cryst., energy gaps and ordering 2—13254
semiconductor, amorphous elemental covalent, short range order and pseudogaps 2—22545
semiconductor, amorphous thin film, review 2—10005
semiconductor, anisotropic band struct., rel. to non-equilib. plasma osc. 2—10003
semiconductor, anisotropic non-degenerate, from n and k freq. functions 2—10298
semiconductor, cond. band nonparabolicity influence on electron heating 2—13252
semiconductor, diamag. excitons in degenerate bands 2—26152
semiconductor, doped, dielec. function and effective band edge concept 2—29596
semiconductor, effective mass., far i.r. cyclotron reson. meas. technique 2—25757
semiconductor, electron energy quantization in mag. field 2—25838
semiconductor, electron gas, Landau level broadening 2—16197
semiconductor, electron-hole pair prod., threshold energy calc. 2—32996
semiconductor, ferromag., metal-insulator transition and autolocalization of cond. electrons 2—32961
semiconductor, Ge, optical absorpt. by holes, indirect transitions role 2—1693
semiconductor, group II-VI cpds., interband Faraday effect 2—13437
semiconductor, group II-VI cpds., interband Faraday effect 2—13435
semiconductor, group II-VI cpds., intergand Faraday effect 2—13436
semiconductor, heavily doped, diffusion, local charge neutrality and one-band approx. 2—36059
semiconductor, heavily doped, i.r. reflectivity, optical const., free carriers 2—26140
semiconductor, homogeneous, rel. to laser generation threshold 2—20090
semiconductor, impact ioniz. and Auger recomb. quadruplets 2—33096
semiconductor, indirect transitions, resonant magnetooptical absorpt. 2—40610
semiconductor, interband transitions, reflectivity spectra 2—10044
semiconductor, Kane model, small-gap, energy levels, and wavefunctions in mag. fields 2—6827
semiconductor, Landau levels, collision broadening, photocond. obs. 2—1583
semiconductor, Landau- Coulomb levels in degenerate band 2—10041
semiconductor, large band, resonant Raman effect localised energy levels, impurity levels 2—16579
semiconductor, magnetic, absorpt. spectra, elec. transport 2—4203
semiconductor, magneto- Raman scatt. and lack of inversion symmetry 2—10405
semiconductor, many-valley, density of states, impurity level effects 2—6825
semiconductor, muffin tin model general potentials 2—16221
semiconductor, multiphoton intraband transitions, uniform mag. field, e.m. wave interaction 2—6828
semiconductor, n-type, analysis of two band Hall effect and magnetoresistance 2—9987
semiconductor, optical energy gaps determ. from surface photovoltage meas. 2—40381
semiconductor, second harmonic generation, coherence lengths and susceptibilities near band edge 2—7036
semiconductor, Si, Landau levels and hole resonance 2—4146
semiconductor, three-photon absorpt. rel. to energy band models 2—10356
semiconductor, transition probabilities between levels of Stark ladder 2—9985
semiconductor, two- electron transition process, elec. field depend. 2—13237
semiconductor, with space group D^{12}_{2d} 2—10042
semiconductor, zincblende type, dielectric function, Penn model 2—10043
semiconductor, zincblende-type, charge density 2—12690
semiconductor alloy, disorder effects on band gaps 2—32997
semiconductor alloy, substitutional, origin of energy gap bowings 2—40270
semiconductor film, band-band absorpt. under size quantization conditions 2—7064
semiconductor heterojunction, cond. band discontinuity determ. from photovoltage 2—19701
semiconductor multivalley, multivalued equilib. distrib. of current carriers 2—22546
semiconductor surface, curvature data 2—10060
semiconductor zincblende alloys, atomic displacement effect on energy gap bowing 2—25839
semiconductors, amorphous, review 2—13203
semiconductors, det. using double beam, single detector, wavelength modulation spectrometer 2—31140
semiconductors with overlapping impurity and conduction bands, negative magnetoresistance 2—29682
silver halides, vacuum u.v. spectra, expts. using storage ring light source 2—16479
SiO$_2$, amorphous, photocond. and photoinjection obs. of band edge 2—16316
small gap semiconductor, effect of transverse elec. field on Landau diamag. and Pauli paramag. quantization of conduction band 2—9981
space-charge-limited currents in presence of traps 2—22517
sphalerite type crystals, parameters of hole band structure by multielectron method 2—40129

Crystal electron states continued
band structure continued
Stark ladders, oscillatory current characteristics 2—40132
Stark-ladder effect, hypergeometric solution 2—25726
statistical exchange parameter optimization 2—25725
substitutional alloy, Saxon-Hutner theorem in the relativistic domain 2—36410
substitutionally disordered crystals, cluster expansion model for density of excited electronic states 2—32870
superconducting film, normal metal coated, thickness depend. 2—9965
superconducting films and small particles, density of states 2—13127
superconducting thermal conductivity, low-band model 2—36472
superconductor, A15 type, constant energy surfaces 2—19562
superconductor, effect of inhomogeneities in electron interactions 2—6786
superconductor, electron-phonon coupling in tight-binding approx. 2—29591
superconductor, generalized McMillan eqn. 2—16157
superconductor, preferred direction tunnelling obs. of energy gaps 2—16155
superconductor, two band, density of states 2—29621
superconductor, two-band, energy spectrum 2—36451
superconductor, weak coupling, gap anisotropy 2—40191
superconductors, u.s. absorption anisotropy, rel. to overlapping energy bands 2—32932
Tamm model, relativistic 2—40130
TCNQ salt, enhanced nuclear relaxation near Mott transition 2—33182
TCNQ salt, spin susceptibility and phase transitions 2—13094
tetracyano-p-quinodimethane, structure of $^{1}B_{1u}\leftarrow{}^{1}A_{g}$ band attributed to vibr. progression 2—20008
theory, book 2—6721
tight binding approx., extended Wolfsberg-Helmholz method applic. 2—29593
tight binding integrals, calculation and parametrisation, simplified procedure 2—22468
tight-binding integrals, calculation and parametrization, simplified procedure 2—4105
transition metal, alloys and compounds, narrow d-band behaviour 2—13082
transition metal, cubic, level repopulation under shear strain and mag. field 2—25997
transition metal, d-band filling, rel. to impurity interactions 2—1458
transition metal alloy, topologically close packed, band struct., supercond. 2—35977
transition metal aluminides, L-emission spectra obs. 2—20087
transition metal borides, from heat capacity meas. in temp. range 1.5 to 15 K 2—22418
transition metal carbides and nitrides, density of states 2—40215
transition metal carbides and nitrides, density of states 2—13182
transition metal dichalcogenides, group IVA, semiempirical tight binding method 2—36417
transition metal dichalcogenides, group VIA, semiempirical tight binding method 2—32886
transition metal dichalcogenides, semiempirical tight binding method 2—32885
transition metal layered dichalcogenide intercalation complex, charge transfer with cond. band 2—19947
transition metal monoxides, APW energy bands 2—13092
transition metal monoxides, APW energy bands 2—13093
transition metal oxide, Bloch and Heitler-London approach 2—13083
transition metal oxides, atomic vacancies influence 2—32887
transition metal oxides, mixed, phase diagram 2—36533
transition metal series, variation of cohesive props. on d-band filling 2—22089
transition metal solid solns., electron/atom ratio 2—40214
transition metals, d-resonances, role in estimation of electron-phonon coupling constant rel. to superconducting transition temp. calc. 2—32931
transition metals, electron-phonon coupling in tight-binding approx. 2—29591
transition metals, electron-phonon coupling matrix elements 2—29600
transition metals, ferromag. density of states of majority spin bands 2—40443
transition metals, H-NFE-TB represent., basis functions and matrix elements 2—16113
transition metals, L-absorpt. of ^{72}Hf to ^{79}Au, white line obs. 2—16600
transition metals, photoemission obs. 2—19810
transition metals, rel. to lattice dynamics 2—32814
transition metals, renormalized atom approach 2—40145
transition metals, supercond. pair states in Wannier represent. 2—22510
transition metals, supercond. transition temp., energy band considerations 2—32953
transition metals, X-ray spectra, influence of conduction electron excitation 2—36910
transition metals and cpds., energy bands, review 2—29599
triglycine sulphate-selenate mixed cryst., energy gap 2—13321
type II superconductors, obs. in excitation spectrum 2—29629
u.s. susceptibility and galvanomagnetic meas. 2—32877
valence electrons, energy operator, approx. diagonalization 2—19486
valence levels from X-ray photoelectron spectra 2—36628
valence region, from multiplet splittings in photoelectron spectra 2—35226
X-ray emission bands, in terms of chemical bonding in solids 2—4465
X-ray L_{III} spectra, density of states of outer levels, line intensities 2—36915
X-ray spectra, many-electron effects in metals 2—29942
zero gap semiconductor, HgTe type, electron and heavy hole Landau level crossing 2—9981
Zincblende alloy, charge distribution, pseudopotential approach 2—6716
zincblende alloy, comparison pseudopotential and dielectric methods 2—6717
zincblende-type, dielec. function 2—6826
zincblende-type, semimetal-semicond. transitions 2—19664
Ge, indirect phonon-assisted two-photon interband transitions 2—22754
a hatrcchange, optical gap 2—16104
AIN, polycrystalline, Kramers-Kronig analysis, spectra, 0.1-25μ 2—40658
Ag-Ga(Ge)(Ni)(Zn) alloys, electronic sp. ht. 2—25732
Ag-Mn, dil. alloys, intraband absorpt., interband transitions 2—20019
Ag, interband transitions, reflectivity obs. 2—10344
Ag, relations between X-ray L_{III} absorp. limit and $L\beta_{2,15}$ lines 2—26206
Ag, valence band struct. from u.v. photoelectron spectra 2—36650
Ag, wavelength modulation spectra, effective mass 2—26141

Crystal electron states continued
band structure continued
Ag film, reson. effect in photoemission 2—16328
AgBr, Ag 4d levels from temp.-dependent photoelectron spectroscopy 2—36626
AgF, valence states, LCAO calcs. 2—25728
$AgGaS_2(Se_2)$, band gaps, luminesc. and reflectivity obs. 2—4223
$Ag_{.71}Pd_{.29}$ alloy studied by ESCA and X-ray spectroscopy, comparison with spectra of pure metals 2—32884
Ag_3SbS_3, determ. from refl. spectrum 2—29894
Ag_3SbS_3, polarisation shift of absorption edge, simplified band model 2—29906
Al-Al_2O_3-Si system, internal photoemission, energy band diagram 2—13358
Al-Co, X-ray emission spectrum study 2—36911
Al-Mg, alloy, model pseudopotential approach 2—36412
Al-Mg alloys, soft X-ray emission spectra obs. 2—26207
Al-Nb, X-ray emission spectrum study 2—36911
Al-Pd, X-ray emission spectrum study 2—36911
Al-V, X-ray emission spectrum study 2—36911
Al, Compton profile, electron momentum distrib. 2—16592
Al, granular, density of states and resistive transitions in fluctuation regime 2—13151
Al, Green's function method calc. 2—36411
Al, impulse approx. in Compton scatt. core contribs. 2—4114
Al, $L_{2,3}$ edge energy 2—36912
Al, model- pseudopotential approach 2—29616
Al, model pseudopotential approach 2—36412
Al, OPW-ased pseudopotential, rel. to LEED calc. 2—3492
Al, optical absorpt. obs. 2—29907
Al, photoemission obs., u.v. region 2—22657
Al, pulsed n.m.r. study 2—4112
Al, quasielastic electron knock-out study 2—25721
Al, secondary electron spectrum study 2—12643
Al, thermomodulation spectra interpret. 2—36855
Al films, effective electron density 2—1659
Al superconducting, calc. of temp. variation in nuclear spin-lattice relaxation rate including anisotropy in energy gap 2—36450
AlAs, AlP, semiempirical calculation of electronic zones 2—29686
AlAs, anisotropic electron effective mass, Faraday rotation study 2—22547
AlAs, enhanced indirect optical absorpt., direct band gap 2—33252
As, amorphous, fund. absorpt. edge 2—29896
As_2S_3, glassy, forbidden band widths, from thermoabsorpt. spectra obs. 2—22758
As_2S_3, interband spectra, Kramers-Kronig analysis of interband refl. 2—22748
As_2Se_3, absorpt. and thermoabsorpt. near fund. edge, band struct. model 2—20026
As_2Se_3, amorphous 2—19646
As_2Se_3, film, vitreous, charge carrier mobility, cond. 2—4205
As_2Se_3, glassy, forbidden band widths, from thermoabsorpt. spectra obs. 2—22758
As_2Se_3, interband spectra, Kramers-Kronig analysis of interband refl. 2—22748
As_2Te_3, amorphous 2—19646
Au-Mn dil. alloys, intraband absorpt., interband transitions 2—20019
Au, from higher derivative photoemission spectra 2—19804
Au, interband transitions, reflectivity obs. 2—10344
Au, photoemission obs., u.v. region 2—22657
Au, spin-orbit coupling effects in u.v. and X-ray photoelectron spectra 2—36629
Au, transition metal density of states in conduction band, photoelectron spectroscopy obs. 2—9929
Au, valence band struct. from u.v. photoelectron spectra 2—36650
Au, valence bands determ. from X-ray photoelectron spectra, comparison with relativistic calcs. 2—36630
Au, wavelength modulation spectra, effective mass 2—26141
Au, X-ray spectra obs. 2—7087
Au and alloys, charge flow and d-level compensation 2—4113
$AuGa_2$, pressure induced electron transition near 6 kbar at liquid He temps. 2—40190
$Au_{.45}Pd_{.55}$ alloy studied by ESCA and X-ray spectroscopy, comparison with spectra of pure metals 2—32884
B, β-rhombohedral, energy gap, optical determ. 2—40644
BN, semiempirical calculation of electronic zones 2—29686
$BaBiO_3$, elec. and mag. props. study 2—4206
BaF_2, energy band deform. pot., piezobirefr. obs. 2—26167
BaS, dynamic ion charge determ., i.r. spectra and static dielectric props. obs. 2—22396
$BaTiO_3$, polycryst. nonstoich., intrinsic band gap, cond. temp. depend. 2—13218
Be, calc. of soft X-ray photoelectron spectra using band theory of metals 2—36631
BeTe, BeSe, Bes, optical absorp. obs. 2—20027
Bi-Sb alloys, band overlap 2—32968
Bi, anomalous ang. variation of spin splitting factor, u.s. giant quantum attenuation obs. 2—25730
$Bi_{95}Sb_5$:Te, magnetoresistance hall effect and susceptibility studies 2—29683
Bi_2Te_3, reflectivity spectra, intensive interband transitions identified 2—19996
Bi_2Te_3, semiconductor, diamag. susceptibility, 90-650 K, energy gap calc. 2—25996
Bn, hexagonal, OPW calcs. 2—9930
C, amorphous, rel. to opt. consts. determ., 1-4 eV 2—26160
C, impulse approx. in Compton scatt. core contribs. 2—4114
C fibre, electronic change in struct. at heat treatment temp., band model 2—6289
CDX, x=chalcogen, d-levels location from u.v. photoemission obs. 2—22658
CO, chemisorbed on Ni, photoemission energy level meas. 2—4325
Ca, Slater-type pot. calc. for cond. bands 2—1463
Ca, X-ray Kβ emission and K absorp. spectra 2—33294
CaF_2, energy band deform. pot., piezobirefr. obs. 2—26167
CaS:Zr, Mn phosphor, luminesc., energy band model 2—36925
CaS, dynamic ion charge determ., i.r. spectra and static dielectric props. obs. 2—22396
Cd, APW calculation, used to explain peaks in optical absorption spectrum in terms of direct transitions 2—4116

Crystal electron states continued
band structure continued
Cd, electron mean free path meas. on lens part of Fermi surface. r.f. size effect obs. 2—13086
Cd, non-relativistic APW method 2—36413
Cd_3As_2, cryst. platelets, growth, band model 2—40274
$Cd_3(As_xP_{1-x})_2$ alloys, optical transmission edge, temp. depend. 2—10336
CdF_2, bandedge, spectral obs. 2—26144
$CdGa_2Se_4$, optical absorpt., indirect transitions 2—16485
$CdGa_2Se_4$, photocond. obs. 2—16309
$CdGeAs_2$, amorphous semicond., Faraday rotation nr. absorp. edge 2—1663
$CdGeAs_2(P_2)$, refl. spectra obs. 2—13458
$Cd_xHg_{1-x}Se$, mixed cryst., energy gap, composition depend. 2—10046
$Cd_xHg_{1-x}Te$, electroreflectance spectra, energy band gap, comp. depend. 2—10370
$Cd_xHg_{1-x}Te$, pressure and temp. dependence, Hall coeff. obs. 2—19667
$Cd_xHg_{1-x}Te$, Shubnikov-de Haas oscillation, Landau level splitting 2—32998
$Cd_xHg_{1-x}Te$ alloys, relativistic effects on energies of optical transitions 2—29684
$Cd_xHg_{1-x}Te$, energy band parameters, deep level ionization energies, photocond. obs., 78 K 2—22638
$Cd_xHg_{1-x}Te$, rel. to mobility under high hydrostatic pressure 2—10009
$CdIn_2S_4$(:Sb), defect levels, elec. cond. obs 2—22529
$CdIn_2S_4$, optical and photoelec. props. study 2—22760
$CdIn_2S_4(Se_4)$, determ. from refl. spectra 2—29898
$CdIn_2Se_4$-$CdInTe_4$ solid solution, electron effective mass determ. 2—19638
$CdIn_2Se_4$, band gap, from optical refl. and transmission 2—20031
CdO-Bi_2O_3 system, rel. to elec. cond. anomalies 2—1511
p-CdP_2, forbideen band width, dark and photoconductivity obs. 2—40248
CdP_2, photo and cathodoluminesc., forbidden gap detn. 2—26215
CdS-$Cu_{2-x}S$ n-p heterojunction, diagram 2—4247
CdS, band gap reduction due to high photoinjected carrier injection 2—29949
CdS, cubic, carrier effective masses, f-sum rule 2—4224
CdS, X-ray $L_{II,III}$ photoemission spectra fine structure study 2—36909
CdS, X-ray spectra obs. 2—16595
CdS(Se)(Te), u.v. photoemission obs. of upper d levels 2—25979
CdSb:Te, Hg(In), influence of double doping 2—36499
CdSb, elec. cond. and thermal e.m.f. study 2—29662
CdSe, cubic, carrier effective masses, f-sum rule 2—4224
CdSe film, photoelec. props. during activation 2—22641
CdSe films, photoemission obs. of energy struct. 2—6925
$CdSiP_2$, refl. and absorpt. spectra obs. 2—13459
$CdSnAs_2$, electrorefl. spectra obs. 2—13460
$CdSnAs_2$, reflectivity spectra, energy band correlation 2—10345
CdTe, energy band pseudopotential model, optical, photoemissive props. 2—19666
CdTe, from pseudopotential calc. and u.v. spectroscopy 2—40279
CdTe, reflectivity spectra obs. 2—33303
CdTe, rel. to Monte Carlo calc. of high field transport props. 2—32970
CdTe film, excitonic absorption band broadening, light modulation 2—26118
$CdTl_{0.8}As_2$, glassy, band gap, from elec. cond. meas. 2—19637
CdX, x=chalcogen, core electron levels, x-ray induced electron emission obs. 2—19811
$Cd_xZn_{3-x}As_2$, valence band calcs. rel. to reflectivity obs. i.r.-vac. u.v. 2—20000
Ce, f-bandwidth effects on α-γ phase transform. 2—19295
α-Ce, positron annihilation ang. correl. 2—25758
$Ce_{1-x}La_x$ alloys, $\alpha-\gamma$ electronic phase transitions 2—19507
$Ce_xLa_{1-x}Pd_3$, rel. to Kondo effect and sp. ht. 2—19832
Co, Auger spectrum, LLM and LMM transitions 2—13361
Co caesiated films, spin polarization of photoelectrons, band structure theory of ferromag. study 2—25980
Co_2GeO_4, of Co^{2+} ground and excited states wavefunctions 2—10408
CoO, undoped and Cr- or Ti-doped, band gap determ. 2—36502
CoO, valence band structure, X-ray photoemission spectroscopy 2—36639
CoS_2, density of states of γ band, sp. ht. obs. at low temps. 2—22420
Co_2Si, electron energy spectra, from physical props. measurement 2—40141
Cr, antiferromag. energy gaps, i.r. reflectivity obs. 2—36763
Cr, cond. electrons per atom, determ. from K_β emission spectrum 2—40701
Cr, density of states calc. by combination of plane waves method 2—36414
Cr, valence band struct. from u.v. photoelectron spectra 2—36650
Cr complexes, rel. to refl. and luminesc. spectra 2—10376
Cr surface, changes on oxygen interaction from X-ray appearance pot. spectra 2—35872
Cr zone structure, electron energies density of states X-ray spectra, Green's function method 2—36415
CrB, density of states in conduction band and energy losses 2—40702
CrO_2, coexistence of localized and itinerant d-electrons 2—16093
CrSb, density of states in conduction band and energy losses 2—40702
$CrTaO_4$-TiO_2 solid solution, rel. to resist. 2—1224
Cr_2Te_3, density of states in conduction band and energy losses 2—40702
Cs, adsorbed layer on Ni, determ. from u.v. photoelectron spectra 2—36635
Cs, photoemission from core states 2—4118
Cs halide, reflection spectra between 12.5 and 26 eV, Cs-5p core level excitation 2—36856
CsBr, single cryst., nuclear acoustic resonance 2—7157
CsF, CsI, Cs5p, and conduction band, multiplet exciton bands, extreme UV absorpt. obs. 2—22793
CsI, spin-orbit splitting and conduction band separation, spectral obs., 12-16 eV 2—20034
Cs_3Sb layers, surface traps causing reversible bending at surface, explanation of i.r. photoemission anomalies 2—36634
Cu-Ga(Ge)(Ni)(Zn) alloys, electronic sp. ht. 2—25732
Cu-Ni-Zn alloys, thermopower, 3d band filling 2—16304
Cu-Ni, density of states, X-ray photoemission spectroscopy meas. of valence band 2—25731
Cu-Ni alloys, ordered, density of states 2—16105
Cu-Ni alloys, random, density of states 2—4119
Cu-Ti, alloy, electron struct., band struct, X-ray fluoresc. spectra obs. 2—16112
Cu, Auger spectrum, LLM and LMM transitions 2—13361

Crystal electron states continued
band structure continued
Cu, cathodoluminesc., radiative recomb. from transitions between cond. band states 2—20114
Cu, density of states induced by proximity of supercond. Pb 2—13174
Cu, effective mass temp. depend., n.m.r. obs. 2—10545
Cu, effective one-electron potential and one-electron direct transition theory 2—29913
Cu, exchange approx. used in self consistent band calc. 2—19508
Cu, form factors, local pseudopot., band gap 2—6723
Cu, interband transitions, reflectivity obs. 2—10344
Cu, LEED spectra in ion core scatt. model 2—6311
Cu, model band struct., non-interacting a and d bands, phonon freqs., determ. 2—40043
Cu, optical and thermal effective masses 2—32881
Cu, phase-shift pseudopot. 2—36402
Cu, photoluminesc. as probe of band struct. 2—16640
Cu, quasielastic electron knock-out study 2—25721
Cu, thermomodulation spectra interpret. 2—36855
Cu, thermomodulation spectra interpret. 2—36855
Cu, u.v. photoelectronic emission obs. 2—16332
Cu, valence band struct. from u.v. photoelectron spectra 2—36650
Cu phthalocyanine, band structure and deformation potentials 2—4128
Cu_3Au:Fe alloy, atom ordering, electron struct. elec. resist., mag. susceptibility 2—9921
CuBr, absorpt. and refl. spectra 2—33236
CuBr, photoelectron spectra, excited states of Cu in solid, satellite emission 2—4328
CuCl, photoelectron spectra, excited states of Cu in solid, satellite emission 2—4328
$CuCr_2Se_{4-x}Br_x$, band edge absorpt. 2—40645
$CuGa_2$, cryst. struct. and electron correlations 2—19048
$CuGaS_2$, $Cu_{0.88}Ga_{1.04}S_2$, band gap determ. at 2K 2—9364
$CuInS_2$, band gap determ. at 2K 2—9364
$Cu_2In_4Te_7$, defect phase semicond., band gap detn. 2—25807
CuO, Cu_2O, valence band structure, X-ray photoemission spectroscopy 2—36639
CuO_2, semicond., band bonding, adsorpt. rel. to elec. cond. obs. 2—22796
Cu_2O, photoelectron spectra, excited states of Cu in solid, satellite emission 2—4328
Cu_2O, u.v. electroreflectance, band assignments 2—33237
$CuPbAsS_3$ single crystals, forbidden band-gap width determ. from absorption edge 2—22762
$Cu_{.60}Pd_{.40}$ alloy studied by ESCA and X-ray spectroscopy, comparison with spectra of pure metals 2—32884
diamond, F_{222} obs., bonding electron density meas. 2—3702
DyAl garnet, reson. cancellation of Raman scatt. from electronic levels 2—36897
DyM, M=Cu, Ag, Zn, Rh, rel. to Mossbauer effect 2—26125
Eu, determ. by X-ray photoemission 2—22464
EuO:Gd, effective mass calc. 2—40662
EuO, insulator-metal transition rel. to long range mag. order 2—36529
EuSe:Gd(La), effect of cond. electrons on hyperfine interactions 2—13444
EuTe, antiferromagnet, spin-polarized electron states, photoelectron spectra obs. 2—36637
f.c.c. lattice with variable second-neighbour interactions, density-of-states spectra 2—22463
α-Fe, emission L_{III} bands, theoretical forms, absorpt. spectra, self absorpt. 2—16489
Fe, H-NFE-TB represent., basis functions and matrix elements 2—16113
Fe, high temp. cond. and density of states model 2—40174
Fe, X-ray L_{III} spectra, density of states of outer levels, line intensities 2—36915
$Fe_{1-x}Co_xSi$, rel. to ^{57}Fe Mossbauer effect 2—26127
$Fe_{1-x}Ni_xSi$, rel. to Mossbauer effect 2—26127
Fe_3O_4, magnetite, metal impurity effects on Verwey transition temp. 2—25719
Fe_3O_4, metal-nonmetal transition, one dimens. single band model, Wigner crystn. 2—22465
Fe_3O_4, semiquantitative band model, derivation from cathodoluminescence spectrum 2—4520
Fe_3Pt, electronic contrib. to sp.ht. 2—26039
FeRh, ferro-antiferromag. transition, electron entropy contrib., positron annihilation obs. 2—16372
FeS, coexistence of localized and itinerant d-electrons 2—16093
$FeTaO_4$-TiO_2 solid solution, rel. to resist. 2—1224
Ga, optical constants, interzone electron transitions 2—10297
Ga acoustic cyclotron resonance obs., effective masses determ. 2—16127
GaAs-AlAs solid solution, valence band spin-orbit splitting, optical spin orientation of non-equilib. electrons 2—26218
GaAs, Cs_2O-activated, electron energy loss in band bending region 2—6927
n-GaAs, effective mass ratio, far i.r. cyclotron resonance obs. 2—19528
GaAs, electron and neutron irrad., optical props., band edge density of states detn. 2—29916
GaAs, empirical pseudopotential calc. 2—16225
GaAs, energy gap, temp, depend., from thermodynamic data 2—13258
GaAs, epitaxial, γ-irrad. damage, energy levels 2—16227
GaAs, forbidden band width, high press. effects, 286-573K 2—36506
GaAs, GaSb, acceptor states, effective mass approx. 2—19670
p-GaAs, interband electronic Raman scatt. 2—16567
GaAs, optical absorp. in an elec. field, Wannier levels obs. 2—22764
GaAs, photoemission ang. distrib. rel. to energy distrib. struct. 2—36638
GaAs, photoluminesc. and photocond. obs. of free exciton series, band gap detn. 2—22549
GaAs, proton irrad., rel. to photocond. 2—36610
GaAs, reflectivity spectra, energy band correlation 2—10345
GaAs, semiempirical calculation of electronic zones 2—29686
p-GaAs, splitting, electron spin optical orientation obs. 2—13475
GaAs, stress-modulated magnetoreflectivity, band parameters 2—33234
GaAs, symmetry of 4.5 Ev optical interband threshold, determination from polarisation dependence of transverse electroreflectance spectrum 2—26145
GaAs, valence band spin-orbit splitting, optical spin orientation of non-equilib. electrons 2—26218
GaAs, wavelength modulation spectra determ. 2—1692
GaAs epitaxial film, r.f. sputtered 2—29047
GaAs film, heteroepitaxial, band bending, photoelec. obs. 2—40379
$GaAs_{1-x}P_x$, rel. to photoluminesc. spectra 2—10440
$GaAs_xP_{1-x}$, band gap, rel. to Raman scatt. 2—22786

Crystal electron states continued
band structure continued
$Ga_xIn_{1-x}P$, comp. depend., photoluminesc. study 2—10422
$Ga_xIn_{1-x}P$ alloys, comp. depend. of bandgap 2—22550
GaP:Si,O, donor electron excitations, cond. band effective masses 2—20037
GaP, donor-electron transitions assoc. with cond. band minima 2—6832
GaP, empirical pseudopotential calc. 2—16225
GaP, enhanced indirect optical absorpt., direct band gap 2—33252
GaP, indirect phonon-assisted two-photon interband transitions 2—22754
GaP, low energy exciton state parameters, 77-300K 2—9918
GaP, semi-empirical calc. 2—29593
GaP, wavelength modulation of photoresponse near indirect edge 2—33074
GaP film, forbidden band width, absorption. spectra, refractive index 2—1691
GaP(Zn,O), liquid encapsulation Czochralski grown, luminesc. and doping characts. 2—22798
GaS, n- and p-type, band scheme from dark cond. obs. 2—29669
$Ga_2S_3(Se_3)(Te_3)$, determ. from refl. spectra 2—29898
GaSb:Te, conduction band, Hall conductivity obs. 2—4225
GaSb:Te(Zn), correl. between electronic struct. and phys. props. 2—29666
GaSb, energy relax. time, microwave harmonic mixing and transport phenomena obs. 2—19644
GaSb, photoelectric emission and reflectivity, 7.7 to 25 eV 2—19808
n-GaSb, piezo-Hall effect, cond. band obs. 2—10013
GaSb, stress-modulated magnetoreflectivity, band parameters 2—33234
GaSb, wavelength modulation spectra determ. 2—1692
GaSb optical props., interband transitions 2—36857
GaSe, electroreflectance in higher interband transition region 2—40647
GaSe, energy bands 2—6830
Ga_2Se, indirect optical transitions, electroabsorp. obs. 2—33261
GaTe, band gap from electroabsorpt. spectra 2—20038
Gd, determ. by X-ray photoemission 2—22464
GdP(As)(Sb), antiferromagnet, spin-polarized electron states, photoelectron spectra obs. 2—36637
Ge-Si solid soln., forbidden band width determ., 900-1200K 2—22559
Ge-Te alloy, amorphous 2—19646
Ge-Te alloy, amorphous 2—19646
Ge, amorphous, absorpt. edge variation due to impurity 2—40665
Ge, amorphous, annealed, band gap around equilib. Fermi level 2—40291
Ge, amorphous, temp. depend. absorp. edge 2—4457
Ge, amorphous electronic density of states 2—10073
Ge, amorphous films, photoemission obs. 2—4324
Ge, band-band impact recomb. 2—33011
Ge, deformation potential constants for sound wave propag. 2—19417
Ge, e_1 and E_1 interband transitions, thermoabsorpt. study 2—40288
Ge, effective mass tensor and donor ground state, strain effects 2—16237
p-Ge, effective masses of heavy and light holes 2—6847
n-Ge, electron irrad., E_c-0.2 eV level, isochronal annealing effects 2—22560
Ge, electronic states of dislocations, absorpt. study 2—40289
Ge, empirical pseudopotential calc. 2—16225
Ge, energy spectrum of diamag. excitons, band degeneracy influence 2—13271
Ge, F_{222} obs., bonding electron density meas. 2—3702
Ge, Ge:Sb, intervalley relaxation rel. to u.s. wave propagation 2—40054
p-Ge, interband electronic Raman scatt. 2—16567
Ge, intervalley scatt. selection rules 2—22561
Ge, linearized third-derivative spectra with depletion-barrier modulation 2—33240
Ge, matrix elements in interband optical transitions 2—22746
Ge, optical absorpt. by holes, indirect transitions role 2—1693
Ge, photoemission, two-electron transitions 2—16331
Ge, photoemission obs. 2—33015
Ge, piezoreflectance, Γ transitions in E_0' region 2—10348
p-Ge, plasma freq., Drude-Zener formula, valence band interband transitions effects 2—25858
Ge, rel. to metallic electron-hole liquid model 2—36416
n-Ge, uniaxially stressed, conduction band valley splittings meas. and i.r. dichroism 2—19968
Ge, wavelength modulation of photoresponse near indirect edge 2—33074
Ge, wavelength modulation spectra determ. 2—1692
Ge (110) and (100) surface band structures, computation 2—16230
Ge film, amorphous, band gap in intrinsic region 2—40286
Ge intrinsic absorpt., radiation induced increase 2—26165
GeO_2, vitreous, photocond. study 2—22644
GeTe-$AgSbTe_2$, band gap width dependence on composition from thermoelectric power and elec. conductivity meas. 2—32999
Hg, Azbel-Kaner cyclotron reson., effective masses 2—4145
$Hg_{1-x}Cd_xTe$ alloy, compositional dependence, optical gap 2—9933
HgI_2, rel. to optical spectra, 2-6 eV region, 4.2K and 79K 2—33265
HgI_2, rel. to spectral distrib. of photopolarization current 2—19786
HgS, thermomodulation of edge absorpt. 2—40666
HgS, X-ray $L_{II,III}$ emission spectra, ESCA technique 2—36919
HgS, X-ray $L_{II,III}$ photoemission spectra fine structure study 2—36909
HgS_xSe_{1-x}, determ. from transport props. 2—13233
HgSe(Te), d-levels location from u.v. photoemission obs. 2—22658
HgSe(Te), u.v. photoemission obs. of upper d levels 2—25979
HgTe, from pseudopotential calc. and u.v. spectroscopy 2—40279
HgTe, reflectivity spectra obs. 2—33303
HgX, x=chalcogen, core electron levels, x-ray induced electron emission obs. 2—19811
In, photoemission obs. 2—4122
In, polycryst. bulk, supercond. energy gap detn., In-Al_2O_3-Pb tunnel junc. obs. 2—19574
InAs, and $InAs_{1-x}Sb_x(P_x)$, band gap, rel. to Raman scatt. 2—22786
n-InAs, rad. recomb. mech., photoluminesc. spectra, 30-77 K 2—22799
InAs, reflectivity spectra, energy band correlation 2—10345
InAs, wavelength modulation spectra determ. 2—1692
n-InAs fund. absorpt. edge, optical transitions, 300 and 100 K 2—13477
n-$InAs_{1-x}P_x$, electroreflectance spectra, Γ_{15}—Γ_1 transitions, composition depend. 2—16468
$InAs_xSb_{1-x}$ film, absolute-zero energy gap, optical, photoelec. and galvanomag. obs. 2—40277
$In_xGa_{1-x}As$, epitaxial, photoluminesc., and X-ray obs. 2—19004
$In_xGa_{1-x}As$ solid solns., fund. absorpt. edge obs. 2—13478

Crystal electron states continued
band structure continued
InP, X_{1c} conduction band and its donor levels, X_{1c}-Γ_{1c} interband energy 2—36851
$In_2S_3(Se_3)(Te_3)$, determ. from refl. spectra 2—29898
p-InSb, absorpt. spectrum, fund., absorpt. mech. 2—22768
InSb, acceptor states, effective mass approx. 2—19670
n-InSb, cond. in Wigner lattice in mag. field 2—13236
InSb, electron scatt., electron mobility, band gap, rel. to impurity conc. 2—36509
p-InSb, forbidden band width temp. coeff., absorpt. spectra obs., 83-300K 2—22767
n-InSb, high field transport, drifted Maxwellian approach 2—22536
n-InSb, magnetophonon resonance of hot electrons at 77K 2—36527
n-InSb, non-parabolicity, rel. to frequency conversion of e.m. radiation 2—10050
n-InSb, nonparabolicity, third harmonic generation at millimetre wavelengths at 77°K 2—33000
InSb, optical energy gaps determ. from surface photovoltage meas. 2—40381
InSb, second harmonic generation, coherence lengths and susceptibilities near band edge 2—7036
InSb, wavelength modulation spectra determ. 2—1692
KBr-Tl, vac. u.v.-X-u.v. excited, electron-hole recombination, hot electrons, luminesc. 2—16603
KBr(Cl)(I), KKR energy bands and optical consts. 2—40703
KCl:Ag^-, forbidden transition intensity and energy calc. 2—19126
KCl:KBr, luminesc., transitions to exciton and cond. band states 2—36932
KCl:Li, paraelec. reson., stress effects 2—22619
KCl-NaCl solid solns., absorpt. spectra obs. 2—7072
KCl, calc. using pseudopotential approach 2—29598
KCl, energy band deform. pot., piezobirefr. obs. 2—26167
KCl, energy bands, ab initio calcs. 2—4123
K_3Sb, det. from obs. of optical constants of film 2—40601
La, X-ray emission study 2—36916
$LaCoO_3$, localized to itinerant electron transitions, Mossbauer studies 2—36837
$LaCoO_3$ and $La_{0.5}Sr_{0.5}CoO_3$, coexistence of localized and itinerant d-electrons 2—16093
$La_{0.7}Cr_{0.3}MnO_3$, coexistence of localized and itinerant d-electrons 2—16093
LaF_3, extreme u.v. spectra interpret. 2—36852
LaF_3, X-ray emission study 2—36916
LaH_x ($2\leqslant x\leqslant 3$), X-ray emission study 2—36916
La_2O_3, X-ray emission study 2—36916
$LaRuO_3$-$SrRuO_3$, model rel. to magnetism changes on increasing La content 2—10214
$LaRuO_3$, coexistence of localized and itinerant d-electrons 2—16093
La_2S_3, carrier conc. and relaxation, i.r. spectra 2—40670
$La_2S_3(Se_3)(Te_3)$, sp. ht. electronic component 2—1433
$LaSn_3$, electron energy levels, relativistic corrections using perturb. theory 2—25733
$LaSn_3$, electron energy levels, nonrel. modified OPW calc. 2—19510
Li, absorpt. spectra obs. 2—40672
Li, energy loss spectrum in intermediate momentum transfer region 2—16597
Li, impulse approx. in Compton scatt. core contribs. 2—4114
Li, momentum distrib. and Compton profile of interacting cond. electrons 2—19513
Li, polycryst., Compton profile 2—13497
Li, X-ray K-emission spectra, b.c.c. and h.c.p. phase obs. 2—10415
Li fine particles, rel. to particle size effect on e.p.r. line width 2—20145
LiBr-NaBr solid solutions, rel. to absorpt. obs., 6-9.5 eV, comp. depend. 2—16493
LiCl, calc. using pseudopotential approach 2—29598
LiCl, X-ray Compton profile, electron momentum distrib. 2—13496
$LiCrO_2$, absorpt. spectrum obs. 2—19512
LiF, CNDO method applic. 2—19494
LiF, energy band deform. pot., piezobirefr. obs. 2—26167
LiF LCAO method, self-consistent energy bands 2—13080
$Li_{0.5}Fe_{2.5}O_4$, ferrite, elec. cond., rel. to band theory of mag. semicond. 2—19649
$Li(NH_3)_4$, two-band model, calcs. of mobilities and number densities 2—19547
Mg, anistropy in Compton profile, valence electron profile 2—4468
Mg, film, electron standing wave states, group rel., tunnelling meas. 2—22459
MgF_2, extreme u.v. spectra, extinction coeffs., interband transitions 2—33242
MgO:Ni, vibr. induced d→d transitions, spectra obs. 2—22773
MgO, extreme u.v. spectra, extinction coeffs., interband transitions 2—33242
Mg_2X, (X=Si, Ge, Sn, Pb), refl. spectra study 2—26146
$MgZn_2$, local model pot. form factors 2—16108
Mn nitrides with different magnetic properties, X-ray spectra of Mn energetic bands 2—40704
MnO, single cryst., elec. cond. and nonstoich. disorder 2—1519
MnO, valence band structure, X-ray photoemission spectroscopy 2—36639
$MnSi_{2-x}$, x=0.25-0.28, forbidden energy gap, effective masses 2—40261
Mo-Re alloys, supercond., u.s. attenuation, energy gap anisotropy 2—16180
Mo, relations between X-ray L_{III} absorp. limit and $L\beta_{2,15}$ lines 2—26206
MoO_3:Ni, band gap, from elec. cond. and thermoelec. power 2—10026
MoS_2:Nb, e.p.r. investigation 2—32883
MoS_2, u.v. reflectivity, interband transitions 2—13463
Na, momentum distrib. and Compton profile of interacting cond. electrons 2—19513
Na, X-ray spectra depend. 2—1701
$NaBrO_3$, fund. band edge absorpt., temp. shift, band transitions, phonon emission absort. 2—36884
NaCl:Ag, vac. u.v.- X-u.v. excited, electron-hole recombination, hot electrons, luminesc. 2—16603
NaCl, calc. using pseudopotential approach 2—29598
NaCl, conduction band struct. above Γ_1 exciton state compared to KCl 2—20041
NaCl, energy band deform., pot., piezobirefr. obs. 2—26167

SCANNED 13 of 27

- **Crystal electron states** continued
  - **band structure** continued
    - Nb-Ti system, supercond., heat capacity analysis 2—40195
    - Nb, photoluminesc. as a probe of band struct. 2—16640
    - Nb, plane-wave-Gaussian energy bands 2—4125
    - NbC, tight binding method 2—4124
    - NbC, X-ray spectra obs. 2—40706
    - NbN, APW calcs. 2—9934
    - NbN, s-band state density at Fermi energy 2—13089
    - NbSe$_2$, ratio of effective masses 2—19590
    - NbSe$_2$, reflectivity anisotropy obs. 2—10350
    - NbSe$_2$, superconducting layer structure, far i.r. transmission spectrum, energy gap meas. 2—4165
    - NbSe$_2$, u.v. reflectivity, interband transitions 2—13463
    - Nb$_3$Sn, normal and supercond. props. rel. to density of states 2—29637
    - Nd$_2$S$_3$, carrier conc. and relaxation, i.r. spectra 2—40670
    - Nd$_2$S$_3$(Se$_3$)(Te$_3$), sp. ht. electronic component 2—1433
    - Ne, Hartree-Fock exchange, optical gap 2—16104
    - Ni-Cr alloy, rel. to comp. depend. of mag. props. 2—22688
    - Ni-Fe Invar alloys, weak ferromag. band model interpret. of elec. transport props. 2—36440
    - Ni, d-band photoelectron energy distrib. near Curie temp., exchange splitting 2—33091
    - Ni, electron densities of state, Brillouin zone integration by combined linear and quadratic interpolation 2—19501
    - Ni, energy gap, spectra obs. 2—25735
    - Ni, Fermi energy and Van Hove singularities 2—22792
    - Ni, ferromagnetic, energy bands 2—9935
    - Ni, form factors, local pseudopot., band gap 2—6723
    - Ni, i.r. and visible absorpt., 4K, interband cond. 2—16496
    - Ni, optical constants meas. 2—10299
    - Ni, s-d hybridization and virtual bound state 2—16110
    - Ni, valence band struct. from u.v. photoelectron spectra 2—36650
    - Ni,Ni base alloys, light cond., interband transitions 2—26171
    - Ni (111), rel. to characteristic energy loss of surface scattered slow electrons 2—28991
    - Ni alloys, dil., d-band filling, rel. to impurity interactions 2—1458
    - Ni surface, changes on oxygen interaction from X-ray appearance pot. spectra 2—35872
    - Ni$_3$Al, band calc. rel. to magnetic properties 2—4383
    - NiFe$_{2-x}$Cr$_x$O$_4$, X-ray and Mossbauer spectral investigation 2—35996
    - NiMn antiferromagnetic alloy, electronic structure 2—33123
    - Ni$_3$Mn ferromagnetic alloy, electronic structure 2—33123
    - NiO, photoelectron spectra, excited states of Ni in solid, satellite emission 2—4328
    - NiO, valence band structure, X-ray photoemission spectroscopy 2—36639
    - NiS, metal-nonmetal transition 2—19515
    - Ni$_2$Si, electron energy spectra, from physical props. measurement 2—40141
    - Ni$_x$Zn$_y$Fe$_2$O$_4$ rel. to optical consts. 2—36816
    - O chemisorbed on Ni, photoemission energy level meas. 2—4325
    - α-O$_2$, solid, mag. form factor, neutron diffr. obs. 2—29839
    - Pb-Bi amorphous alloys, supercond. energy gap 2—13172
    - Pb-In alloys, strong coupling, supercond. props., energy gap ratio 2—16184
    - Pb-In(Tl) alloys, mag. susceptibiltiy and elastic const. obs., comp. depend. 2—6727
    - Pb, energy gap anisotropy, tunnelling obs. 2—13173
    - Pb, photoemission obs. 2—19809
    - Pb, supercond., energy gap, photoelec. effect 2—9972
    - Pb$_{0.7}$Bi$_{0.3}$ alloy, parameters rel. to strong coupling superconductivity 2—4166
    - Pb$_{1-x}$Ge$_x$Te, effect of alloying on energy gap, calc. 2—22552
    - PbPo, inverted band structure from PbS, PbSe and PbTe 2—13095
    - PbS-Ge heterojunction, cond. band discontinuity determ. from photovoltage 2—19701
    - PbS, determ. from X-ray emission and absorpt. spectra 2—29945
    - PbS X-ray L$_{\text{II},\text{III}}$ emission spectra, ESCA technique position of 5d state 2—36919
    - Pb$_{1-x}$Sn$_x$Se, elec. props., evidence for band-inversion model 2—25825
    - Pb$_{1-x}$Sn$_x$Se, laser emission and band crossing under press. 2—37998
    - Pb$_{1-x}$Sn$_x$Te, effect of alloying on energy gap, calc. 2—22552
    - Pb$_{1-x}$Sn$_x$Te, wavelength modulation derivative reflection spectra, assignment of obs. structures with band calcs. 2—4449
    - PbTi(Zr)O$_3$, band gap determ. 2—1526
    - Pd-Ag, X-ray spectral investigation 2—36918
    - Pd-Au, X-ray spectral investigation 2—36918
    - Pd-Cu, X-ray spectral investigations 2—36918
    - Pd-H, conduction electrons per Pd atom detn., positron annihilation obs. 2—19531
    - Pd-H(B), Pd-M-H(B) (M=metal), dissociation thermodynamics, d-band effects 2—36247
    - Pd-Ni, X-ray spectral investigations 2—36918
    - Pd, conduction electron propag., electron-ion matrix element determ. 2—1460
    - Pd, dielec. screening function 2—16111
    - Pd, Hubbard's approx. band scheme, accuracy 2—13079
    - Pd, mag. polarization of cond. electrons due to mag. moment 2—1632
    - Pd, relations between X-ray L$_{\text{III}}$ absorp. limit and L$\beta_{2,15}$ lines 2—26206
    - Pd, two-band model analysis of exptl. meas. high-temperature transport properties 2—36367
    - Pd, valence band struct. from u.v. photoelectron spectra 2—36650
    - Pd alloy, rel. to impurity scatt., model 2—40183
    - PdH$_x$, electron-ion potential approx. model, muffin-tin potentials 2—1460
    - Pr$_2$S$_3$, carrier conc. and relaxation, i.r. spectra 2—40670
    - Pt-Ir alloy, Mossbauer effect and n.m.r., ^{195}Pt and ^{193}Ir 2—26306
    - Pt-Sb$_2$, valence bands, galvanomag. obs. 2—25842
    - Pt, photoemission obs. 2—19810
    - Pt, X-ray spectra obs. 2—7087
    - Pt phthalocyanine, band structure and deformation potentials 2—4128
    - Rb, interband transitions, nearly-free-electron model, reflectance 2—26149
    - Rb, photoemission from core states 2—4118
    - ReO$_3$, valence band structure, X-ray photoemission spectroscopy 2—36639
    - Rh, photoemission obs. 2—25736
    - Rh, relations between X-ray L$_{\text{III}}$ absorp. limit and L$\beta_{2,15}$ lines 2—26206
    - Rh$_{.60}$Pd$_{.40}$ alloy studied by ESCA and X-ray spectroscopy, comparison with spectra of pure metals 2—32884
    - S, adsorbed layer on Ni, determ. from u.v. photoelectron spectra 2—36635

- **Crystal electron states** continued
  - **band structure** continued
    - Sb-Bi alloys, comp. depend. changes, indication by Mossbauer obs. 2—16441
    - Sb, damping of Shubnikov de Haas oscills. and Landau level width 2—25755
    - Sb, magnetorefl. obs. 2—32909
    - Sb and Sb-Bi alloys, interband transitions, i.r. magnetoreflectivity 2—16473
    - Sb$_2$S$_3$, forbidden band, photocond. obs. 2—40262
    - SbSI, density of states and refl. spectra 2—33059
    - Sc, Auger spectrum, LLM and LMM transitions 2—13361
    - Sc, Compton profile obs. 2—1704
    - ScAs(P) epitaxial layers, energy gaps 2—9282
    - ScH$_x$, non-rigid-band behaviour 2—20164
    - Sc$_3$In, density of states 2—40492
    - Se, absorpt. and electroabsorpt. near fund. edge 2—33271
    - Se, monoclinic, comparison with orthorhombic S 2—40128
    - Se, rel. to dielec. const. anisotropy 2—22725
    - Se, trigonal, Fourier expansion 2—22466
    - Se, trigonal, temp. depend. electroabsorpt. on indirect edge 2—13480
    - Se film, amorphous, exponential hole trap distrib. in forbidden band, photoresponse obs. 2—25957
    - Se film, amorphous, space charge I-V characts. 2—13259
    - Si-metal, contacts, density of states and barrier height 2—10071
    - Si, (100), (110) and (111) faces, surface states calc. 2—25864
    - Si, amorphous, elec. cond., band tail model 2—13275
    - Si, amorphous, electronic density of states 2—10073
    - Si, amorphous, photoemission and optical obs. 2—33017
    - Si, band-band impact recomb. 2—33011
    - Si, conduction band structure, from extreme u.v. transmission meas. on crystalline and amorphous samples 2—26172
    - Si, deformation potential constants for sound wave propag. 2—19417
    - Si, effective mass tensor and donor ground state, strain effects 2—16237
    - Si, empirical pseudopotential method 2—16225
    - Si, energy bands and soft X-ray absorpt. 2—40144
    - Si, F$_{222}$ obs., bonding electron density meas. 2—3702
    - Si, intervalley scatt. selection rules 2—22561
    - Si, intrinsic absorpt., radiation induced increase 2—26165
    - Si, Landau levels and hole resonance 2—4146
    - Si, matrix elements in interband optical transitions 2—22746
    - Si, screened exchange and Slater approx. comparison 2—22467
    - Si, stress depend. of E'_0 refl. peak 2—16474
    - n-Si, uniaxially stressed, conduction band valley splittings meas. and i.r. dichroism 2—19968
    - Si, wavelength modulation of photoresponse near indirect edge 2—33074
    - Si, wavelength modulation spectra determ. 2—1692
    - Si (110) and (100) surface band structures, computation 2—16230
    - Si (110) surface n-channel m.o.s.f.e.t., conductivity anisotropy obs. 2—16239
    - Si film, heteroepitaxial, band bending, photoelec. obs. 2—40379
    - SiAs, melt grown, band gap detn. from elec. props. 2—10033
    - SiC, Kohn-Luttinger interference effect and cond. band minima 2—26197
    - SiO$_2$, amorphous, photoemission measurements of valence levels 2—10162
    - SiO$_2$, quartz, density of states, X-ray spectra obs. 2—20085
    - Si$_2$Te$_3$, amorphous band model 2—19671
    - Sm$_2$S$_3$, carrier conc. and relaxation, i.r. spectra 2—40670
    - SmS(Se)(Te), i.r. absorpt. peaks, semicond.-metal transition 2—33274
    - Sn, gray, interband electronic Raman scatt., mag. field effects 2—16567
    - Sn, grey, spectral obs. 2—16475
    - n-Sn, grey, stress-induced band gap 2—36531
    - α-Sn, RPA dielec. function in far-i.r. 2—10051
    - SnO$_2$, density of states effective mass 2—4226
    - SnO$_2$, electrotransmission spectra study 2—40641
    - SnS$_2$(Se$_2$), energy bands, pseudopot. obs. 2—33001
    - p-SnTe, valence bands, weak field magnetoresist. 2—25843
    - SrF$_2$, energy band deform. pot., piezobirefr. obs. 2—26167
    - SrS, dynamic ion charge determ., i.r. spectra and static dielectric props. obs. 2—22396
    - SrTiO$_3$, X-ray photoelectron spectra determ. 2—33092
    - Te-Se, liquid alloy, density of states, Hall coeff. obs. 2—12581
    - Te, cyclotron reson. absorpt. struct. in valence band 2—33002
    - Te, liquid, density of states, Hall coeff. obs. 2—12581
    - Te, rel. to dielec. const. anisotropy 2—22725
    - Te, rel. to temp. depend. of microwave absorpt. 2—25844
    - Te, trigonal, Fourier expansion 2—22466
    - Te, valence band struct. 2—29688
    - Te, valence band transform. under pressure, Shubnikov-de Haas effect obs. 2—10052
    - Th, superconducting energy gap, tunnelling obs. 2—40211
    - Ti, self-consistent calc. 2—4126
    - Ti, valence band struct. from u.v. photoelectron spectra 2—36650
    - Ti surface, changes on oxygen interaction from X-ray appearance pot. spectra 2—35872
    - TiN, pulsed compression, electron energy spectra 2—36532
    - Ti$_2$O$_3$:V, low temp. sp. ht. anomaly, electronic origin 2—40078
    - TiO$_2$, rutile, X-ray spectra, mol. orbital energy level diagram 2—40707
    - TiO$_x$, atomic vacancies influence 2—32887
    - Ti$_{1-x}$V(Cr)$_x$S$_2$, model from cryst. chemistry, resistivity and mag. susceptibility considerations 2—9350
    - Tl, cubic, conclusions from thermo-and electrotransport of thermal lattice defects. 2—36085
    - TlGaS$_2$(Se$_2$), band gap 2—29677
    - TlGas$_2$, band gap 2—29498
    - TlInS$_2$, band gap 2—29677
    - TmTe, mag. props. at press-induced electronic phase transition 2—40501
    - U$_3$O$_8$, sintered, from intrinsic semicond. props. 2—22541
    - V-M alloy, M=Fe, Os, Ru, VKβ_5 emission, electronic struct. 2—6728
    - V-transition metal cpds., X-ray emission spectra obs. 2—40708
    - V, self consistent calc., APW method, at normal and reduced lattice spacings 2—19516
    - V binary alloys with transition elements, X-ray spectra and electron structure 2—29946
    - V film, optical absorpt., interband transitions 2—7076
    - VC, tight binding method 2—4124
    - VC, X-ray spectra obs. 2—40706
    - V$_3$Ga, 3d band structure, calc. in tight binding approximation 2—4127
    - V$_3$Ga, tight binding integrals, calculation and parametrisation, simplified procedure 2—22468

Crystal electron states continued
  band structure continued
    VO_2, energy gap, semicond. to metal transition 2—4007
    VO_2, film, fast metal-insulator transition, laser beam induced 2—10054
    VO_2, film, holographic storage, based on insulator-metal transition 2—7951
    VO_2, LCOAO approach 2—6834
    VO_2, mag. susceptibility and Knight shift obs. 2—33118
    VO_2, metal-insulator transition 2—29679
    VO_2 films, reflectivity, electroabsorpt., band assignments 2—33245
    VO_x, atomic vacancies influence 2—32887
    VO_x, semicond.-metal, semicond.-semicond. transitions 2—10055
    W-Re alloy, annealed, plastic deformation, electronic struct., positron annihilation 2—22483
    W, photoemission obs. 2—19810
    WSe_2, energy gap, effect of dislocation struct. 2—36534
    $Y_{1-x}Th_xAl_3$, low temp. specific ht. meas., influence of Brillouin zones on electronic density of states 2—1432
    Yb, determ. by X-ray photoemission 2—22464
    YbS, YbSe, YbTe, optical spectra obs. and bond ionicity depend. 2—16476
    YbTe, 4f-5d electron collapse, pressure induced 2—10056
    Zn, absorpt. spectra, interband transitions 2—33276
    Zn, calc. using Green's function method 2—29601
    $Zn_xCd_{1-x}S$, $0\leqslant x\leqslant 1$, forbidden bandwidth from two-photon absorpt. obs. 2—22780
    $Zn_xCd_{1-x}s$:Ag,Ni, model, rel. to photoluminescence mechanism 2—4480
    $ZnGeAs_2$, reflectivity spectra, energy band correlation 2—10345
    $ZnGeP_2$, crysts., p-type, acceptor energy level, Hall effect, thermoelec. power 2—13245
    $ZnGeP_2$, empirical pseudopotential method 2—13260
    $ZnIn_2S_4$ and $Zn_3In_2S_6$, determ. from refl. spectra 2—29898
    ZnO, far-i.r. free carrier absorpt. 2—16500
    ZnO, luminesc., band-band recomb. and cond. electron conc. 2—16613
    ZnO, surface in glow discharge 2—35621
    ZnO, Zn 3d states location from u.v. photoelectron spectra 2—36641
    ZnO(Se)(Te), u.v. photoemission obs. of upper d levels 2—25979
    ZnP_2, cathodoluminesc., interband transitions and exciton behaviour 2—26227
    ZnS:Cu, photoluminesc. quenching, effect of secondary band in emission band 2—26226
    ZnS, empirical pseudopotential calc. 2—16225
    ZnS, X-ray $L_{II,III}$ photoemission spectra fine structure study 2—36909
    ZnS epitaxial film, r.f. sputtered 2—29047
    ZnSe:Ni, two-stage excitation of anti-Stokes luminesc. 2—33311
    ZnSe, empirical pseudopotential calc. 2—16225
    ZnSe, from pseudopotential calc. and u.v. spectroscopy 2—40279
    $ZnSnAs_2$, electrorefl. spectra, electron transitions 2—20006
    ZnTe, empirical pseudopotential calc. 2—16225
    ZnTe, from pseudopotential calc. and u.v. spectroscopy 2—40279
    ZnTe, interband Faraday rot., low mag. field 2—7049
    ZnX, x=chalcogen, core electron levels, x-ray induced electron emission obs. 2—19811
    ZnX, x=chalcogen, d-levels location from u.v. photoemission obs. 2—22658
    ZrC, electronic structure 2—1523
    ZrC, tight binding method 2—4124
    ZrC, X-ray spectra obs. 2—40706
    ZrN_x, NKα X-ray emission band, bonding 2—20088
    $ZrZn_2$, cubic Laves phases, model calc. 2—6729
    $ZrZn_2$, reflectivity obs. 2—40650

  excitons
    alkali fluorides, photoemission spectra, 10-40 eV photon energy range, electron affinities determ. 2—19803
    alkali halide, vacuum u.v. irrad., intrinsic process for exciton band excited glow peak prod. 2—16629
    alkali halides, energy levels, exciton-phonon interaction influence 2—7067
    alkali halides, Faraday rot., gyromag. factor 2—22731
    alkali halides, vac. u.v. reflectivity obs. 2—16469
    alkali iodides, excitons perturbed by self-trapped excitons 2—26156
    alkali metal, rel. to piezobirefringence obs. in vac. u.v. 2—16470
    anisotropic crystals, interband transitions, influence on optics 2—16478
    annihilation and exciton phonon interaction in emission spectra of crystals for which the effective mass approximation is valid 2—4133
    anthracene, diffusion length of singlet excitons 2—6737
    anthracene, exciton diffusion rel. to transient photocurrents 2—4306
    anthracene, exciton induced photoemission 2—22659
    anthracene, paramagnetic excitons, role in fluorescence and photoconductivity 2—25741
    anthracene, p.m.r., mobility obs. 2—7132
    anthracene, proton relax. by excitons, low temp. 2—10277
    anthracene, proton relaxation through triplet excitons 2—22845
    anthracene, quenching of triplet excitons by internal β-irrad. 2—6736
    anthracene, rel. to optical anisotropy, 4.5-11.5eV 2—40651
    anthracene, triplet exciton dynamics, temp. depend. 2—33319
    anthracene, triplet exciton generation at surfaces, effect on defect production 2—25740
    anthracene, triplet-triplet fusion, mag. field effects 2—13097
    anthracene crystal metal interface, exciton dissoc. rate const. charge transfer 2—3490
    anthracene crystal/electrolyte solution interface, quenching of excited states 2—26242
    anthracene crystals, charge transfer exciton fission 2—36960
    anthracene/Al interface, exciton- induced photocurrents 2—25963
    antiferrodielectric, exciton model, spin and optical excitations 2—4281
    aromatic crystals, triplet state exciton band structure from ^{13}C shallow trap states 2—19517
    aromatic hydrocarbons, planewise summation of point dipole-dipole interactions rel. to exciton theory of strong transitions 2—13487
    aromatic single crystals, excitation of triplet excitons by guest-host energy transfer 2—4135
    aromatic syst., energy trapping processes 2—36940
    benzene, i.r. exciton spectrum, density of states and absorption function calc. using ^{13}C shift data from a_{2u} mode 2—10397
    benzene crystals, pure exciton emission, 4 to 20K 2—13509
    biexciton binding energy, rel. to electron-hole effective mass ratio 2—9940
    binding energy of excitonic mols. 2—32896
    p-bromochlorobenzene, exciton zone analysis of absorption spectra at 4K 2—26208
    caesium halides, core exciton decay, photoemission obs. 2—19802

Crystal electron states continued
  excitons continued
    p-chloranil, exciton diffusion rel. to transient photocurrents 2—4306
    complexes, pot. form calcs. 2—22470
    condensation, low temp. van der Waals interaction 2—22471
    coupled coherent and incoherent motion, influence on line shape optical absorption 2—19520
    9, 10-dibromoanthracene laser induced photocond., carrier generation by triplet exciton process 2—16320
    p-dibromobenzene, exciton zone analysis of absorption spectra at 4K 2—26208
    9, 10-dichloroanthracene, laser induced photocond., carrier generation by triplet exciton process 2—16320
    p-dichlorobenzene, exciton zone analysis of absorption spectra at 4K 2—26208
    electric field stimulated interserial combination light scattering 2—16449
    exchange splitting in excitons, interatomic distance depend. 2—29903
    exciton interaction effect on e.m. field dispersion 2—16116
    exciton-donor complex, ground state energy, calc. in two polaron model 2—4132
    exciton-exciton scatt. theory 2—32894
    exciton-phonon complex, resonance interactions in strong mag. field 2—22457
    exciton-phonon interaction, coherent potential approx., applic. to optical spectra 2—26135
    excitonic mol., as function of mass ratio, mol. stability 2—25739
    Frenkel exciton system, zero order energy spectrum ASQ method 2—9939
    Frenkel excitons strongly coupled with phonons, propagation in molecular crystals 2—32895
    gaslike phase, in undeformable cryst., shape function of absorption band 2—13468
    halide, layer structure, optical props., review 2—16686
    inert gas, effects on absorpt. spectra 2—20024
    inert gas, effects on extreme u.v. reflection spectra 2—19995
    inert gas solid solutions rel. to vac. u.v. α-induced luminesc. 2—20113
    instability, strong magnetic fields, mean field approximation 2—4134
    insulator, electronic polarization effect, review 2—40136
    insulators, electronic polarization effect 2—32893
    integral equation approach, intermediate binding 2—6734
    interference effects medicated by double-exciton states rel. to absorpt. spectra 2—20014
    interference effects with continuum absorpt., origin, lineshapes 2—20013
    intermolecular intersystem crossing, Franck-Condon factors 2—10431
    lamellar cryst., u.v. spectra obs. 2—10343
    light absorption, Urbach rule 2—4453
    magnetic insulator, rel. to Hubbard model 2—19519
    metal, i.r. catastrophy divergence 2—33291
    metallo-organic layered media, exciton mechanism of high temp. supercond. 2—1683
    molecular, kinetic comparison of Forster-Dexter and slowly quenched Frenkel excitons in linear chains 2—22469
    molecular crystal, strongly coupled, exciton dynamics, polariton-polariton and polariton-phonon coupling 2—9942
    molecular crystals, exciton-induced photocurrents 2—25963
    molecular crystals, substitutionally disordered, studies using optical properties 2—9937
    Mott exciton dissoc. in random field 2—6733
    naphthacene, exciton induction and echo 2—1705
    naphthalene, indole-doped, local excitons 2—13505
    naphthalene, mixed mol. cryst., Frenkel exciton states, density of states functions 2—19523
    naphthalene, p.m.r., mobility obs. 2—7132
    naphthalene, proton relax. by excitons, low temp. 2—10277
    naphthalene, proton relaxation through triplet excitons 2—22845
    $^1B_{2u}$ naphthalene, random lattice calculations on Frenkel exciton 2—1467
    naphthalene, triplet exciton lifetimes from delayed fluorescence and prompt phosphorescence 2—20108
    naphthalene-pentacene mixed crystal, triplet energy transfer, delayed fluoresc. 2—40727
    naphthalene-tetracyanobenzene complex crystal effect of high density exciton on fluorescence decay curve 2—36948
    nonmetallic crystal, role in electron stopping 2—6700
    optical absorption, Urbach's rule, with dispersion of frequencies 2—4452
    organic materials, triplet excitons, prod. and annihilation near absorbing surfaces, delayed fluorescence 2—19522
    organic molecular crystal, diffusion 2—36422
    organic solid, doped, exciton diffusion rel. to luminesc. emission 2—26210
    organic solid, triplet-triplet fusion, mag. field effects 2—13097
    organic solid-state chemistry, conf. Rehovot, Israel, (Sept. 1970) 2—37052
    orientationally disordered cryst., line profiles of exciton absorpt. 2—7065
    oxalate dye photoconductor, thermal ionization, charge carrier formation 2—19790
    paraffins, long-chain, u.v. absorpt, spectra obs. 2—40687
    pentacene, exciton induction and echo 2—1705
    phonon-exciton interaction theory, canonical transform. 2—25738
    polariton 2-photon absorption in noncentrosymmetric crystals 2—36865
    polariton Raman spectrum, overtone and composite tone region 2—16519
    polyacenes, doped, anomalous exciton-quenching kinetics 2—6738
    polyethylene, u.v. absorpt. spectra obs. 2—40687
    polyvinylcarbazole, rel. to photocond. process 2—22648
    potassium halides, core exciton decay, photoemission obs. 2—19802
    potassium halides, extreme u.v. absorpt. spectra, core exciton multiplicities 2—20042
    pyrene, thermally activated happily fluorescence 2—25742
    Raman scattering, exciton mediated, resonance props., polariton theory 2—20058
    Raman scattering by damped polaritons, quantum theory 2—16518
    Raman scattering with polariton creation, theory 2—16451
    rare earth compounds, optical spectra, magnetic ordering effects 2—33259
    resonance Raman scattering, intermediate state interactions 2—16510
    resonance Raman scattering, selection rules 2—16511
    rubidium halides, core exciton decay, photoemission obs. 2—19802
    rubidium halides, extreme u.v. absorpt. spectra, core exciton multiplicities 2—20042
    semiconductor, diamag. excitons in degenerate bands 2—26152
    semiconductor, electroabsorpt. theory 2—7066
    semiconductor, excitonic absorption coefficient 2—10355
    semiconductor, free exciton condensation into electron-hole drops 2—33307
    semiconductor, Ge, radiative recomb. of biexcitons 2—4479

Crystal electron states continued
  excitons continued
    semiconductor, hypersonic attenuation via exciton-phonon interaction 2—9876
    semiconductor, polariz. rel. to resonance Raman scatt. in electric fields 2—16512
    semiconductor, reflectivity spectra, obs. 2—10044
    semiconductor film, optical absorpt. under size quantization conditions 2—7064
    semimetal, phonon spectra in mag. field 2—22395
    semimetals, effect of paramagnetic impurities on excitonic phase 2—32914
    spatially dispersive medium, mode coupling and exciton polarization 2—29892
    spin susceptibility calc., and impurity effects 2—40147
    spin-resonance absorption, effect of exciton motion, stochastic model 2—22824
    superconductivity at high temp. via excitonic mechanism 2—13123
    superconductors, granulated, exciton mechanism of supercond. 2—13115
    superradiance on exciton levels 2—26137
    tetracene, crystals, pentacene doped, heterofission of pentacene excited singlets 2—4136
    tetracene, fluoresc. decay, charge carrier-exciton interaction 2—10446
    tetracene, paramagnetic excitons, role in fluorescence and photoconductivity 2—25741
    tetracyano-p-quinodimethane, specular reflection spectra, anal. of metallic reflection influence of exciton phonon interaction 2—20008
    tetracyanoquinodimethane anthracene cryst. mol. complex, obs. of exciton interactions in polarized specular reflection spectra 2—13465
    triplet exciton interactions, mag. field effects 2—36421
    two-dimensional, comparison of theory and experiment 2—1466
    uniaxial stress effects, review 2—9941
    Wannier exciton, dynamical screening 2—9938
    Wannier exciton. theory in a disordered structure 2—19521
    wurtzite cpds., ground state obs. 2—4222
    wurtzite-type semiconductors energy spectrum of direct excitons 2—36526
    AgCl, photocond. and exciton absorption 2—4297
    $AgGaS_2$, visible cathodoluminesc., free exciton annihilation 2—33324
    β-AgI, hexag. single cryst., exciton spectra, large angle reflection obs. 2—16462
    anthracene, singlet excition-trapped carrier interaction 2—13508
    Ar-Xe solid solutions, localized Wannier excitons, absorpt. spectra 8-11 eV 2—20025
    CaF_2 crystal phosphors, exciton and electron-hole processes 2—26214
    CdP_2, photo and cathodoluminesc., binding energies detn. 2—26215
    CdS:Ga, spectra obs. of structure change dependent on impurity conc. 2—26162
    CdS, B, n=1 exciton line, electric field effect 2—10372
    CdS, bound exciton reson. Raman effect, temp. depend. line shape obs. 2—16581
    CdS, cathodolum., free exciton motion and exciton-phonon interaction studies 2—36958
    CdS, composite complexes around dislocations 2—10369
    CdS, diffusion length, from low temp. photocond. spectra 2—10047
    CdS, evidence of bound exciton resonance in phonon Raman scattering 2—7079
    CdS, highly excited, hot exciton distributions 2—20123
    CdS, inelastic polariton scatt. processes 2—16529
    CdS, interactions between lattice and electronic excitations which luminesce studied in Franck Condon model 2—10419
    CdS, polariz. rel. to electric field induced Raman scatt. 2—16528
    CdS, Raman scatt., reson., role of bound exciton states 2—16582
    CdS lasers, stimulated emission of polaritons 2—34404
    CdS photoluminescent spectra, gamma ray induced changes and bound exciton transitions intensity 2—20122
    $CdS_{1-x}Se_x$, Ar laser irrad., free carrier generation by exciton-donor interact. and exciton impact ioniz. 2—19635
    CdSe, bound exciton-donor complex, spectra obs. 2—10337
    CdSe, diffusion length, from low temp. photocond. spectra 2—10047
    CdSe,B, n=1 exciton line, electric field effect 2—10372
    n-CdTe, CdS, carrier binding time, relaxation kinetics, cathodoluminescence obs. 2—7102
    CdTe, exchange splitting in excitons, interatomic distance depend. 2—29903
    CdTe, excitonic state fine struct. determ. 2—40279
    CdTe film, light modulation by excitonic electroabsorption 2—26118
    $CoCl_2$, antiferromag., Raman scatt. 2—16531
    CoF_2, antiferro- and paramag. phases, Raman scatt. 2—16530
    CoF_2, antiferro- and paramag. phases, light scattering and exciton relaxation 2—16456
    CsF, CsI, multiplet exciton bands, extreme UV absorpt. spectral obs. 2—22793
    CsI, optical constants in the excitonic region 2—20001
    CsI, self trapped, recombination 2—4472
    CuBr, absorpt. and refl. spectra 2—33236
    CuBr, stimulated emission 2—4473
    CuBr(Cl)(I), deform. potentials 2—33231
    CuCl:Br(I), rel. to luminescence 2—13504
    CuCl-CuBr solid solns., Zeeman effect of exciton bands 2—16486
    CuCl, CuBr, CuI, CuBr-CuCl, Faraday rotation and effective g-values 2—10308
    CuCl, exciton spectra, line-width and phonon interaction 2—10378
    CuCl, refl. spectra, uniaxial stress effects 2—13461
    CuO_2, semicond., exciton luminesc., photoexciton annihilation, adsorpt. effects 2—22796
    Cu_2O, combination light scatt. cross-section calc. 2—16449
    Cu_2O, exciton electrorefl. spectra, ang. depend. 2—29897
    Cu_2O, exciton induction and echo 2—1705
    Cu_2O, green series n=1 exciton line, diffr. electroabsorp. obs. 2—36876
    $FeCl_2$, $FeBr_2$, $MnBr_2$ layer-type crystals, ionic, excitonic processes in 2-10 eV spectra 2—20005
    GaAs:Sn, Zeeman spectra of principal bound exciton 2—33306
    p-GaAs, carrier binding time, relaxation kinetics, cathodoluminescence obs. 2—7102
    GaAs, lifetime of excitons bound to neutral donors 2—29952
    GaAs, observation of polaritons, new interpretation of pre-exciton reflectance and luminescence 2—13257
    GaAs, photocond. rel. to free excitons 2—25954
    GaAs nonhydrogenic exciton and energy gap, photoluminescence and photoconductivity 2—22549

Crystal electron states continued
  excitons continued
    $GaAs_{1-x}P_x$, indirect gap, no phonon and phonon assisted exciton absorp. 2—36880
    GaP:Be,(Mg)(Zn),O, role in luminescence 2—10421
    GaP:MgO complex, yellow-orange bound excitonic transition 2—36941
    GaP:N, undulation spectra, rotational levels of shallow acceptor states 2—33304
    GaP:Si, excitons bound to donors, and donor ground state, optical study 2—36530
    GaP, i.r. generation by coherent excitation of polaritons 2—16458
    GaP, low energy state parameters, 77-300K 2—9918
    GaP, polariton dispersion and damping, temp. depend., nonlinear spectra 2—4463
    p-GaSb, luminesc. line due to free exciton annihilation 2—4477
    GaSe, absorpt. near fund. edge due to two dimens. excitons, 4.2 K 2—20036
    GaSe, electroabsorp. in the hyperbolic exciton region 2—33262
    GaSe, layer semicond., photocond. exciton absorption 2—10016
    GaSe, layer type semicond., binding energy from absorp. spectra 2—10380
    GaSe, rel. to absorpt., 1.8-4.2 eV 2—29939
    GaSe exciton-exciton interaction, rel. to luminesc. 2—20115
    GaTe, influence on electroabsorpt. spectra 2—20038
    GaTe, layer type semicond., binding energy from absorp. spectra 2—10380
    Ge:Sn, radiative recomb. at isoelectronic point defects 2—10429
    Ge, dielec.-metal transition, photocond. obs. 2—16235
    Ge, energy spectrum of diamag. excitons, band degeneracy influence 2—13271
    Ge, exciton binding energy determ. from thermoreflectance spectra 2—10347
    Ge, free exciton condensation into electron-hole drops 2—33307
    Ge, hypersonic attenuation via exciton-phonon interaction 2—9876
    Ge, radiative recomb. of biexcitons 2—4479
    Ge, rel. to metallic electron- hole liquid model 2—36416
    Ge diamagnetic exciton energy levels 2—32897
    HgI_2, rel. to optical spectra, 2-6 eV region, 4.2K and 79K 2—33265
    HgTe, excitonic state fine struct. determ. 2—40279
    InP, bound exciton lifetime, emission decay and osc. strength 2—10423
    InSb type cryst., diamag. excitons, wave function 2—6735
    KBr:I, luminesc. from bound excitons, polarized light obs. 2—26236
    KBr, excitonic structure, obs. using reflectivity meas. in vacuum u.v. 2—4137
    KBr (I), u.v. excitation, thermally stimulated cond. obs. 2—19074
    KCl:KBr, luminesc., transitions to exciton and cond. band states 2—36932
    KCl, KCl-NaCl, KCl-RbCl, $Cl^-_{II,III}$ absorpt. spectra obs. 2—20041
    $KCoF_3$, one and two exciton Raman scatt., magnon scatt. 2—36902
    KI, excitonic structure, obs. using reflectivity meas. in vacuum u.v. 2—4137
    KI, pure triplet state, vac. u.v. reflectivity obs. 2—16469
    $KMnF_3$:Ni(Co), magnon absorption spectra, impurity effects 2—6993
    LiBr-NaBr solid solutions, rel. to absorpt. obs., 6-9.5 eV, comp. depend. 2—16493
    LiH, refl. spectra obs. 2—7094
    $LiNbO_3$, directional dispersion of phonon frequencies and polariton scatt. 2—16553
    $LiNbO_3$, eigenfrequency, eigenvector and Raman scatt. cross section of polaritons 2—16554
    Mg-Mn ferrite, rel. to White Line obs. at K-absorp. edge of Mn 2—40705
    $MgBr_2$, optical absorp. in vicinity of Mg L-shell transitions 2—33268
    $MgCl_2$, optical absorp. in vicinity of Mg L-shell transitions 2—33268
    MgF_2, optical absorp. in vicinity of Mg L-shell transitions 2—33268
    $MoSe_2$, exciton-exciton interaction during laser irrad. 2—19788
    NaCl:Br^-, localized, luminesc. at 4.0 eV and 5.15 eV 2—16610
    NaCl, NaCl-KCl solid soln., $Cl^-_{II,III}$ absorpt. spectra obs. 2—20041
    NaI, excitonic structure, obs. using reflectivity meas. in vacuum u.v. 2—4137
    NaI, impurity photocond. due to excitonic-energy transfer 2—16314
    Ni complex $[TMPD^+]_2$ $[Ni(mnt)_2]^{2-}$, triplet exciton e.p.r. and structure 2—30005
    $PbBr_2$, film, absorp. spectra, thickness effects 2—10393
    Pr, fcc, dispersion of singlet triplet magnetic excitons as function of temperature 2—6963
    Pr_3Tl, dispersion of singlet triplet magnetic excitons as function of temperature 2—6963
    Pt complex, dichloro(ethylenediamine)platinum(II), ionic exciton states 2—29920
    Se, trigonal, temp. depend. electroabsorpt. on indirect edge 2—13480
    SiC:N, 6H polytype, Zeeman effect of the absorp. lines R_o and S_o 2—36885
    n-SiC, exciton-exciton interaction in photoluminescence spectrum 2—1712
    SiO_2, quartz, X-ray spectra obs. 2—20085
    SrF_2 crystal phosphors, exciton and electron-hole processes 2—26214
    TlBr, exciton-optical phonon interaction, reson. Raman scatt., hot luminesc. 2—16588
    Xe, liquid and solid, Wannier exciton, reflection spectra obs. 2—10351
    YIG, absorpt. spectra obs. 2—40681
    ZnO, photoluminesc., mixed-mode excitons, reabsorpt. and exciton diffusion 2—16612
    ZnO, stimulated emission and excited states of donor electron 2—4481
    ZnP_2, cathodoluminesc., interband transitions and exciton behaviour 2—26227
    ZnS, deformed, exciton spectra and exchange interaction 2—29902
    ZnS, with stacking faults, exciton refl. spectra 2—22752
    ZnSe, excitonic state fine struct. determ. 2—40279
    ZnSe(Te), carrier binding time, relaxation kinetics, cathodoluminescence obs. 2—7102
    ZnT, exchange splitting in excitons, interatomic distance depend. 2—29903
    ZnTe:In, O, luminesc. due to isoelectronic O centres 2—20106
    ZnTe, excitonic state fine struct. determ. 2—40279
    ZnTe, stress induced splitting, reflection spectra ions 2—16477

Fermi level
  alloy, disordered, conc. depend. 2—9924
  alloy, perturbation treatment 2—40140
  antiferromagnetic phase transitions, in exchange field 2—1642
  aromatic hydrocarbon crystals 2—25849
  β-brass, u.v. photoemission obs. 2—1589
  chromium(III) trisacetylacetone film, semiconducting props. 2—36522

Crystal electron states continued
Fermi level continued
energy, alternative derivation 2—29590
group IIB-VIA semiconductors, location rel. to upper d-levels from X-ray and u.v. photoelectron spectra 2—36633
metal, muffin tin zero, phase shifts and logarithmic derivatives 2—16098
noble metal alloy, rigid band model 2—32878
photo-field-emission technique 2—22656
pyrocarbons, boron doped, shift during graphitization 2—3984
semiconductor, heavily doped, Hall effect near metal-insulator transition 2—19623
semiconductor, ZnO, surface, effect of chemisorbed iron cyanide 2—4228
superconducting phase transitions, in exchange field 2—1642
Au, rel. to electromodulation of reflectivity at Au/electrolyte interface 2—9246
Au, X-ray spectra obs. 2—7087
AuCu$_3$, density of states, ordering influence 2—1431
BaO, determ. from thermal e.m.f. 2—29659
Bi rel. to anomalous ang. variation of spin splitting factor, u.s. giant quantum attenuation obs. 2—25730
C, amorphous film, field effect obs. 2—13222
CdS-Cu$_{2-x}$S n-p heterojunction, localization by surface states 2—4247
Ce, location rel. to f- level, soft x-ray absorpt. and photoemission obs. 2—22791
Cs, core level positions 2—4118
GaAs:Zn,Fe, rel. to carrier conc. at melting temp. 2—29667
GaAs-Cs$_2$O interface, level position 2—6927
Ge, amorphous, annealed, band gap around equilib. Fermi level 2—40291
Ge, amorphous films, photoemission obs. 2—4324
Ge, heavily doped, density of states approx. 2—36059
In, photoemission obs. 2—4122
Ir, density of d-states function 2—40374
La, location rel. to f-level, soft x-ray absorpt. and photoemission obs. 2—22791
LaSn$_3$, electron energy levels, nonrel. modified OPW calc. 2—19510
LaSn$_3$, electron energy levels, relativistic corrections using perturb. theory 2—25733
Na$_x$WO$_3$, optical transition energy 2—33243
Nb$_3$Sn, normal and supercond. props. rel. to density of states 2—29637
Ni-Cr alloy, rel. to comp. depend. of mag. props. 2—22688
Os, density of d-states function 2—40374
Pd-H positron annihilation obs. 2—19531
Pt, density of d-states function 2—40374
Pt, X-ray spectra obs. 2—7087
Rb, core level positions 2—4118
Re, density of d-states function 2—40374
n-Si:P, donor conc. depend. 2—22835
Si-metal contacts, surface position 2—10071
SrO, determ. from thermal e.m.f. 2—29659
VO, APW method calc. 2—36418
Y, location rel. to f- level, soft x-ray absorpt. and photoemission obs. 2—22791
ZnO, surface, effect of chemisorbed iron cyanide 2—4228

Fermi surface
alkali metals, self-consistent calc. 2—1461
β'-brass, positron annihilation obs. 2—16129
data inversion techniques using partial-wave phase shifts 2—36404
electron-plasmon scattering processes, dependence of lattice periodicity contribution on form of Fermi surface 2—32904
graphite, Hall effect and thermoelec. power study 2—36497
helicons, boundary value problems, numerical solutions 2—29605
interpolation schemes, muffin tin zero 2—16099
interpolation schemes based on phase shifts, choice of muffin tin zero 2—4111
liquid semiconductors, det. from electrophysical properties 2—35784
magnetic breakdown between 2 pieces of surface, uncertainty principle derivation 2—19493
mass spread effects on cyclotron resonance lineshape 2—13105
metal, d- and f-block 2—16088
metal, density of states divergence elimination in crossed elec. and mag. fields 2—40768
metal, Fermi edge intensity singularity, X-ray spectra 2—1701
metal, low-temp. elec. cond. and phonon drag 2—22486
metal, magnetoacoustic attenuation by Bragg-reflected electrons, jellium model 2—4052
metal, muffin tin zero, phase shifts and logarithmic derivatives 2—16098
metal, noble, interpolation schemes, muffin tin zero 2—16099
metal, noble, small angle scatt. and Kapitza law rel. to magnetoresist. 2—9950
metal, phonon induced self energy and mass enhancement of electrons 2—4107
metal, polycrystalline, open orbits and linear field dependence of transverse magnetoresistance 2—4156
metal, relax.-time represent. and Dingle-Robinson temp. inversion 2—36401
metal, scattering processes, dHvA obs. 2—16097
metal, spin-lattice relaxation, electron transition, non-mag. impurity effect 2—22716
metal films, with ellipsoidal Fermi surfaces, conductivity 2—4154
metallic slab, four fold symmetry, rel. to oscillations below helicon edge 2—16118
noble metals, data inversion 2—36404
noble metals, de Haas-van Alphen effect 2—16087
positron annihilation ang. correl. apparatus 2—16129
semiconductor, density of states divergence elimination in crossed elec. and mag. fields 2—40768
superconducting film, normal metal coated, thickness depend. 2—9965
superconductor, pure type II, dependence of flux line lattices on anisotropy of Fermi surface 2—9966
topology, effect of additional long period in cryst. 2—40133
transition metal alloy, topologically close packed phases, band struct., elec. and mag. props. 2—35977
Ag-Au(Pd) dil. alloys, magnetoresistance obs. 2—1474
Ag, rel. to cyclotron phase resonances 2—19527
Ag film, deform. 2—16302
Al-M, M=Cu, Au, Mg, Zn, Ge, anisotropy, rel. to deviations from Matthiessen's rule 2—16141
Al, press. depend., oscillatory magnetostriction obs. 2—16103
Al, stress depend., oscillatory magnetostriction 2—25729
As, giant quantum oscillations, u.s. absorpt., pressure effects 2—1462

Crystal electron states continued
Fermi surface continued
Au, optimization procedure 2—19506
Au, press. depend. 2—29597
Be, Shubnikov-de Haas effect and mag. breakdown 2—6748
Bi, magnetosonic-elec. effect 2—16125
Bi, pure and doped, magnetoacoustic attenuation, Landau level broadening 2—29537
Bi, r.f. size effect obs. 2—9956
Ca, Slater-type pot. calc. 2—1463
Cd, electron mean free path meas. on lens part, r.f. size effect obs. 2—13086
Cd$_3$As$_2$, effective mass calcs. from quantum oscills. of thermoelec. power, thermal cond. coeffs. 2—16226
Ce-La alloys, supercond., sp. ht. obs. 2—19578
Co, ferromagnetic, low freq. dHvA effect obs. 2—25754
Co spheres, de Haas- van Alphen oscillations 2—40157
Cr-Mn(V) dil. alloys, de Haas-van Alphen effect 2—1473
Cr-V-Mn alloys dHvA measurements, hole ellipsoids 2—4117
Cu-Al alloys, positron annihilation obs. 2—13087
Cu-Au alloy, rel. to deviations from Matthiessen's rule 2—16144
Cu-Au(Ge)(Ni)(Zn) dil. alloys, magnetoresistance obs. 2—1474
Cu-Ni alloy, positron annihilation obs. 2—16129
Cu-Ni alloys, positron annihilation obs. 2—32879
α-Cu-Zn, disordered, topology from positron annihilation ang. correl. meas. 2—16131
β-Cu-Zn, ordered, topology from positron annihilation ang. correl. meas. 2—16130
Cu, dHvA effect, point defect influence 2—4147
Cu, microwave reson. obs. 2—36427
Cu, positron ang. correl. obs. 2—29569
Cu, positron annihilation obs. 2—32880
Cu, rel. to cyclotron phase resonances 2—19527
Cu, topology linear filed dependence of transverse magnetoresistance 2—4156
Cu$_{85}$Zn$_{15}$ alloy, position annihilation obs. 2—1475
Eu, rel. to spiral antiferromag. phase 2—36766
Fe, ferromagnet, de Haas-van Alphen effect 2—25753
n-GaAs:Te, constant-energy surface anisotropy, Landau levels, Shubnikov-de Haas effect, 1.9-4.2 K 2—22548
Hg, Azbel-Kaner cyclotron reson., effective masses 2—4145
Hg, pseudopotentials 2—1464
In-Sn alloy, Fermi surface-Brillouin zone interaction, rel. to enthalpy of mixing 2—22342
In-Tl alloy, topology 2—6724
InBi, de Haas-van Alphen effect 2—16107
InPb superconducting alloys, effect of variations on magnetostriction and magnetization 2—19823
p-InSb, Hall coeff. field depend., constant-energy surface, 77 K 2—22551
n-InSb, warping conc. depend., from period anisotropies in SdH and dHvA obs. 2—19509
Li, distortion due to hydrostatic press. 2—1455
Li, positron annihilation, Fermi surface radii, lattice potential 2—19511
Li, positron annihilation obs. 2—19514
Lu, de Hass-van Alphen effect 2—4148
Mg, magnetoresist. study of open trajectories 2—32882
MgZn$_2$, local model pot. form factors 2—16108
Mo, r.f. size effect study 2—6725
Na, Fermi edge intensity singularity, X-ray spectra 2—1701
Nb, magnetoresist. study 2—25734
NbN, s-band state density at Fermi energy 2—13089
Pb$_{1-x}$Sn$_x$Se, Shubnikov-de Haas effect obs. 2—25841
PtSi-Si-PtSi, m.s.m. struct., IV characteristics 2—10096
ReO$_3$, de Haas-van Alphen effect 2—4149
ReO$_3$, press. derivatives 2—13090
Sb, magnetoacoustic resonance, acoustic cyclotron resonance 2—32877
Sb, rel. to optical Shubnikov-de Haas effect obs. 2—22480
Sb, rel. to positron annihilation radiation 2—36432
Sb, rel. to tip effect in magnetic surface state resonances 2—19518
Sn, mag. breakdown 2—6667
Sn, white, interpolation schemes, muffin tin zero 2—16099
Sn, white, pseudopot. form factors 2—13091
Te, valence band transformation under pressure, Shubnikov-de Haas effect obs. 2—10052
Ti, self-consistent calc. 2—4126
VO, APW method calc. 2—36418
W, Doppler-shifted acoustic cyclotron resonance obs. 2—22478
W, radiofrequency size effect 2—22497
Zn, calc. using Green's function method 2—29601
Zn, stress depend. of needle-shaped electron pockets 2—36429

impurity states and effects
see also Electron traps
absorption and light scattering, antiresonance theory 2—16447
alkali halide, vacuum u.v. irrad., electron trapping at O impurities rel. to glow peaks 2—16629
alkali halides, F center, soln. of vibronic model for relaxed excited state 2—36061
alkali halides with s^2 ions, charge transfer effects on optical transitions 2—33230
alloy, dil., giant thermopower due to pair of interacting mag. impurities 2—25941
alloy, dil., interacting localized moments, pairing treatment, Coulomb interactions 2—25718
alloy, dil., localized mag. moment 2—29791
alloy, dil. mag., impurity-electron binding energy, Anderson model 2—1457
alloy, dil. nonmagnetic, cond. electron scatt., kinetic equation 2—13069
alloy, dilute, low temp. resistivity, impurity scatt. 2—16134
alloy, dilute, nonmag., resist. temp. coeff. rel. to impurity at. number 2—16138
alloy, dilute, rot. symmetry in local moment formation 2—13073
alloy, disordered, pair effects 2—22453
alloy, disordered binary, effect of s-d hybridization on cond. 2—13109
alloy, disordered binary, pair effects, CPA analysis 2—9925
alloy, Kondo resist. suppression due to electron-impurity scatt. 2—1453
alloy, screened form factors of model potentials 2—40140
amorphous semiconductors, electron correlation effects on low temperature thermodynamics 2—13213
amorphous solid, Poole-Frenkel cond., screening effects 2—22452
Anderson model, rel. to Kondo effect 2—6712

Crystal electron states continued
impurity states and effects continued
Anderson model for random lattices, existence of mobility edges 2—32874
Anderson model of disordered systems, localization criterion 2—40131
Anderson transition, self consistent field theory 2—6715
anthracene, cryst., in soln., fluoresc. decay times, rel. to defects and reabsorpt., 2-350K 2—10442
anthracene, effect of γ-ray induced impurities on semiconductive behaviour 2—19614
anthracene, triplet exciton generation at surfaces, effect on defect production 2—25740
anthracene film, rel. to γ-irrad. effects on I-V characts. 2—29681
anthracene film, space charge limited currents with uniform and non-uniform trap distrib. and size effects 2—40266
antiferromagnetic insulators, effect of introduction of defects on spectrum of magnetic excitations 2—40543
aromatic crystals, triplet state exciton band structure from ^{13}C shallow trap states 2—19517
aromatic syst., energy trapping processes 2—36940
calcogenide semiconductors, bonding bands, lone-pair bands and impurity states 2—19662
carrier injection in molecular crystals 2—25847
chalcogenides, amorphous, model analysis of photocond. 2—36609
charge transfer complexes, e.p.r. obs., conduction mechanism 2—10526
cubic lattice, localized modes, extended Watson integral 2—19484
diamond, near i.r. luminesc. study 2—13501
diamond-type covalent crystals, point defects, impurity centres, electronic props. 2—9531
diamond-type cryst., point defect props., extended Huckel method applic. 2—13084
diamond-type cryst., point defect props., extended Huckel method applic. 2—13085
dilute magnetic alloys, influence of spin-orbit interaction of conduction electrons on Kondo effect 2—25992
dislocation electrons and phonons, models of interactions 2—6492
electron gas, in strong mag. field, effect on level density 2—32900
electron trapping in m.o.s. structures, study of radiation damage using internal photoemission 2—19730
electron-impurity interaction, kinetic equations 2—1451
electronic structure of point defects, Mossbauer and spin resonance obs., book 2—32876
energy transfer between impurity molecules, in presence of relaxation 2—40124
excitonic states, spin susceptibility and impurity effects 2—40147
Fe_3O_4, coexistence of localized and itinerant d-electrons 2—16093
ferroelectric, wide-gap, effect on Curie pt. 2—29749
ferromagnet, paramag. phase, impurity spin state calc. 2—19830
rel. to ferromagnetic resonance line width, theory 2—7109
film insulators, d.c. conduction mechanisms, book 2—29732
from point group compatibility tables 2—19989
n- GaAs, donor conc. depend. of cathodoluminesc. 2—13519
glass, thermoluminesc., fading, trap model 2—29972
graphite, boronated single cryst., negative magnetoresist. 2—22528
graphite, pyrolytic, electrical resistivities from charge carrier transport parameters 2—29661
graphite, thermal cond., effect of B or Br doping 2—22429
group II-VI cpds., impurity photocond. spectra 2—6901
group III-V compound, e.p.r., review 2—33334
impurity ionization by hot electrons, electron temp. calc. 2—4120
impurity scatt. in presence of e.m. field, elec. cond. rel. to impurity conc. 2—16081
inductive resonance energy transfer, theory 2—1677
inert gas solid solutions, energy trapping mechanism, vac. u.v. α-induced luminesc. 2—20113
n-InSb, i.r. Faraday rotation, low temp. electron impurity scatt. detn. 2—22729
insulator with discrete traps, high field and thermally stimulated currents 2—22521
insulators, current flow, combined Poole-Frenkel and Schottky effects 2—40238
insulators with Gaussian distrib. of traps, space-charge limited currents 2—19752
interference narrowing of hot luminescence lines 2—1450
lasers, semiconductor, threshold characteristics dependence on doping level and temp. 2—27515
layer, thin quantized, electron-charged impurity interaction 2—22456
light absorption, Urbach rule 2—4453
localised and delocalised states, crossed transitions 2—29904
localization, exact soln. of Schrodinger eqn. with δ-function potentials 2—16095
localized, in strong mag. field, non-variational method of study 2—25722
localized mag. moment form., supercond. effect 2—25774
localized magnetic, formation, Friedel-Anderson model and its limitations 2—16339
localized magnetic moment theory, functional integrals 2—16338
localized states in defect cryst., theory 2—9926
localized vibrational coupling rel. to interference effects in anti-Stokes secondary radiation 2—10403
metal, e.p.r. width, temp. depend. 2—22822
metal, mag., impurity resist., nonlinear conc. depend. 2—4155
metal, nearly free electron model, point defect scattering 2—25717
metal, residual resistance, impurity screening, Thomas-Fermi method 2—9951
metal, Schrodinger eqn. soln, using Green function technque 2—16091
metal, spin-lattice relaxation, electron transition, non-mag. impurity effect 2—22716
metal-semiconductor contact, filling of local levels applied voltage effects 2—19659
metals, bound impurity orbitals, rel. to calc. of giant impurity diamagnetism 2—1602
metals, elec. cond., localized scatterers, Lorentz corrections 2—19538
3-methylpentane γ-irrad. at 77K, effects of optical bleaching on luminescence decay and trapped electron conc. 2—26229
2- methyltetrahydrofuran irradiated glasses, study of trapped electron 2—26377
m.i.m. struct., zero bias anomalies due to paramag. impurities 2—13070
mixed molecular crystals, impurity luminescence, energy transfer 2—29998
mixed valence semiconductor, rel. to hopping transport 2—9997

Crystal electron states continued
impurity states and effects continued
molecular crystals, substitutionally disordered, studies using optical properties 2—9937
NaI:Tl, light sum storage process rel. to anionic impurities 2—10425
naphthalene, indole-doped, local excitons, influence of impurity conc. 2—13505
optical absorption, Urbach's rule, with dispersion of frequencies 2—4452
optical absorption by trapped electron interacting with lattice vibrations, solution of infinite set of Green- function equations 2—36862
organic solids doped, exciting capture rel. to luminesc. emission 2—26210
p-n diffusion junction, impurity distribution, potential distribution 2—4246
p-n junctions, impurities with deep energy levels, compensation of spectral characteristics 2—29772
periodic deformable lattice, energy spectrum of carriers 2—29587
perylene, film, doped, bistable switching, donor-acceptor complexing 2—16219
phenoxatiin, film, transport processes, poe-Frenkel effect 2—16217
photoconductors, effect of multiple trapping centres in presence of radiative interband recombination 2—36608
photoreceptor, homogeneous, photodischarge 2—22635
poly-n-vinylcarbazole, thin film, yield of charge carriers excited by dose of X-rays 2—19535
polymers, defect- induced vibrational spectra 2—16506
Poole-Frenkel constant evaluation 2—1524
Poole-Frenkel effect, under space charge limited current conditions 2—19629
Poole-Frenkel emission model 2—4103
precious metal pyrochlores, electronic characterization 2—10076
quenching of molecular excitons, kinetic comparison of Forster-Dexter and Frenkel excitons in linear chains 2—22469
radiationless energy transfer between impurity atoms, cryst. with broad absorpt. and luminesc. bands 2—22451
random system one-dimens., density of states rel. to range of localization 2—16090
resonance phenomena for local oscillations at multiple and combined frequencies 2—40654
resonant density oscillation around transition metal impurity 2—30021
resonant Raman scattering, by asymmetric vibration 2—16513
ruby, u.v. irradiated, colour stability rel. to dopants and annealing 2—25450
s-d system, extended parquet theory 2—9917
sapphire, Fe, Ti doubly doped, redox reaction, e.s.r. and optical spectra, biparticle formation, valency states 2—25241
scattering at impurity centre, causality conditions 2—9916
semi-insulators, trap-controlled space-charge-limited current rel. to Poole-Frenkel barrier 2—40230
semiconducting oxide, with metal or higher valence state oxide inclusions, elec. cond. calc. 2—40241
semiconductor, anomalous Hall effect for polarized electrons, Kane model calc. 2—22525
semiconductor, CdSe, monovalent donors, transient photocond. 2—4299
semiconductor, charged vacancy equil. conc. complex form. influence 2—1528
semiconductor, combined resonance of band carriers 2—22823
semiconductor, compensated, low field mobility at low temperatures 2—36491
semiconductor, deep level density and energy from C-V meas. 2—13268
semiconductor, diamond-type, acceptor level ground state energy 2—13262
semiconductor, direct method for impurity distrib. determ. 2—15775
semiconductor, disordered, intrinsic and impurity absorpt., calc. 2—40653
semiconductor, doped, electron shielding 2—4200
semiconductor, ferromag., metal-insulator transition and autolocalization of cond. electrons 2—32961
semiconductor, ground states and photoioniz. of transition metal impurities 2—19672
semiconductor, Hall effect in impurity conduction 2—13212
semiconductor, heavily doped, diffusion, local charge neutrality and one-band approx. 2—36059
semiconductor, heavily doped, elec. specific heat in weak mag. field 2—9886
semiconductor, heavily doped, mag. suscept. 2—4192
semiconductor, heavily doped, thermoelec. effect, weak mag. field depend., calc. 2—40268
semiconductor, heavily doped, thermomagnetic and adiabatic effects, low temp. 2—40269
semiconductor, impurity band hopping cond., theory 2—16198
semiconductor, impurity state redistrib. due to impurity-phonon interaction 2—40028
semiconductor, impurity-to-band activation energies, conc. and temp. depend. 2—10057
semiconductor, inelastic impurity scatt. of hot electrons 2—1507
semiconductor, large band, resonant Raman effect localised energy levels, impurity levels 2—16579
semiconductor, low compensated, impurity conductivity 2—25811
semiconductor, many valley, shallow donor ground state levels 2—40280
semiconductor, many-valley, reson. level effects on density of states 2—6825
semiconductor, many-valley, transverse galvanomag. coeffs., strong elec. field 2—6851
semiconductor, optical absorpt. by deep level centres in static elec. field 2—10353
semiconductor, periodic lattice Green functions applic. 2—6718
semiconductor, phonon transmission 2—32832
semiconductor, photoelectret state, non-isothermal relaxation, trapping levels, thermally stimulated currents 2—25950
semiconductor, radiative electron capture by impurities 2—40713
semiconductor, radiative recomb. obs. using impact ioniz. of donors 2—16602
semiconductor, recomb. centre parameters determ. from carrier lifetimes 2—32959
semiconductor, recomb. centres characteriz. from photoluminesc. temp. depend. 2—29951
semiconductor, recombination domains, illumination effect 2—22524
semiconductor, substitutional acceptor impurities 2—6835
semiconductor amorphous, percolation on continuum and localization-delocalization transition 2—6791
semiconductor characterization, kinetics of one energy level recomb. 2—22523

Crystal electron states continued
impurity states and effects continued
semiconductor detectors, impurities and defects, energy levels identification in spectra by improved infrared response meas. 2—27883
semiconductor diffused structure, carrier equiv. lifetime, impurity deionization and temp. effects 2—25809
semiconductor junction, p-n, impurity distrib. from C-V curves 2—10084
semiconductor multivalley, multivalued equilib. distrib. of current carriers 2—22546
semiconductor with high Peierls barriers, charged impurity influence on dislocation mobility 2—29177
semiconductors, charge-carrier equilibrium according to mass-section law 2—13202
semiconductors, extrinsic, n- and p-type, concepts of donors and acceptors, charge carrier production 2—32957
semiconductors, Green's function method for calc. of impurity energy levels in the band gap 2—18543
semiconductors, homopolar, charge carrier capture by deep traps, hot electrons 2—29657
semiconductors, homopolar charge carrier capture by deep traps 2—10045
semiconductors, isoelectronic impurities, screened potential 2—13201
semimetals, effect of paramagnetic impurities on excitonic phase 2—32914
space charge limited current, in samples containing fully ionized donors 2—19631
space-charge limited currents in insulators, in presence of traps with Coulombic potential 2—29656
space-charge-limited currents in presence of traps 2—22517
spatial charge displacement by impurity scatt., T-matrix approach 2—19485
spin polarization around mag. impurities 2—16336
stochastic problems, multiple scatt. effects 2—36398
Stokes' shift for impurity spectral lines, relation between new method of derivation and adiabatic approx. approach 2—36861
Stokes' shift for impurity spectral lines derived by new mathematical technique 2—36860
substitutionally disordered crystals, cluster expansion model for density of excited electronic states 2—32870
superconductor, paramag. impurity contrib. to fluctuation cond. in mag. field 2—19557
superconductor, spin excitation effects 2—29623
superconductor, two-band, non-mag. impurity effects 2—36451
superconductor spin fluctuation effects, extended Anderson model 2—32924
superconductor with mag. impurities, impurity band obs. 2—32934
supermigration, transfer of excitation energy from donor acceptor particles 2—19497
tetracene, crystals, pentacene doped, heterofission of pentacene excited singlets 2—4136
tetracene, film, doped, bistable switching, donor-acceptor complexing 2—16219
thermal expansion, applic. to localized energy level characterization 2—16041
thermoluminescence model, electron trap energy depth estimation 2—29969
transition metal, interaction energy between two impurities 2—1458
transition metal alloys, dil., impurity resist. and spin fluctuation temp. 2—16146
transition metal alloys, f.c.c., carbon influence on electronic sp. ht. 2—16114
triplet atom impurity centres, energy cumulation probability and efficiency of cooperative luminescence 2—1449
tunnel junction, interactions between mag. scatterers 2—13284
tunnelling impurity assisted, theory with expression for conductance 2—40126
violanthrene A, single cryst., oxygen acceptor levels 2—13250
p-, CdP$_2$, acceptor level depth and compensation, dark and photoconductivity obs. 2—40248
Ag-Au(Pd) dil. alloys, anisotropic relax. and low field magnetoresistance 2—1474
Ag-Mn dil. alloys, optical props., spin splitting 2—20019
Ag, with O impurity, temp. depend. of resist. 2—40168
AgGaS$_2$(Se$_2$), shallow level obs. 2—4223
AgHal, photoelectron capture in surface trap 2—29585
AgHal lattice, energy depths of potential holes 2—29584
Al-Cr(Mn) dil. alloys, supersaturated, resist. due to localized spin fluctuations 2—16140
Al-Cu(Mn) dil. alloys, optical props. and band struct. 2—16463
Al-Cu(Mn)(Cr) dilute alloy, impurity resist., temp. depend. 2—40169
Al-M, M=Au, Cu, Mg, Zn, Ge, deviations from Matthiessen's rule 2—16141
Al-M dil. alloys, (M=Ti, V, Mn, Ni), virtual bound state obs. from Al L$_{2,3}$ absorption spectra 2—20022
Al-Mn dil. alloys, localized spin fluctuations, rel. to supercond. 2—1494
Al-Mn dil. alloys, localized spin fluctuation effects on high temp. resist. 2—32916
Al-transition metal alloy, localized spin fluctuations 2—19822
Al, positron-vacancy interaction, trapping and nontrapping models 2—29610
Al, spin-flip scatt. of cond. electrons from transition metal impurities 2—40753
Al films with enhanced T$_c$, localized state effects 2—22504
Al$_2$O$_3$, film, for gate insulation and passivation, Poole-Frenkel effect 2—1557
Al$_2$O$_3$, γ-irradiated sample, e.s.r. study of holes trapped at Mg^{2+}, Li$^+$ and cation vacancies 2—4538
Ar-Xe solid solns., localized Wannier exciton effects, absorpt. spectra, 8-11 eV 2—20025
As$_2$Se$_3$, Poole-Frenkel effect rel. to carrier mobility field depend. 2—4205
Au-Mn dil. alloys, optical props., spin splitting 2—20019
Au-V dil. alloys, electronic sp. ht. 2—16034
Au, ang. distrib. of x-ray induced photoelectrons from Ag bulk and C and O surface impurity levels 2—19806
β-B, rhombohedral, trapping levels and parameters detn. 2—19665
BaO, donor levels, from elec. props. and thermionic emission 2—29659
Bi$_2$Fe$_4$O$_9$, Cr-doped Mossbauer effects obs. 2—4442
C, amorphous, trap density distrib., hopping cond., elec. props. 2—4207
CaF$_2$:Eu, zero phonon line, concentration dependence 2—4456
CaF$_2$, thermoluminesc., continuous trapping model, trap parameters 2—29971

Crystal electron states continued
impurity states and effects continued
CaO, F$^+$ centre electronic state coupling with vibr. modes 2—29911
CaS-SrS-Ce, Sm phosphors, energetic structure of capture centres 2—16624
CaWO$_4$:Nd^{3+}, polarized Zeeman fluorescence spectra, energy and polarization meas. 2—16615
Cd-Mn extremely dil. alloy, impurity effects rel. to resist. obs. 0.4-30 K 2—16148
CdCr$_2$S$_4$(Se$_4$), optical spectra obs. of Ag and In doped crysts. 2—40659
Cd$_x$Hg$_{1-x}$Te, impurity scatt., rel. to electron mobility, under high hydrostatic pressure 2—10009
CdS:Cu, rel. to i.r. quenching of photo-Hall effect 2—33068
CdS:Cu, trap parameters, thermolum. study 2—19668
CdS:Cu crystal, Hall mobility rel. to doping 2—29664
CdS:Ti^{3+}, e.p.r. study, 27 K 2—26275
CdS-Ni, absorption spectra, charge transfer band region, bound state formation 2—36889
CdS, elec. props. rel. to growth conditions 2—19636
CdS, electron trap obs. using TSC, photocond., luminescence 2—13339
CdS, optical phonons bound to neutral acceptors 2—19992
CdS, photosensitivity, electron trapping levels, r-type sensitization centres 2—22639
CdS, thermostimulated capacitor discharge, pseudo current glow curves 2—40275
CdS$_{1-x}$Se$_x$, Ar laser irradiated, free carrier generation by excition-donor interaction 2—19635
CdSb:Ag(Ge)(Te) layers 2—36046
CdSb:Te, Hg(In), influence of double doping on elec. props. 2—36499
CdSe:Cr,Fe, photoionization absorp. spectra 2—10373
CdSe, monovalent donors, transient photocond. 2—4299
CdSe, photoelectronic props. of electronically active defects 2—13338
CdSe, single cryst., rel. to stationary photoconductivity 2—29770
CdSe, two-electron transitions of donor 2—10337
CdSe film, cond. mechanism, effect of annealing 2—10011
CdSnP$_2$, various impurities, cathodoluminesc. and photoluminesc. 2—10452
CdTe:Cd, film, annealed in Cd vapour, elec. cond. rel. to annealing temp. 2—29663
CdTe:Cu (Ga)(In), detector-mat. evaluation by e.p.r. and channelling expts. 2—36539
CdTe:Fe, photoconductivity, absorpt. and electro-absorpt. spectra obs. 2—36538
CdTe:In, photoluminesc., donor-acceptor pair spectrum 2—40722
p-CdTe:S, i.r. absorpt. spectra, 90-470K 2—22761
CdTe, compensation determ. rel. to purification by vertical zone melting 2—35950
CdTe, donor-Cd vacancy complexes, annealing effects 2—36535
CdTe, doping by travelling heater method and model for elec. behaviour of In-doped mat. 2—35944
CdTe, double acceptor obs. 2—36528
n-CdTe, impurity photocond., recomb. centres 2—6902
CdTe, impurity photocond. spectra 2—6901
CdTe, γ-ray spectrometer mat., trapping analysis, transient charge technique 2—34801
CdTe, γ-ray spectrometer material, recombination centre parameters 2—34809
CdTe, γ-ray spectrometer mat. characterization by nuclear methods and trapping analyses 2—34810
CdTe, localized levels, elec. and opt. obs. 2—36667
n-CdTe, non-Γ donor levels and electron transfer kinetics 2—33003
n-CdTe, photoconductivity spectra obs. of defect levels before and after electron-irad. 2—36537
CdTe, rel. to metallurgical and electrical properties 2—36500
CdTe, stoichiometry rel. to conc. and type of electrically active defect 2—36536
CdTe, trapping and transport processes, nucl. rad. detector characterization 2—34811
CdTe, trapping problem in γ-ray detection material, conf., Strasbourg, France, June (1971) 2—34808
Cds, ion implanted, shallow hole levels 2—6836
CeRu$_{2-x}$Co$_x$ dil. alloys, localized spin fluctuations, rel. to supercond. 2—1495
Co-M dil. alloys, M=Os, Ru, Ir, Fe, Re, Cr, spin disorder effects rel. to resistivity origin 2—16364
Co, conc. depend. of ^{59}Co spin echo 2—13549
CoO, high temp. defect struct. and transport props. 2—36501
CoO, undoped and Cr- or Ti-doped, defect struct. rel. to elec. props. 2—36502
Cr-W alloy, resonant mode, exchange enhanced scatt. effects 2—40127
CrO$_2$, coexistence of localized and itinerant d-electrons 2—16093
Cu-Au alloy, neutron irradiated, deviations from Matthiessen's rule 2—16144
Cu-Au(Ge)(Ni)(Zn) dil. alloys, anisotropic relax. and low field magnetoresistance 2—1474
Cu-M, alloys, dilute, M=Au, Zn, Ni, Pt, Pd, charge density distrib. around impurities, n.q.r. obs. 2—16666
Cu based dilute alloys, asymptotic behaviour of oscillation of charge density surrounding impurity 2—29608
Cu dil. alloys, asymptotic region of charge density around impurities from n.m.r. obs. 2—20158
CuCl, luminesc., role of isoelectronic impurities 2—13504
CuO$_2$, semicond., surface annihilation of excitons by nonrad. annihilation centres 2—22796
Cu$_2$O, elec. cond., effect of different impurities 2—4212
Fe, charge and spin perturbation around nonmag. impurities 2—22740
FeS, coexistence of localized and itinerant d-electrons 2—16093
Ga$_{1-x}$ Al$_x$As tunnel diodes, Au-Ge doped, photosensitive impurity- assisted tunnelling 2—40304
GaAs:Co, absorp. spectra, optical transitions from valence band to acceptor states 2—33260
GaAs:Cr, photoinjected carrier recomb. and trapping processes 2—33069
GaAs:Cu, Fe, l.f. current pulses, excitation and trapping of deep levels 2—19642
GaAs:Cu, i.r. absorpt., complex nature of Cu acceptor 2—16490
GaAs:Si, implanted, localized vibr. mode absorpt. 2—40664
GaAs:Zn, free carrier conc. profiles in Zn diffused region, Hall coeff. meas. 2—22224
GaAs:Zn, impurity conc. determ. from Hall effect and hole mobility 2—6837

Crystal electron states continued
impurity states and effects continued
GaAs:Zn,Fe, distrib. coeff. at m.p., rel. to donor and acceptor conc. 2—29667
GaAs, acceptor levels, thermostimulated current study 2—10048
n-GaAs, arsenic implantation effects on elec. props. 2—25846
n-GaAs, compensation by proton bombardment 2—25820
n-GaAs, Cu diffused, photoluminesc., donor-Cu complex 2—10439
n-GaAs, deep impurity parameters determ. 2—4242
GaAs, donor states, effective mass theory 2—16229
GaAs, doping, thermodynamic study for case of epitaxial growth 2—3530
GaAs, doping anomalies, analysis by Si-O complex model 2—33004
n-GaAs, doping depend. of spontaneous emission 2—29950
n-GaAs, electron-impurity scatt. time, far i.r. cyclotron resonance obs. 2—19528
GaAs, epitaxial, γ-irrad. damage, energy levels 2—16227
GaAs, epitaxial, photo-, cathodoluminescence determination 2—32364
GaAs, epitaxial layers, donor and acceptor conc. 2—9275
n-GaAs, evapoarated film, trap densities and levels from resistivity, photoconduction and SCL currents 2—40244
GaAs, ground states and photoioniz. of transition metal impurities 2—19672
n-GaAs, hole lifetime doping depend. obs. 2—1514
n-GaAs, hydrogenic donor levels in mag. field 2—10058
GaAs, i.r. absorpt. bands due to localized vibrs. of B and C 2—33263
GaAs, ion implanted, elec. active donors 2—25372
n- GaAs, ion implanted layer props. 2—6838
n-GaAs, ionization inhomogeneities in S-type characteristics 2—25817
n-GaAs, ionized impurity density and mobility 2—13232
GaAs, lifetime of excitons bound to neutral donors 2—29952
GaAs, liquid phase epitaxial, carrier mobility depend. on impurity conc. 2—29104
GaAs, proton irrad., rel. to photocond. 2—36610
n-GaAs, radiative recomb. obs. using impact ioniz. of donors 2—16602
n-GaAs, rel. to carrier conc. depend of i.r. absorpt. 2—29915
GaAs effects of neutron induced metallic spike zones 2—19621
GaAs epitaxial film, effect of prep. conditions 2—35894
n-GaAs epitaxial films, carrier scatt. by impurities, deep levels 2—6812
n-GaAs epitaxial layers, carrier conc. rel. to impurity conc. 2—29685
GaAs epitaxial layers, Cu-contaminated, acceptor levels 2—19669
GaAs epitaxial layers, doping level and impurity distrib., substrate temp. effects 2—18938
GaAs p-n junction, recomb. emission, doping depend. 2—19700
GaAs p$^+$-n solar cell, electron irrad., capacity and defect levels 2—29775
GaAs photoluminescence excitation spectra, capture of hot electrons by ionized donors 2—4527
GaAs solar cell, photoluminesc. spectra, current-voltage characts., impurity influence 2—21012
GaAs with deep acceptors, activation energies 2—40250
GaAs$_{1-x}$P$_x$, electrolum. and elec. props., donor conc. effects 2—29993
GaAs$_{1-x}$P$_x$, rel. to photoluminesc. spectra 2—10440
GaN-Ge epitaxial layers, photolum., carrier conc. depend. 2—36928
GaP:Bi, hot-implant behaviour 2—25432
GaP:C, acceptor concs., ioniz. energy 2—25845
GaP:N, undulation spectra, rotational levels of shallow acceptor states 2—33304
GaP:Si, excitons bound to donors, and donor ground state, optical study 2—36530
GaP:Si,O, donor electron excitations, cond. band effective masses 2—20037
GaP:Te, Zn, epitaxial single cryst., Hall mobility and resistivity obs. 2—40255
GaP:Zn, impurity-to-band activation energies, conc. and temp. depend. 2—10057
GaP:Zn, O, luminesc. centre conc. 2—4478
GaP:Zn,O, recomb. centres characteriz. from photoluminesc. temp. depend. 2—29951
GaP, discrete pair line emission from Ge donor and acceptor 2—36929
GaP, donor-electron transitions assoc. with cond. band minima 2—6832
GaP, dynamical Jahn- Teller interaction effects on e.p.r. of shallow acceptors 2—7119
GaP, epitaxial, minority carrier diffusion length, impurity conc. depend., Schottky diode photocurrent obs. 2—29670
GaP, luminescence, impurity content effects 2—12694
GaP layers on Ge substrates, autodoping effect 2—36507
GaP(Zn,O), absorpt. spectrum, opt. cross-sections of excitation process 2—22797
GaP(Zn,O), liquid encapsulation Czochralski grown, luminesc. and doping characts. 2—22798
GaS, n- and p-type, band scheme from dark cond. obs. 2—29669
GaS crystal, dark cond., temp. depend. 2—25818
p-GaSb:Si, photoluminesc., shallow acceptor obs. 2—7090
GaSb:Te(Zn), correl. between electronic struct. and phys. props. 2—29666
p-GaSb, acceptor and donor levels, photoluminesc. obs. 2—4477
GaSb amorphous film, effect of doping on tunnelling 2—19647
GaSe:Sn(Ge)(Cu)(I), photocond., photolum., recombination centres 2—7093
GaSe, layer semicond., anomalous Poole-Frenkel effect 2—10016
Ga$_2$Te$_3$, impurity conc. depend. of cond. 2—10014
GdAlO$_3$:Er^{3+}, energy level diagram, absorption, luminesc., and stimulated emission obs. 2—33313
Ge:As, e.s.r. line narrowing mechanism 2—26279
p-Ge:Cu, compensation effect on elec. props. under press. 2—19687
Ge:Hg, grown by gas transport, specific resist. 2—29095
n-Ge:Ni, hot electron lifetime temp. depend., photocurrent decay obs., carrier scatt. by impurities 2—29702
Ge:P, γ-irradiated, vacancy-donor complexes 2—29704
Ge:Sb, hypersonic attenuation, temp. dependence, donor electronic relaxation 2—9877
Ge:Sn, radiative recomb. at isoelectronic point defects 2—10429
Ge:Zn, symmetries and deform. pot. consts. of singly ionized Zn 2—29890
Ge-Si alloys, heavily doped, resistivity, electron scatt. by phonon, acoustic and ionized impurity modes 2—32982
Ge, amorphous, trap density distrib., hopping cond., elec. props. 2—4207
n- Ge, compensated, electron-phonon scattering 2—36544
Ge, compensation estimation for heavily doped levels 2—19686
n-Ge, current carriers, dislocations effect, 77-300K 2—22564
p-Ge, detector grade and impurity doped, PCD lifetime meas., temp. depend. 2—29699
Ge, dielec.- metal transition, excitons, photocond. 2—16235

Crystal electron states continued
impurity states and effects continued
Ge, diode, reverse biased, i.r. radiation response, impurity and defect levels detn. 2—19707
Ge, dislocation electronic states, Hall effect obs. 2—25857
Ge, doped, cond., 1.3-4.2K 2—40287
Ge, electron irrad., deep levels associated with defects, rel. to p-i-n struct. form. 2—25888
Ge, electronic states of dislocations, absorpt. study 2—40289
Ge, ground state splitting of double acceptor 2—6848
n-Ge, impurity scatt., energy depend., model 2—10065
Ge, optical charge exchange influence on nonlinearity of I-V characts. 2—13269
n-Ge, phonon scatt. by neutral donors, low temp. 2—6691
p-Ge films, deform. splitting of impurity absorpt. band 2—13476
Ge(Li) detector, Ag doping as hole trap 2—27881
Ge(Li) detectors, preferential electron trapping by Te atoms 2—27882
In, effect of Tl or Hg impurities on Fermi surface 2—6724
p-iNAs, low temp. photomag. effect 2—13347
In$_{1-x}$Ga$_x$P, photoluminesc. assoc. with multivalley resonant states of N isoelectronic trap 2—26219
InP, X$_{1c}$ conduction band and its donor levels, X_{1c}-Γ_{1c} interband energy 2—36851
InSb:Se, Te, S, heavily doped, mobility pressure depend. 2—10020
InSb, electron scatt., electron mobility, band gap, rel. to impurity conc. 2—36509
p-InSb, Hall coeff. field depend., hole scatt. by ionized impurities, 77 K 2—22551
n-InSb, impurity scatt., rel. to frequency conversion of e.m. radiation 2—10050
n-InSb, impurity scattering mechanism, drifted Maxwellian approach 2—22536
n-InSb, laser cyclotron resonance, pulsed elec. field modulated 2—9948
n-InSb, scattering on short-range potential centres 2—10021
InSb amorphous film, effect of doping on tunnelling 2—19647
In$_2$Te$_3$, impurity conc. depend. of cond. 2—10014
KBr, F-centre asymptotics of weakly bound electron wave function 2—32552
KBr (I), u.v. excitation, thermally stimulated cond. obs. 2—19074
KCl:Li$^+$, tunnel-splitting of levels, thermal expansion obs. 2—16055
KCl:Pb laser window, 10.6μ absorpt., impurity effects 2—16416
KCl, F-centre, asymptotics of weakly bound electron wave function 2—32552
KH$_2$PO$_4$:D, KD$_2$PO$_4$:H, ferroelec., zero-temp. Green function method 2—19765
KI:KOH, microwave absorption, 8 to 40 GHz, 1.3K 2—13479
LaBr$_3$:Tb^{3+}, absorpt. and fluorescence. spectra, Tb^{3+} excited states determ., 77K 2—36946
LaCoO$_3$ and La$_{0.5}$Sr$_{0.5}$CoO$_3$, coexistence of localized and itinerant d-electrons 2—16093
La$_{0.7}$Cr$_{0.3}$MnO$_3$, coexistence of localized and itinerant d-electrons 2—16093
LaF$_3$:Nd^{3+}, LaF$_3$:Er^{3+} concentration quenching of luminescence and doping 2—10424
LaRuO$_3$, coexistence of localized and itinerant d-electrons 2—16093
Li$_2$B$_4$O$_7$ glass, thermoluminesc. processes, trapping centres, e.s.r. obs. 2—29976
LiBr-NaBr solid solutions, rel. to absorpt. obs., 6-9.5 eV, comp. depend. 2—16493
LiF:H, CNDO treatment of U-band 2—13088
LiF:Mg, thermoluminesc., continuous trapping model, trap parameters 2—29971
LiF:OH, thermoluminesc., OH ion effects 2—29977
LiF:OH, thermoluminesc., OH ion effects 2—29977
LiF, electron trap props., annealing and irrad. effects, thermoluminesc. obs. 2—29981
LiF, moment anal. of mag. circular dichroism assoc. with allowed electronic transitions of impurity F-centres 2—10306
LiF, radiothermolum., trap elimination by Na incorporation 2—27903
LiF, thermoluminesc., fading, trap model 2—29972
LiF, thermoluminescence, exposure response, deep traps effects, trap models, 300-823K 2—29979
LiNbO$_3$, ferroelec., intrinsic and impurity cond. 2—1518
MnF$_2$:Co^{2+}, antiferro- and paramag. phases, Raman scatt. by localized modes 2—16530
MnO:Li, Hall mobility of electrons, high temp., ionized impurity influence 2—10025
NaCl:Br$^-$, localized excitons, luminesc. at 4.0 eV and 5.15 eV 2—16610
NaCl:F, i.r. absorp., impurity pair resonant modes 2—22774
NaCl:OH$^-$(CN$^-$), tunnel-splitting of levels, thermal expansion obs. 2—16055
NaCl, F- centre asymptotics of weakly bound electron wave function 2—32552
NaI, impurity photocond. due to excitonic-energy transfer 2—16314
NaOH ice, γ-irradiated, ESR spectra of trapped electrons meas. structure of trapping site determ. 2—16645
Nb-Mo alloy, with Fe impurity, localized mag. momemt 2—36847
Nb, supercond. rel. to charge transfer, X-ray photoelectric spectroscopy obs. 2—22505
Nb$_2$O$_5$, in m.i.m. struct., metallic impurities, dielec. relax. and tunnelling obs. 2—10099
Ni-Co alloys, f.c.c., carbon influence on electronic sp. ht. 2—16114
Ni-Cr dil. alloy, s-d hybridization and virtual bound state 2—16110
Ni-Cr(Fe) alloys, dil., two-current cond. processes and spin mixing 2—1486
Ni-Cu, ferromag. alloy, analysis of structure of spectra, localization of excess electrons around solute atoms 2—4558
Ni-Ga, ferromag. alloy, n.m.r. study, localization of excess electrons around solute atoms 2—4558
Ni-Zn, ferromag. alloy, analysis of structure of spectra, localization of excess electrons around solute atoms 2—4558
Ni, mechanism of decrease of saturation magnetization from calc. of electronic struct. of non transition element impurity atoms 2—6726
Ni alloys, dil., interaction energy between two impurities 2—1458
Ni dil. alloys, extraordinary Hall effect, transition metal impurity effects 2—19549
NiO, single cryst., photocond., Ni^{2+} vacancies 2—10138
p-Ge, impurity ionization by hot electrons, electron temp. calc. 2—4120
Pb$_{1-x}$Ge$_x$Te, effect of alloying on energy gap. calc. 2—22552
PbI$_2$, ambient sensitive semiconduction, O$_2$ chemisorption 2—19650

Crystal electron states continued
impurity states and effects continued
n-PbS, Nernst effects, scatt. mechanisms, 1-80K 2—25949
$Pb_{1-x}Sn_xTe$, effect of alloying on energy gap, calc. 2—22552
PbTe:Gd, mag. characts., localized moments 2—33141
PbTe:Gd, mag. characts., localized moments 2—33141
Pd alloy, band struct., transport props., rel. to impurity scatt., model 2—40183
Pt-Fe dil. alloys, spin fluctuation effects in resist. 2—36445
α-Pu, mag. susceptibility, localized moments 2—19835
Rh, resist. anomaly due to dil. mag. impurities 2—25770
Sb_2S_3, local levels in the forbidden band, photocond. obs. 2—40262
Sb_2Te_3:I, elec. cond. mechanism 2—19651
Se:Cl, As, amorphous film, hole and electron range control 2—10032
Se, liq., Poole-Frenkel effect 2—1115
Se photocell, thermally stimulated current, energy spectrum of localized centers 2—29687
Si:Al, core correction to ground state energy 2—40294
Si:Au acceptor state, resolution of an anomaly 2—19689
Si:Au junction, reverse-biased p^+-n, freq. response of Au centres in depletion layer 2—33028
p-Si:B, electron irrad. produced defect levels 2—12752
Si:B, hole capture by neutral B atoms, hole conc. and lifetimes 2—16243
n-Si:B, implanted, acceptor conc. obs. 2—25868
Si:B,Au, electron irrad., annealing, elec. cond., Hall effect 2—10070
Si:B implanted, acceptor profiles, damage depth distrib. 2—6504
Si:B implanted, annealing behaviour and elec. props. 2—33016
Si:B implanted, deep level centre obs. 2—4231
Si:B ion implanted, elec. profile and annealing behaviour 2—25867
Si:C, conc. effect on thermal donor formation 2—19117
Si:Cu n^+-p junction, characts., dopant conc. profile 2—25890
Si:Fe, donor level obs. 2—1533
Si:In, implanted 2—6852
Si:In, Sb ion implanted, conc. profiles, enhanced diffusion and elec. props. 2—25439
Si:In ion implanted, ionization energy detn. 2—25872
Si:In ion implanted, mobility, resistivity, and carrier conc. 2—25871
Si:Li,B, ion pairing and ground state degeneracy, resistivity and Hall effect obs. 2—36053
Si:Li neutron irradiated and heat treated, carrier removal effects 2—19652
Si:Mg, excitation spectra and piezospectroscopic effects of donors 2—10338
n-Si:P, e.s.r. parameters, spin susceptibilities, impurity scatt. spin relax. 2—22835
Si:P, elec. active damage in hot implantations 2—25869
Si:P, exchange coupling in donor atom clusters, e.s.r. study 2—20150
Si:P, first order Stark effect in impurity photocond. 2—10140
Si:P, impurity photocond., influence of phonons 2—33075
n-Si:P,Fe, acceptor levels and vacancy-interstitial interaction 2—6485
Si:P ion implanted, deep localized energy levels obs. 2—25870
Si:P ion implanted, profiles and elec. activity 2—25866
Si:S^+, LCAO MO treatment 2—10074
p-Si:Zn, P, photodielec. effect, polarizability of neutral atoms 2—13343
Si/spinel, heteroepitaxial, carrier recomb. and trapping, transient response to elec. irrad. 2—25860
n-Si-Fe, recombination at Fe atoms and thermally generated lattice defects 2—36549
Si-SiO_2 interface, nonuniform lateral ionic impurity distribs. 2—40313
Si, Be and Be-Li acceptor level complex obs. 2—33019
Si, defect annealing obs. by space-charge-limited current 2—33020
Si, diffusional doping with B, p and As, sheet resist. , junction depth, surface conc. 2—39712
Si, effect of dislocations on I-V characts., of m.o.s. struct. 2—36573
n-Si, electron irrad., influence of O_2 vacancy`complex (A-centre) on piezoresistance 2—25861
Si, electron irrad., low temp. a.c. hopping cond. 2—29170
Si, ion implanted, defect energy levels detn. 2—25865
Si, ion implanted dopants, rapid electrical profile meas. using ion beam etching 2—19116
Si, isolated interstitials and band gap obs. 2—40143
Si, N-N^+ epitaxial layers, impurity profile estimation near interface 2—15779
Si, p-n junction, trap parameters, thermally stimulated capacitance obs. 2—25886
Si, p-type, neutron damaged, calc. of reverse annealing from equilibrium cluster theory 2—19690
Si, p-type diffusion using boric acid in methanol as impurity source 2—36057
Si, photo cond., radiation induced defects obs. 2—25959
Si, radiation-induced absorpt. bands, piezospectroscopic obs. of group V—defect complex 2—16499
Si, S^+ donor, electronic structure by semiempirical LCBO method 2—29710
Si, u.s. attenuation by acceptor holes 2—13037
Si bolometer, compensated impurity cond. role in performance 2—11371
Si deep energy impurities, In, Ni, Au, hot carrier impact ionization 2—36545
Si junction f.e.t., neutron radiation effects, defect formation in space-charge region rel. to characts. degradation 2—10093
Si junction f.e.t., trapping centre production 2—19712
SiAs, melt grown, acceptor level detn. from elec. props. 2—10033
SiC:In, implanted, backscatt. analysis, disorder and p-type cond. 2—25827
SiC:N, i.r.absorpt. and thermally stimulated luminesc. due to impurity level nonequiv. population 2—13481
n- SiC polytype, i.r. impurity absorp. bands 2—16498
α-SiCiN, impurity adsorpt., electron transitions 2—7073
SiO_2, thermally grown, Poole-Frenkel cond. 2—40306
SiO_2 m.o.s. structures, positive space charge formation due to v.u.v. effects 2—19741
SiO_2 noncrystalline, defect structure and irradiation behaviour 2—19733
SiO_2 short term annealing, model of trapped positive charge involving thermal release 2—19732
SiO_x, reactively evaporated film, e.s.r. study of centres for Poole-Frenkel emission 2—1726
SiO_x films, doped and undoped, Poole-Frenkel effect 2—1527
SnO_2:Sb, rel. to anomalous press. depend. of resist. 2—16213
SrO, donor levels, from elec. props. and thermionic emission 2—29659
Ta_2O_5, film, in m.i.m. struct., Poole-Frenkel effect 2—6872
Te:Ag(Sb) layers 2—36046

Crystal electron states continued
impurity states and effects continued
Te:Sn, mobility and microhardness, impurity conc. depend. 2—13239
Te, acceptor states, Hall effect obs. 2—10053
Te, impurity levels 2—29688
Te, rel. to temp. depend. of microwave absorpt. 2—25844
Th-U dil. alloys, localized spin fluctuations, rel. to supercond. 2—1494
ThCe alloys, (2-8 at.%Ce), impurity contribs. to resistivity and thermopower, models 2—13113
TiO_2:Fe^{3+}, photocond. spectra 2—10141
TiO_2, rutile, field induced donor migration, rel. to dielec. loss mechanism 2—22608
TlCl:P, deep trap levels, rel. to i.r. irrad. effect on luminesc. 2—10430
$TlGaS_2(Se_2)$, ionization energy of impurity centres 2—29677
$TlInS_2$, ionization energy of impurity centres 2—29677
VO_2:Ti, impurity state electron lifetime, e.s.r. line broadening obs. 2—10037
$VO_{1\|x}$, rel. to mag. susceptibility 2—36782
VO_2; Ti, impurity conduction, microwave freq. cond. obs. 2—19655
W-Re alloy, annealing, plastic deformation, positron annihilation 2—22483
YAG:Er, Ho, Tm, energy transfer process between Er^{3+} and Ho^{3+}, temp. and conc. effects, fluoresc. spectra obs. 2—26240
YIG:Si, a.c. hopping cond. mechanism 2—13242
Y_2O_3:Eu^{3+}, energy transfer, fluorescence decay curves time-resolved study 2—22803
Yb, e.p.r. of Eu^{2+}, dynamical effects, Ca impurity effect 2—22836
Zn-M extremely dil. alloys, M=Cr, Mn, Fe, impurity effects rel. to resist. obs. 0.4-30 K 2—16148
$Zn_xCd_{1-x}S$:Ag,Ni, trapping states, rel. to thermolum. 2—4480
$ZnGeP_2$, crysts., p-type, acceptor energy level, Hall effect, thermoelec. power 2—13245
$ZnIn_2S_4$, photocond. quenching due to hot electron capture, electric field variation 2—36614
ZnO, stimulated emission and excited states of donor electron 2—4481
ZnO, surface traps rel. to effects of excited O_2 at surface on conductivity 2—16317
ZnS:Cu,Cl phosphor, electrolum., charged imperfections effects 2—36967
ZnS:Mn, elec. cond. mechanism 2—13243
ZnS:Ni, ion-hole complexes formed in charge exchange between impurities 2—29956
ZnS-Ni, absorption spectra, charge transfer band region, bound state formation 2—36889
(ZnS, ZnO):Cu, Cl electroluminors, binderless electroluminescence, carrier injection mechanism 2—29995
ZnS, comparative study of thermally, stimulated voltaic effects and luminescence, role of traps and luminescence centres 2—16301
ZnS, trap centre properties, conduction and thermoluminescence study 2—20112
ZnS phosphor, rel. to low temp. electrolum. 2—26252
ZnSe-Ni, absorption spectra, charge transfer band region, bound state formation 2—36889
ZnTe:Al, defect levels assignment, elec. transport and photoelectronic props. 2—13244
ZnTe:Ga, rel. to negative photocond. 2—33078
ZnTe:In, O, luminesc. due to self-activated centres 2—20106
ZnTe-CdTe solid solution, rel. to negative photocond. 2—33077
ZnTe, electron trapping-detrapping effect in cond. band, hydrogenlike donor obs. 2—13263
ZrO_2-Cr_2O_3(-CaO), electrodiffusion, electronic defect model, anion vacancy point defects 2—9630

plasma
alkali metal film, photoemission obs. of collective electron oscillations 2—16329
antiferromagnet, semiconductor and metal, electromagnetic fluctuations in a mag. field 2—6989
bounded system, electron beam interaction 2—6742
collision dominated, interaction of randomly phased vibrational waves 2—1428
Compton scatt., plasmon effects 2—6746
conducting media, Hall waves 2—1479
conductor, damped wave size effect, carrier mobilities 2—32905
damping rate of plasma waves, calc. 2—32903
electrical cond., impurity scatt. in presence of e.m. field, impurity conc. effects 2—16081
electron fluid, in mag. field, light scatt. theory 2—36849
electron gas, interacting, coupling of acoustic and cyclotron waves 2—9944
electron-hole, drifting, parametric excitation of density waves 2—9946
electron-plasmon scattering, effect of lattice periodicity on scattering processes 2—29607
electron-plasmon scattering processes, dependence of lattice periodicity contribution on form of Fermi surface 2—32904
e.m. wave propagation, nonlinear theory 2—4142
e.m. waves, dispersion relation 2—32888
excitation, by low energy electrons, rel. to energy loss of electrons 2—1444
graphite, strong plasmon coupling in appearance pot. spectrum 2—16594
instability in spatially homogeneous systems of electrons in mag. field 2—6744
lamellar cryst., u.v. spectra obs. 2—10343
magnetoactive, electromagnetic excitation with opposite polarization to helicon 2—16117
magnetoplasma, sound amplification, nonlinear theory 2—32839
magnetoplasma interference effects in cyclotron reson. 2—4138
metal, angular size effect in inclined mag. field 2—13099
metal, e.m. wave propagation, non-local regime 2—16120
metal, plasmon contribs. to opt. props., non-local effects 2—16413
metal, surface plasmon coherent excitation by charged particle scatt. 2—32899
metal, surface plasmon excitation, field ion spectroscopy applic. 2—16123
metal, surface plasmon spectrum, field ion microscopy applic. 2—16122
metal, surface plasmons and image potential 2—22476
metal particle, in transparent medium, surface plasmon energy calc. 2—40152
metal surface, plasmon creation by photons 2—4427
rel. to metal-insulator transition, theory 2—40236
metallic particles, submicron size, plasma resonance description of white light scattering characteristics 2—13471
metallic slab, harmonic oscillations in surface impedance 2—16118
metallic spheres, surface plasmon excitation 2—16072

Crystal electron states continued
plasma continued
metals and semiconductors, plasma excitation studied in spectrum of secondary electron emission 2—33094
nondegenerate system, collision controlled light scatt., response rel. to fluctuations 2—16121
oscillations, nonequilibrium distribution functions 2—40149
piezosemiconductor, plasmon-enhanced sound amplification 2—36346
pinch, non-stationary, electron-hole semicond. plasma 2—4141
plasma gain peaks in Auger spectra, time mechanism 2—6924
plasmon emission in appearance pot. spectroscopy 2—16593
plasmon satellites and fast electron-plasmon coupling 2—36426
plasmoris, quantum mech. modulation of electron beam 2—14386
review 2—19524
semiconductive, electron beam interaction with helicons, helicon amplification 2—40154
semiconductor, anisotropic band struct., non-equilib. plasma osc. 2—10003
semiconductor, magnetoplasma quasielastic light scatt. 2—16448
semiconductor, many-valley, light scatt. cross section 2—16515
semiconductor, non-stationary pinch, electron-hole plasma 2—4141
semiconductor, polar, surface plasmon-phonon interaction 2—9947
semiconductor, quasineutral wave instability for field depend. electron density case 2—13205
semiconductor, reflectivity of helicon modes, localized carrier distrib. influence 2—10059
semiconductor, self-magnetoconc. effect 2—33012
semiconductor, stimulated plasma wave Raman scattering 2—16517
semiconductor film, surface plasma losses, dispersion 2—29691
semiconductors, parametric excitation of density waves, direct conversion of photons into plasmons 2—13200
superconducting transition-metal systems, relation of anomalies in phonon dispersion curves to acoustic plasmons 2—25771
surface plasmon, variational calculation of dispersion relation 2—36425
surface plasmon effects, expt. obs., review 2—16119
surface plasmon excitation, rel. to electron-solid interactions 2—25171
surface plasmon excitation by electron tunnelling 2—1469
surface plasmon modes, zero point energies, Van der Waals force between conducting spheres 2—13096
surface plasmons, half-space models and RPA theory 2—13100
temperature gradient-induced instability 2—29606
tetracyanoquinodimethane ion-radical salts, plasma oscillations of electrons 2—1682
thin conducting slabs, absorption spectra, influence of plasma waves 2—36864
transition metals, charact. energy loss spectra, theory 2—6743
two-component and systems with short-range interactions, phononlike surface modes 2—40153
Ag-Au alloys, energy loss spectra of electrons, maxima interpreted as surface and volume plasma oscillations and interband transition 2—19958
Ag, electron irrad., radiation emission rel. to surface plasmon excitation 2—4085
Ag film, oscillations, piezorefl. obs. 2—29893
Ag film, photoemission from optically excited nonradiative surface plasma oscillations 2—13357
Ag film, reson. effect in photoemission 2—16328
Ag films, transition radiation ang. distrib., reson. behaviour near plasma freq. 2—33229
Al, plasmon excitation by photons, effects of different roughnesses 2—13102
Al, radiative decay of surface plasmons, photon emission 2—33251
Al, standing helicon wave resonance spectra, relax. time determ. 2—13103
Al, surface plasmon dispersion relation 2—32891
Al, surface plasmon excitation by photons, effects of surface roughness 2—16464
Al films, surface plasmons, photoemission obs. 2—4131
Al films, surface plasmons and roughness-induced light scatt. 2—4130
Al supercond. strips, collective excitations 2—13156
As, i.r. reflectivity, plasma reson. freqs. 2—7063
Au, direct optical coupling to surface plasmons 2—33239
Au films, charact. electron energy loss spectra, collective surface oscillations 2—16124
Bi, Alfven wave second harmonic generation 2—40156
Bi, damped wave size effect, carrier mobilities 2—32905
Bi, magnetosonic-elec. effect 2—16125
Cr, charact. electron energy loss spectra, plasma losses 2—19526
Cs film, photoemission obs. of collective electron oscillations 2—16329
Dy, charact. electron energy loss spectra, plasma peaks 2—1470
GaAs, refl. wavelength depend., optical phonon-plasmon coupling, Vargas theory 2—36859
n-GaAs, reson. Raman scatt. by electronic excitations, coupled plasmon-phonon modes 2—16538
Gd, charact. electron energy loss spectra, plasma peaks 2—1470
Ge, doped, direct optical coupling to surface plasmons 2—33239
Ge, effect of magnetic field on diffusion of an electron-hole plasma 2—13074
n-Ge, Hall coeff., mobility anisotropy coeff., from helicon reson. freq. meas. 2—25855
Ge, magnetoplasma oscillations of current 2—6843
p-Ge, plasma freq., Drude-Zener formula, valence band interband transitions effects 2—25858
Ge, self-magnetoconc. effect 2—33012
GeTe-SnTe, alloy, film, plasma energy, electron energy loss spectra, electron micorscope obs. 2—4143
InSb, coupled cyclotron-plasmon-phonon modes for sample configs. ranging from Faraday to Voigt 2—22769
p- InSb, decay of injected electron-hole plasmas 2—13235
InSb, intrinsic, plasma compression caused by θ pinch at 300K 2—4189
n-InSb, microwave reflectance, mag. field dependence during helicon wave propagation 2—16601
InSb, pinch channel effective cross-section, microwave measurement 2—25750
n-InSb, pinch effect, Hall and inductance obs. 2—25751
p-InSb, plasmon effects on optical absorpt. coeffs. 2—16491
n-InSb, sausage instability, stabilization by axial mag. field 2—6818
InSb, semiconductor, electronic plasma fluctuations rel. to external elec. and mag. fields 2—16224
InSb, semiconductor effect of electron plasmon coupling on magnetotransmission expts. 2—16424

Crystal electron states continued
plasma continued
n-InSb, surface helicon waves 2—6841
n-InSb, u.s. amplification in electron-hole plasma 2—36343
n-InSb, u.s. attenuation in magnetothermally pinched plasma 2—36340
InSb parametric excitation of density waves, direct conversion of photons into plasmons 2—13200
K, longitudinal plasmons, optically excited 2—10385
K film, photoemission obs. of collective electron oscillations 2—16329
Li, X-ray plasmon scatt., dispersion relation 2—16596
MoS$_2$, u.v. reflectivity, plasma reson. 2—13463
Na, particles, submicron size, plasma resonance description of white light scattering characteristics 2—13471
NbSe$_2$, u.v. reflectivity, plasma reson. 2—13463
Rb thin films, excitation by light, properties of volume and surface plasma oscillations 2—16472
Sb, dispersion of volume plasmon in films of different structure 2—40603
Sb, rel. to optical Shubnikov-de Haas effect obs. 2—22480
Si, free carrier, laser generated optical and elec. props. 2—29876
n-Si, plasma reflectivity minimum, freq. shift due to uniaxial stress 2—33244
Si p-n, junction, mesoplasma, isothermal dynamic I-V characts. 2—40300
Si(111), plasmon excitations, energy depend., low energy electron backscattering 2—6747
Te:Sb, coupled plasmon-LO phonon modes, reflectivity obs. 2—32906
Ti, charact. electron energy loss spectra, plasma losses 2—19526
TiS$_2$, TiSe$_2$ layer-type crystals, non-polar, plasmon processes in 2-10 eV spectra 2—20005
V, charact. electron energy loss spectra, plasma losses 2—19526
W, LEED, inelastic energy losses, plasmons 2—25186
polarons
acoustopolaron eval. and magnetoplasma interference effects 2—4138
bound in Coulomb potential, ground state energy shift 2—32898
n-CdSe, conduction band edge, magnetophonon effect 2—19661
chalcogenide glasses, small polaron hopping motion, investigation via measurements of charge transport processes 2—32986
effective mass enhancement of electrons due to phonon-magnon interactions 2—36423
energy spectrum for polaron bound to Coulomb centre 2—6741
energy-momentum relation, Green's function theory 2—25744
homopolar crystal, condenson energy and mass, velocity depend. 2—40148
insulator, Toyozawa's electronic polaron model, rel. to electron states 2—40136
internal excited states, stabilization by mag. fields 2—25745
mixed valence semiconductor, rel. to hopping transport 2—9997
optical, in strong elec. field, runaway effect 2—29604
optical absorpt., Feynman-Hellwarth- Iddings-Platzman approx. 2—26155
optical absorption, at weak coupling 2—1684
piezoelectric, energy spectrum calc. 2—13098
piezoelectric crystal, pieozpolaron energy and mass, velocity depend. 2—40148
Raman scatt. of phonons induced by polarons 2—16520
scattering by F-centres, effective cross-section 2—9598
self-trapped paramagnetic spin polaron 2—22472
semiconductor, ferromag., electron-spin interaction influence on small polaron transport 2—6740
semiconductor, ferromag., energy spectrum and mobility of small polaron, s-d interaction influence 2—6739
semiconductor, polaron- polaron interaction, theory 2—25743
semiconductor, Seebeck effect of paramag. polaron 2—10133
semiconductors, n-type, polaron effects on light scattering by coupled Landau level LO phonon system 2—26185
small polaron theory, diagrammatic techniques 2—9943
small polaron transport and narrow band semiconduction, review 2—9998
transition, large to nearly small 2—4139
transition metal oxide, interpretation of d.c. and optical props., review 2—9999
transition metal oxide, large and small rel. to charge transport 2—10028
AgBr, polaron cyclotron reson., temp. depend., energy depend. of cyclotron mass, 1.7-25K 2—22473
AgBr, polaron self-energy, temp. depend. 2—22474
CoAl$_2$O$_4$, transport phenomena 2—25814
Cu$_{0.75}$Ni$_{0.25}$Fe$_2$O$_4$, polaron hopping 2—1513
GaP, polariton dispersion and damping, temp. depend., nonlinear spectra 2—4463
KCl, elastic scatt. by F-centres, effective cross-section 2—9598
LiNbO$_3$, polariton eigenfrequencies and eigenvectors, calc. in long optical phonon limit 2—22475
LiTaO$_3$, temp. dependence of polariton dispersion 2—1698
NaI, V$_k$-polaron diffusion obs. from opt. anisotropy decay 2—22233
RbI, V$_k$-polaron diffusion obs. from opt. anisotropy decay 2—22233
Se amorphous film, elec. cond. mechanism 2—25826
TlCl, electron polaron mass. 2—25752
V$_2$O$_5$-P$_2$O$_5$ glass, polar conduction and i.r. absorption 2—10039
VO$_x$, temp. independ. Seebeck coefficient obs. 2—10055
surface
adsorbed layer, field emission energy distrib. 2—18954
adsorbed layer, Hubbard's Hamiltonian, electronic struct. and binding energy 2—12680
anthracene, single crystal, surface trapping, photoinjection obs. 2—13248
anthracene, triplet exciton generation at surfaces, effect on defect production 2—25740
book 2—18892
charge coupled devices, fast interface state losses, simple model 2—33041
Dirac surface state, existence 2—6730
electron scatt. in elec. and mag. states by surface roughness 2—6731
ferromagnetic film, thin, inhomogeneity model 2—1637
field evaporation theory, models 2—28996
film, thickness depend. 2—13081
group IIB-VIA semiconductors, charging rel. to upper d-levels from X-ray and u.v. photoelectron spectra 2—36633
interface region electron- electron interaction, interface excitation 2—9936
ion-metal interaction, dynamics inclusion 2—6308
magneto-surface impedance of metals and surface scattering effects 2—40165
metal, electron structure, positron annihilation obs. 2—36419
metal, electronic wave functions, phase rule 2—32889
metal, magnetic susceptibility in plates, role of tangential electrons 2—25989

Crystal electron states continued
surface continued
metal, nearly free-electron, intrinsic state energies, density of states 2—32890
metal, plasmon coherent excitation by charged particle scatt. 2—32899
metal, plasmon excitation, field ion spectroscopy applic. 2—16123
metal, plasmon spectrum, field ion microscopy applic. 2—16122
metal, plasmons and image potential 2—22476
metal, rel. to work function calc. 2—39455
metal, role in adsorption, quantum theory 2—15676
metal, rough, photon interactions 2—4427
metal, screening of external fields and excess charge distrib., jellium model 2—25737
metal film, specularity coeff. of surface scatt. 2—3508
metal particle, in transparent medium, surface plasmon energy calc. 2—40152
metallic slab, harmonic oscillations in surface impedance 2—16118
metallic spheres, surface plasmon excitation 2—16072
m.i.s. capacitor Cole-Cole plotting of surface state admittance 2—10100
m.i.s. device, interface state density meas., capacitance derivative method 2—29735
m.i.s. struct., fast surface spectrum, obs. by differential C-U method 2—33040
m.i.s. structs., interface elec. props., irrad. effects 2—40315
molecular cryst., charge-carrier injection, metal or electrolyte interface, theory 2—36520
m.o.s., surface mobility, effects of radiation and oxide metal interactions 2—19731
m.o.s. device, interface states, charge pumping study 2—10104
m.o.s. structure, surface states response, influence of recomb. dynamics 2—33043
m.o.s. structures effect of crystallographic orientation of Si substrates on the effective surface state charge density 2—25909
phononlike surface modes in two-component plasmas and systems with short range interactions 2—40153
photo-field-emission technique 2—22656
plasmon effects, expt. obs., review 2—16119
plasmon excitation, rel. to electron-solid interactions 2—25171
plasmon excitation by electron tunnelling 2—1469
plasmon modes, zero point energies, Van der Waals force between conducting spheres 2—13096
plasmons, half-space models and RPA theory 2—13100
positronium atom weakly bound states 2—9296
semiconductor, boundary layers, surface states rel. to surface struct. 2—33005
semiconductor, carrier wave motion, transverse diffusion effects 2—19673
semiconductor, chemisorption states, effect on elec. cond. 2—18956
semiconductor, cond. oscillations in surface layers under quantizing mag. fields 2—6800
semiconductor, electron- beam excited minority carrier diffusion profiles 2—32958
semiconductor, electronic phase transitions and instability phenomena in chemisorption 2—6839
semiconductor, elemental, surface recombination, rel. to diffusion coeff. 2—1509
semiconductor, polar, surface plasmon-phonon interaction 2—9947
semiconductor, reflectivity of helicon modes, localized carrier distrib. influence 2—10059
semiconductor, self-consistent potential, elec. and mag. fields effects 2—10061
semiconductor, surface effects on positron annihilation 2—32911
semiconductor, ZnO, surface Fermi level, effect of chemisorbed species 2—4228
semiconductor characterization, influence of surface states 2—22523
semiconductor drifting electrons and acoustic waves coupling 2—22413
semiconductor film, surface plasma losses, dispersion 2—29691
semiconductor inversion layer, quantization of carriers 2—40235
semiconductor-electrolyte interface with electron transfer thro surface states 2—13585
Tamm model, relativistic 2—40130
Tamm states, applied field effects 2—4129
Tamm states, relativistic effects 2—40146
two-dimensional graphite-like struct., energy bands 2—29602
Ag, electron irrad., radiation emission rel. to surface plasmon excitation 2—4085
Ag film, photoemission from optically excited nonradiative surface plasma oscillations 2—13357
Al, intrinsic state energies, density of states 2—32890
Al, plasmon excitation by photons, effects of surface roughness 2—16464
Al, radiative decay of surface plasmons, photon emission 2—33251
Al, surface plasmon dispersion relation 2—32891
Al, surface state energies, band struct. matching method determ., Forstmann-Heine method 2—6732
Al films, surface plasmons, photoemission obs. 2—4131
Al films, surface plasmons and roughness-induced light scatt. 2—4130
Au-InSb oxide-InSb struct., tunnel transitions from traps to surface states 2—13297
Au, direct optical coupling to surface plasmons 2—33239
Au, rel. to electromodulation of reflectivity at Au/electrolyte interface 2—9246
Au ang. distrib. of x-ray induced photoelectrons from C and O surface impurity levels 2—19806
Au films, charact. electron energy loss spectra, collective surface oscillations 2—16124
BeO, energy levels, density of states, Auger spectrum 2—33097
BiOI, adsorption of O$_2$, attachment levels; thermo-stimulated currents 2—6805
CaMoO$_4$, direct optical coupling to surface phonons 2—33239
CdS:Li, exhibiting tap effect, pyroelec. effect, differences in surface charges during cooling and heating 2—19775
CdS/O$_2$ system, chemisorption states, effect on elec. cond. 2—18956
CdS, contrib. to charge transfer at electrode-electrolyte interface 2—13225
CdS, oxygen chemisorption states, effect on elec. cond. 2—32974
CdS, photovoltage spectroscopy study 2—32892
CdS, rel. to light emission associated with high field domains 2—13502
CdS, rel. to wavelength depend. of surface photovoltage 2—13345
CdS, semicond., surface band bending due to chemisorpt. 2—22795
CdS, surface photovoltage study 2—29603
CdS, surface photovoltage study 2—13264
CdS-semiconductor, photovoltage inversion effect 2—6896

Crystal electron states continued
surface continued
CdSe, contrib. to charge transfer at electrode-electrolyte interface 2—13225
CdSe, single cryst., photocond., effects of HNO$_3$ etching 2—16312
Cds-Cu$_{2-x}$S n-p heterojunction, Fermi level localization 2—4247
Co, Auger spectrum, LLM and LMM transitions 2—13361
Cr, oxygen effects, soft X-ray appearance spectra 2—35872
CsBr, ionic crystal, Green's function method calc. 2—36420
Cs$_3$Sb layers, i.r. radiation causing filling or emptying of surface traps causing reversible bending of energy bands at solid surface as explanation of photoemission current anomalies 2—36634
Cu, Auger spectrum, LLM and LMM transitions 2—13361
Cu, mag. levels, microwave reson. obs. 2—36427
p-GaAs, electron beam excited, recomb. processes rel. to spontaneous emission 2—29947
GaAs, surface states, intrinsic, localized, estimation at cleavage plane 2—25848
GaP, cond., contact effects 2—19675
GaP, determination by Raman reflection spectra 2—40693
Ge-electrolyte interface, surface recomb. states 2—22557
Ge, barrier, effect on spectral distrib. of photoconductivity, photoeffect 2—4303
Ge, doped, direct optical coupling to surface plasmons 2—33239
Ge, e.p.r. obs. of clean surfaces 2—30009
p-Ge, epitaxial film 2—16238
n-Ge, laser-excited, carrier relaxation times and recombination, optical obs. 2—16231
Ge, localized states, on (111) plane 2—36543
Ge, photovoltaic effect, surface barriers 2—22649
Ge, surface effects on positron annihilation 2—32911
Ge (110) and (100) surface band structures, computation 2—16230
Ge surface charging by adsorption 2—12648
InAs quantized surface accumulation layer, electron tunnelling 2—13265
InP, cond., contact effects 2—19675
InSb, magnetoconductance oscillations of n-type inversion layers 2—33007
n-InSb, surface helicon waves 2—6841
Na, abnormal absorpt. maxima 2—16495
Nb, electron levels rel. to surface oxidation 2—22505
Nb thermionic electron emission, surface barrier determ. 2—4322
Ni, oxygen effects, soft X-ray appearance spectra 2—35872
Ni (111), characteristic energy loss of surface scattered slow electrons 2—28991
Pb(Zr.Ti)O$_3$ ceramic/Ge wafer layers, surface acousto-electric amplification 2—19677
Sb, magnetic surface levels, in tipped magnetic field 2—19518
SbSI, adsorption of O$_2$, attachment levels, thermostimulated currents 2—6805
Sc, Auger spectrum, LLM and LMM transitions 2—13361
Si/SiO$_2$ system, surface charge density analysis with oxygen and nitrogen annealing 2—1529
Si-SiO$_2$, interface density and pot., v.l.f. m.o.s. capacitance meas. 2—6833
Si-SiO$_2$, interface state parameters, m.o.s. capacitor obs. 2—40320
Si-SiO$_2$, surface electron transport in m.o.s.f.e.t. and m.o.s. devices, paramag. centre effects, e.p.r. obs. 2—10095
Si-SiO$_2$ interface, nonuniform lateral ionic impurity distribs. 2—40313
Si-SiO$_2$ interface, surface state annealing parallel to B$_2$ centre annealing in irrad. SiO$_2$ 2—40312
Si-SiO$_2$ interface states, generation and distrib. obs. using bias temp. treatment 2—29737
Si-SiO$_2$ system, recombination and trap centres 2—6855
Si, (100), (110) and (111) faces 2—25864
Si, e.p.r. obs. of clean surfaces 2—30009
Si, localized states, on (111) plane 2—36543
Si, m.o.s.t. inversion layer, electron conductivity-mass anisotropy calc. 2—36569
Si, n-type inversion layer, surface quantization 2—40292
Si, surface transport props., state-of-the-art 2—36547
Si (110) and (100) surface band structures, computation 2—16230
Si (110) surface n-channel m.o.s.f.e.t., conductivity anisotropy obs. 2—16239
Si epitaxial wafer, effect on resistivity measurement using voltage relax. technique 2—29708
Si film, elec. stability, surface states, oxidation effects 2—39521
Si film, epitaxial on sapphire, fast interface states, energy distrib., m.i.s. obs. 2—40293
Si m.o.s.t., interface-state density and mobility ratio obs. 2—16240
SiO$_2$-Si, interface, surface states induced by ion implantation of N$^+$, K$^+$ and Si$^+$ ions 2—25881
SiO$_2$-Si, m.o.s. struct, 20-40 Å oxide film on nondegenerate Si, interface states 2—22601
SiO$_2$-Si, m.o.s. struct., quasi-static technique 2—16253
Ta, thermionic electron emission, surface barrier determ. 2—4322
p-Te, laser-excited, carrier relaxation times and recombination, optical obs. 2—16231
Te, quantim states in accumulation layer 2—16232
Ti, oxygen effects, soft X-ray appearance spectra 2—35872
TiO$_2$, bonding of adsorbed p-benzoquinone, e.p.r., i.r. spectra 2—29058
W, photoemission obs., u.v. region 2—22657
ZnO, effects of excited O$_2$ at surface on conductivity, enhancement via energy transfer 2—16317
ZnO, electronic, LEED and Auger diagnostics 2—29012
ZnO, one-equivalent adsorbates, intergranular contact resist 2—6840
ZnO, polar surface, stabilization LEED study 2—18924
ZnO, surface Fermi level, effect of chemisorbed species 2—4228
ZnO catalyst., chemisorption of CO oxidation reactants, a.c. cond. 2—25830

transport processes
actinide metals and cpds., spin fluctuations and anomalous resist. 2—40409
alloy, dil., low temp. resist., Umklapp effects 2—19539
alloy, dil., low temp. thermopower due to phonon-drag induced electron diffusion 2—1579
alloy, dil. nonmagnetic, cond. electron scatt., kinetic equation 2—13069
alloy, dilute, low temp. resistivity, impurity and electron phonon scatt. 2—16134
alloy, disordered, pair effects 2—22453
alloy, disordered binary, effect of s-d hybridization on cond. 2—13109
alloy, Kondo resist. suppression due to electron-impurity scatt. 2—1453

Crystal electron states continued
transport processes continued
alloy, spin fluctuation resist. 2—16132
β-alumina, $MAl_{11}O_{17}$, electronic transference no. rel. to solid electrolyte suitability 2—10632
amorphous semiconductor, anomalous relative sign of Hall and Seebeck coeff. 2—22519
amorphous semiconductor, electrical props., review 2—13215
amorphous semiconductors, electron correlation effects on low temperature thermodynamics 2—13213
anthracene, electron and hole generation 2—36521
anthracene, low mobility organic crystal, review 2—13246
anthracene, single cryst., field dependent electron and hole losses, drift current pulse obs. 2—13247
anthracene, single crystal, photoinjection obs. of surface trapping 2—13248
anthracene, X-ray excited electron-hole pairs, geminate recombination 2—10040
anthracene film, space charge limited currents with uniform and non-uniform trap distrib. and size effects 2—40266
aromatic single crystals, excitation of triplet excitons by guest-host energy transfer 2—4135
Boltzmann equation, and derived equations 2—29588
Boltzmann equation, for electrons in strong elec. field, perturbation theory 2—22450
book at undergraduate level on statistical thermodynamics 2—13068
n-CdSe, conduction band edge, magnetophonon effect 2—19661
charge carrier mobility in inhomogeneous semiconductor 2—4099
charge transfer complexes, conductivity and e.p.r. obs. 2—10526
charge-control model, integral, for bipolàr transistors, hot carrier effects 2—36560
conductivity of correlated electrons, calc. 2—40236
copper phthalocyanine films, minority carrier generation by i.r. radiation 2—6907
coronene, calculation of band structure and carrier mobilities 2—25727
current gradient instability, nonlinear theory 2—9915
defect electronics in semiconductors, book 2—5111
dielectric, electron injection from metal electrodes 2—4256
diode, electroluminesc., carrier recomb., recomb. rad. intensity 2—19705
diphenylpolyene, film, trap distrib., space charge limited current obs. 2—40267
disordered material, d.c. conductivity, temp. depend. 2—4101
disordered system, functional analytic study 2—22462
disordered system, theory 2—16102
disordered systems, cond. mechanisms 2—10132
effective mass enhancement of electrons due to phonon-magnon interactions 2—36423
elctrical resistivity theory, continued fraction exp. of time correlation func. 2—19502
electrical conductivity by dynamics of nuclei, relations between correlation functions in closed system 2—17270
electron energy in cryst. mag. field 2—36397
electron scatt. in elec. and mag. states by surface roughness 2—6731
electron-impurity interaction, kinetic equations 2—1451
electron-pairing capability of a dieleltric 2—36396
electron-plasmon scattering, dependence of lattice periodicity contribution on form of Fermi surface 2—32904
electron-plasmon scattering, effect of lattice periodicity on scattering processes 2—29607
electrophotographic plate, photodischarge process 2—22635
elemental semiconductor, amorphous 2—19646
energy transfer between impurity molecules, in presence of relaxation 2—40124
ferromagnet, side-jump model applic. to Hall and Nernst effects 2—22484
ferromagnet, two-band, magnon drag contrib. to thermoelec. power 2—1580
ferromagnet , spin half, elec. resist. in critical region 2—25759
ferromagnetic semiconductor, negative differential conductivity 2—4199
film, insulating, dielec. and transport props. 2—40322
film, metal, discontinuous, charge activation theory of cond. 2—40162
film, quantum size effect, direct verification 2—40125
film, space charge limited conduction, image force effects 2—19630
free electron gas, quantum size effects in magnetocond. 2—13101
p-GaSb, carrier conc. reduction in melt grown crysts. 2—25273
glass, doped with transition metal ions, space charge limited hopping cond. 2—40239
graphite, minority carriers, Hall effect and thermoelec. power study 2—36497
graphite, pyrolytic, electrical resistivities from charge carrier transport parameters 2—29661
Gunn domain phenomena, direct microscopic simulation 2—19618
Herzfeld theory of metallic conductivity 2—36437
hot electron energy loss processes and coupling constants 2—13071
ice, polarized, equilibrium structure model rel. to electrical conduction 2—9323
n-InSb, i.r. Faraday rotation, low temp. electron impurity scatt. detn. 2—22729
insulator, surface potential decay due to injected carriers in presence of thermal carriers 2—16259
insulator, with discrete traps, high field and thermally stimulated currents, optically excited 2—22521
insulators, current flow, combined Poole-Frenkel and Schottky effects 2—40238
iterative numerical method for motion eval. 2—29586
layer, thin quantized, electron-charged impurity interaction 2—22456
low mobility materials, conf., Eliat, Israel, Apr. 1971 2—9996
magnetic system, anomalies due to cond. electron scatt. by critical fluctuations 2—40122
metal, angular size effect in inclined mag. field 2—13099
metal, effects on shock compression 2—39769
metal, impure, anomalous electron-phonon props. 2—6755
metal, localized electrons and interactions with local modes 2—19537
metal, low temp. thermopower, oscill. temp. dependence explained 2—16135
metal, low-temp. elec. cond. and phonon drag 2—22486
metal, nearly free electron model, point defect scattering 2—25717
metal, noble, small angle scatt. and Kapitza law rel. to magnetoresist. 2—9950
metal, residual resistance, impurity screening, Thomas-Fermi method 2—9951

Crystal electron states continued
transport processes continued
metal, scattering processes at the Fermi surface, dHvA obs. 2—16097
metal, sound propagation, generalized transport eqns. taking account of electron- electron interactions 2—40059
metal film, longit. magnetoresist. and partially specular boundary scatt. 2—25756
metal film, size effect 2—29612
metal film, specularity coeff. of surface scatt. 2—3508
metal film on dielec. substrate, pot. barrier height and tunnelling electron mass 2—1452
metal films, isotropic thin, electron transport 2—4098
metal layers, thermal props. and i.r. absorbing power of Bi, Sb, Sn, Ag and Au 2—19448
metal- insulator system, transient internal photoemission of carriers 2—13209
metal-nonmetal transition, rel. to electrons in narrow bands, Hubbards model 2—40134
metals, calc. of elec. fields induced by Earth's gravitational field 2—22449
metals, Lorentz corrections in elec. cond. 2—19538
3-methylpentane, electron drift mobility in solid, photoinjection method temperature effects 2—22460
m.i.m. struct., zero bias anomalies due to paramag. impurities 2—13070
minority carrier heating under strong electron-hole interaction conditions 2—6844
mixed valence semiconductor, hopping transport 2—9997
molecular cryst., charge-carrier injection, metal or electrolyte interface, theory 2—36520
m.o.s. inversion layer mobility, theory 2—22553
noble metals, cond. electron scatt. obs. using de Haas-van Alphen effect 2—16087
noncrystalline systems, review 2—10000
nondegenerate, galvanomag. and thermomag. effects, theory 2—29651
nonlinear galvanomagnetic effects, quantum limited 2—19488
one-dimensional aperiodic solid, elec. cond. calc. 2—22448
one-dimensional conductors, electronic properties by structural disorder 2—29611
orbital theory, teaching paper 2—1448
organic crystal, carrier mobility, Hall effect d.c. measurement technique 2—16215
organic crystals, effect of electron-phonon interactions 2—25720
organic crystals of anthracene type, review 2—25961
organic molecular solid, space charge limited current, effect of carrier dimerization 2—29689
organic semiconductor, upper limit of effective electron mass 2—40228
organic solid, ohmic and space charge limited currents 2—4221
organic solid-state chemistry, conf. Rehovot, Israel, (Sept. 1970) 2—37052
ovalene, calculation of band structure and carrier mobilities 2—25727
p-i-n diode, concentration dependence of excess-carrier lifetime, effect on volt-ampere characteristics 2—29721
percolation transition, general statistical theory 2—13072
periodic deformable lattice, energy spectrum of carriers 2—29587
phenoxatiin, film, thermoelec. e.m.f. and I-V characts. obs. 2—16217
photoconductor, carrier distribs. 2—16307
photoconductor, two dimensional, fluctuation theory 2—25953
photoemitter, electron-electron and electron-phonon scatt. and reflection reflection effects in thin films 2—33087
β-phthalocyanine single crystal, drift mobility, temp. depend. 2—32993
piezoelectric semiconductor, piezoelec. scatt. at high elec. fields, electron energy distrib. function validity 2—9988
plastic, electron induced cond., carrier mobility detn. 2—22543
polar semiconductor, high freq. conductivity 2—9989
poly 4-methyl pentene-1, high field cond. 2—22615
polydiphenylacetylene films, hole mobility 2—1530
polymer, interlinked bonds, carrier conc. and mobility 2—4277
polythene, carrier transport 2—13251
polyvinylcarbazole, photoinduced current decay obs. 2—22648
Poole-Frenkel constant evaluation 2—1524
Poole-Frenkel effect, under space charge limited current conditions 2—19629
Poole-Frenkel emission model 2—4103
PVK:TNF, transient photocond., pulsed light illumination obs. 2—13337
PVK, amorphous, field dependent drift mobilities 2—16201
quantum equation for strong electric fields 2—22455
random system, with short-range correlations, multiple scatt. eqns. 2—22454
rare earth metal, conduction electron enhancement of crystal field potentials 2—10282
rare earth metal, crystalline electric field potentials, conduction electron enhancement 2—10283
recombination lifetime of quasiparticles from tunnel contact obs. 2—6710
rubrene, hole mobility 2—25851
s-d system, extended parquet theory 2—9917
sapphire crysts., electron transfer, storing carries, excitation, thermolum. 2—16628
scattering at impurity centre, causality conditions 2—9916
semi-insulators, trap-controlled space-charge-limited current rel. to Poole-Frenkel barrier 2—40230
semiconducting oxide, with metal or higher valence state oxide inclusions, elec. cond. calc. 2—40241
semiconductor, acoustic generation due to supersonic carrier drift 2—6671
semiconductor, amorphous, charge carrier mobility at mobility edge 2—40237
semiconductor, amorphous, electronic props. and phase transition effects 2—22515
semiconductor, amorphous, Hall conductivity, random phase model 2—16200
semiconductor, amorphous, review of current theories 2—40233
semiconductor, amorphous, switching, thermal effects 2—6794
semiconductor, anisotropic, excess-carrier transport 2—36488
semiconductor, anisotropic non-degenerate, scatt. mechanisms, from n and k freq. functions 2—10298
semiconductor, anomalous Hall effect for polarized electrons, Kane model calc. 2—22525
semiconductor, carrier local drift mobility, pulse method 2—13206
semiconductor, carrier waves, non-isothermal analysis 2—1508
semiconductor, characterization during deposition from field-effect meas. 2—40231
semiconductor, compensated, current instability rel. to carrier lifetimes 2—6797

Crystal electron states continued
  transport processes continued
    semiconductor, compensated, low field mobility at low temperatures 2—36491
    semiconductor, cond. band nonparabolicity influence on electron heating 2—13252
    semiconductor, cond. oscillations in surface layers under quantizing mag. fields 2—6800
    semiconductor, convergence of Gummel's numerical algorithm 2—9992
    semiconductor, current formula for arbitrary elec. field 2—9985
    semiconductor, deep-trapping kinematics 2—36481
    semiconductor, degenerate nonpolar, hot carrier scatt. at optical phonons 2—19626
    semiconductor, dielectric relaxation effect on travelling carriers 2—36482
    semiconductor, diffusion constant for electrons in nonequilibrium system, relaxation approx. 2—22520
    semiconductor, double injection, a new approach 2—22522
    semiconductor, dynamic neg. differential cond. 2—6803
    semiconductor, effective mass., far i.r. cyclotron reson. meas. technique 2—25757
    semiconductor, electron gas, transverse magnetocond. 2—16197
    semiconductor, electron heating by acoustic wave 2—9881
    semiconductor, electron- beam excited minority carrier diffusion profiles 2—32958
    semiconductor, electron-electron interactions, Monte Carlo calcs. 2—16206
    semiconductor, electron-hole pair prod. 2—10063
    semiconductor, electron-hole pair prod. by impact ioniz., threshold energies 2—29655
    semiconductor, elemental, ambipolar diffusion coeff. determ. 2—1509
    semiconductor, equivalent circuit models 2—4201
    semiconductor, ferromag., electron drag by magnons 2—13333
    semiconductor, ferromag., electron-spin interaction influence 2—6740
    semiconductor, film, conductivity and Hall mobility, van der Pauw method 2—9991
    semiconductor, free electron conc., quantized mag. field effect 2—6829
    semiconductor, GaSb, p-n junc., carrier conc. and thermal e.m.f. in p-region 2—1540
    semiconductor, generalized Einstein relation in the presence of a magnetic field 2—36490
    semiconductor, heavily doped, at low temp. in weak mag. fields 2—19625
    semiconductor, heavily doped, Hall effect near metal-insulator transition 2—19623
    semiconductor, heavily doped, low temp. thermoelec. effects, Green's function method 2—25942
    semiconductor, heavily doped, thermoelec. effect, weak mag. field depend., calc. 2—40268
    semiconductor, heterogeneous, heavily doped 2—19616
    semiconductor, heterogeneous, transport eqn. 2—19617
    semiconductor, high field transport, drifted Maxwellian approach 2—16204
    semiconductor, high-resist, space-charge-limited current, current-voltage characts. 2—22514
    semiconductor, hopping magnetoresist., gauge invariance 2—9993
    semiconductor, hot carrier energy relax. time, meas. method 2—29652
    semiconductor, hot electron recombination at dislocations 2—9990
    semiconductor, III-V cpds., hot electron galvanothermomagnetic props. 2—19779
    semiconductor, impurity band hopping cond., theory 2—16198
    semiconductor, in strong electric fields 2—4198
    semiconductor, inelastic impurity scatt. of hot electrons 2—1507
    semiconductor, inhomogeneous, anomalously high mobility model 2—16195
    semiconductor, inhomogeneous, local photocond. signal rel. to carrier lifetime 2—22634
    semiconductor, inhomogeneous, simple model for high apparent mobility 2—25810
    semiconductor, InSb, current decay time dependence due to thermal acoustic wave amp. 2—4051
    semiconductor, intrinsic carrier conc. temp. depend., helicon interferometry obs. 2—36512
    semiconductor, linearized Boltzmann eqn., exact soln. 2—16080
    semiconductor, many-valley, electron mobility, impurity level effects 2—6825
    semiconductor, many-valley, galvomag. effects in strong mag. field and heating elec. field 2—16203
    semiconductor, Meyer- Neldel rule, thermally assisted tunnelling and pseudointrinsic cond. 2—13211
    semiconductor, microwave cond., non-parabolic energy dispersion 2—10004
    semiconductor, minority carrier lifetime, probe meas. 2—1506
    semiconductor, multivalley, size effect 2—6804
    semiconductor, negative differential mobility, nonuniform d.c. field effects on carrier waves 2—19619
    semiconductor, nonlinear effects, electron recomb. influence 2—6799
    semiconductor, nonlinear optical phenomena, rel. to free carriers 2—36484
    semiconductor, nonparabolic, d.c. field-induced anisotropy of microwave cond. 2—13234
    semiconductor, ohmic and nonohmic transport, nonparabolicity and overlap effects 2—19622
    semiconductor, p-GaAs:Cu, radiative recomb. under carrier heating conditions 2—4476
    semiconductor, p-type, relax.-case, sign 0f Hall coeff. 2—13208
    semiconductor, photoelectromagnetic effect, transient characts., theory 2—25966
    semiconductor, photon drag of holes for degenerate hole distrib. case 2—6711
    semiconductor, piezoelec., carrier interaction with Lamb wave 2—1424
    semiconductor, piezoelectric, non- normalizability of hot electron distrib. function 2—29653
    semiconductor, polar, d.c. mobility and disturbed phonon distrib. 2—40258
    semiconductor, polar degenerate, current fluctuations, carrier scatt. by optical phonons 2—6806
    semiconductor, polar mobility of electrons and holes 2—32964
    semiconductor, quadratic processes 2—10436
    semiconductor, quasineutral wave instability for field depend. electron density case 2—13205
    semiconductor, recomb. centre parameters determ. from carrier lifetimes 2—32959

Crystal electron states continued
  transport processes continued
    semiconductor, recomb. domains, analytic theory 2—13204
    semiconductor, recombination domains, illumination effect 2—22524
    semiconductor, reflectivity of helicon modes, localized carrier distrib. influence 2—10059
    semiconductor, relax., carrier transport 2—29654
    semiconductor, supersaturated solid soln., free carrier effects on precip. time consts. 2—6607
    semiconductor, surface carrier wave motion, transverse diffusion effects 2—19673
    semiconductor, temp. depend., use for bulk material characterization 2—40240
    semiconductor, two- electron transition process, elec. field depend. 2—13237
    semiconductor, two-valley, negative differential cond., carrier redistrib. inertia 2—36483
    semiconductor, warm-electron distrib., maximum anisotropy approx. applic. 2—13207
    semiconductor amorphous, percolation on continuum and localization-delocalization transition 2—6791
    semiconductor amorphous alloys, electronic basis of switching 2—36485
    semiconductor characterization, kinetics of one energy level recomb. centres and surface states 2—22523
    semiconductor device, p-n-p alloy junc., minority carrier diffusion, intense mag. field effects 2—22589
    semiconductor diffused structure, carrier equiv. lifetime, impurity deionization and temp. effects 2—25809
    semiconductor film, current calc. by method of damped electron waves 2—16196
    semiconductor resonant type current anomalies in high-field transport 2—32965
    semiconductor surface, inversion layer, quantization of carriers 2—40235
    semiconductors, charge-carrier equilibrium according to mass-section law 2—13202
    semiconductors, diffusion, thermodiffusion, mobility and ambipolar diffusion 2—12362
    semiconductors, dislocation effects 2—29697
    semiconductors, homopolar, charge carrier capture by deep traps, hot electrons 2—29657
    semiconductors, nondegenerate, oscillatory behaviour in quantizing mag. fields 2—19624
    semimetal, acoustic generation due to supersonic carrier drift 2—6671
    short life-time carriers in homogeneous semiconductors 2—4100
    small polaron transport and narrow band semiconduction, review 2—9998
    solid, elec. cond., impurity scatt. in presence of e.m. field., impurity conc. effects 2—16081
    space charge limited current, in samples containing fully ionized donors 2—19631
    space charge limited current, large drift velocity 2—6709
    space-charge-limited currents, in presence of traps with Coulombic potential 2—29656
    spatially inhomogeneous system, hot electron theory, local approx. 2—25812
    superconductor, electron-electron interaction, mass and vol. depend. 2—16154
    superconductor, electron-electron interaction, retardation, s-state instabilities 2—16158
    superconductor, scatt. by moving dislocations, energy losses 2—25783
    superconductor, strong-coupling elastic scatt. and electronic thermal cond. 2—22503
    superconductor, theory 2—13125
    superconductor, type-I, electron-electron interactions, effect on quasiparticle decay 2—19573
    transition metal, alloys and compounds, narrow d-band behaviour 2—13082
    transition metal dichalcogenides, layered, electron-electron interactions 2—29643
    transition metal dil. alloys, s-d scatt. 2—16147
    transition metal oxide, carrier mobility, Bloch and Heitler-London approach 2—13083
    transition metal oxide, free and bound charge carriers 2—10028
    transition metal oxide, interpretation of d.c. and optical props., review 2—9999
    tunnel junction, interactions between mag. scatterers 2—13284
    tunnelling impurity assisted, theory with expression for conductance 2—40126
    valence electrons, energy operator, approx. diagonalization 2—19486
    violanthrene A, single cryst., intrinsic conduction, hopping model 2—13250
    zero gap semiconductor, HgTe type, electron and heavy hole Landau level crossing 2—9981
    Ag-Mn alloy, nondilute, rel. to Kondo effect 2—19917
    Ag-R dil. alloys, R=rare earth metal, rel. to resist., magnetoresist., thermopower, review 2—13110
    Ag, phonon drag contrib. to Nernst-Ettinghausen effect 2—1581
    Ag, strain coeffs. for electron mean free path and free electron density, thin film obs. 2—9954
    Ag film, mean free path of cond. electrons 2—16302
    Al-M, M=Ag, Zn, Mg, thermopower, Nielsen-Taylor effect 2—22632
    Al-M; M=Au, Cu, Mg, Zn, Ge, deviations from Matthiessen's rule 2—16141
    Al, mixed plane wave effects on electron-phonon interaction 2—19489
    anthracene, singlet exciton trapped carrier interaction 2—13508
    As-Se, amorphous alloy, photogeneration and highfield effects on mobility 2—10032
    As-Se amorphous layers, effective lifetime of charge carriers 2—29673
    As_2S_3 films, amorphous, hopping cond. 2—10006
    $As_2S_3Ag_x$, glass, $x<0.977$, elec. props. transport mechanism 2—13217
    As_2Se_3, amorphous, field dependent drift mobilities 2—16201
    As_2Se_3, amorphous 2—19646
    As_2Se_3, film, vitreous, charge carrier mobility 2—4205
    Au-Se system, transient internal photoemission of carriers 2—13209
    Au film, photoelec. emission, mean free path of hot electrons 2—16330
    β-B, rhombohedral, density of states, carrier mobility 2—22458
    β-B, rhombohedral, trapping levels and parameters detn. 2—19665
    BAs, electron and hole conc., Hall mobility 2—15686
    BaO, electron mobility in conduction band 2—29659
    Bi-Sb alloys, carrier density and mobility, press. influence 2—32968
    Bi-Sb film, low temp. mobilities 2—36495

Crystal electron states continued
transport processes continued
Bi, damped wave size effect, carrier mobilities 2—32905
Bi, thermomag. power tensor and Umkehr effect 2—22633
$Bi_{1-x}Sb_x$ alloys, carrier density and mobilities 2—6810
C, amorphous, hopping cond., trap density distrib. elec. props. 2—4207
C, amorphous film, extrinsic and hopping conduction 2—13221
C, amorphous film, tunnelling between localized states 2—13222
C, pyrolytic graphite, c-axis conductivity, detailed interpretation 2—36486
CaF_2 crystal phosphors, exciton and electron-hole processes 2—26214
Cd, anisotropic resistivity, Ziman Baym theory calc. 2—9957
Cd, phonon limited mean free path, r.f. size effect 2—16085
$Cd_{0.1}Hg_{0.9}Te$, film, Hall coeff. and mobility thickness depend. 2—10012
$Cd_xHg_{1-x}Te$, electron mobility, under high hydrostatic pressure 2—10009
$Cd_xHg_{1-x}Te$ alloys, Hall mobilities, press. and temp. depend. 2—4209
$CdIn_2S_4$(:Sb), carrier mobility temp. depend. 2—22529
$CdIn_2Se_4$-$CdInTe_4$ solid solution, electron effective mass determ. 2—19638
CdS:Cu crystal, Hall mobility rel. to doping 2—29664
CdS, carrier recomb., i.r. and thermally stimulated luminesc. 2—10420
CdS, change in properties during passage of double-injection currents 2—40245
CdS, cubic, carrier effective masses, f-sum rule 2—4224
CdS, electron conc. and mobility, resist. and Hall meas. 2—10010
CdS, electron damping and amplification of Lamb waves 2—22414
CdS, high field domain vel. 2—25815
CdS, Lamb wave, attenuation and intensification by carriers 2—1424
CdS, off-axis domain formation and current anomaly 2—40246
CdS, photodesorption mechanism, role of photoholes 2—12681
CdS, rel. to surface state parameter determ. from photovoltage transients 2—29603
CdS film, He ion bombarded, elec. cond., trapped electron release 2—40247
CdS layers, photothermoelec. analysis, carrier density and mobility 2—16310
CdSe, carrier mobility rel. to excitation intensity, in negative photocond. conditions 2—32976
CdSe, cubic, carrier effective masses, f-sum rule 2—4224
CdSe, optical phonon drag effect 2—25813
CdSe film, on $Ba_xSr_{1-x}TiO_3$ substrate, I-V characts., supersonic carrier drift vel. 2—19416
n-CdTe, CdS, carrier binding time, relaxation kinetics, cathodoluminescence obs. 2—7102
CdTe, γ-ray spectrometer material, recombination centre parameters 2—34809
CdTe, Monte Carlo calc., high field transport props. 2—32970
CdTe, rel. to defect props. 2—36500
CdTe, rel. to nucl. rad. detector characterization 2—34811
CdTe, Seebeck effect and Nernst-Ettingshausen effect, influence of optical phonons 2—25943
CdTe, thermo-e.m.f. of hot electrons, field depend. 2—19778
$CdTl_{0.8}As_2$, glassy, elec. cond. mechanism 2—19637
$Cd_{1-x}Zn_xSb$, temp. dependence thermoelectric power and resistivity 2—4210
Cds, ion implanted, carrier multiplication 2—6836
CoAl, rel. to Kondo effect, conc. variation in near-stoichiometry region 2—22489
$CoAl_2O_4$, small polaron model 2—25814
CoO, high temp. defect struct. and transport props. 2—36501
CoO, hole drift mobility at high temp. 2—13226
Cr, anisotropic resistivity, crit. exponent in vicinity of Neel temp. 2—25767
Cu-Au alloy, neutron irradiated, deviations from Matthiessen's rule 2—16144
Cu-Mn alloy, nondilute, rel. to Kondo effect 2—19917
Cu CdS system, transient internal photoemission of carriers 2—13209
EuO:Gd, free carrier conc., scatt. time and mobility 2—40662
EuO, carrier density and scatt. 2—19639
Fe-Si alloys, ordered, cond. electron spin density oscillations 2—1611
Fe, cond. electron spin density oscillations 2—1612
$FeCr_2S_4$, ferrimag., spin disorder scatt. 2—32977
Fe_3O_4, hopping model interpet. of Mossbauer spectra 2—36839
Fe_3O_4, magnetite, cond. above Verwey transition 2—36505
Fe_3O_4, magnetite, n.m.r., ^{57}Fe hyperfine spectra, conduction model 2—7137
GaAs:Cr, photoinjected carrier recomb. and trapping processes 2—33069
p-GaAs:Cu, radiative recomb. under carrier heating conditions 2—4476
p-GaAs:Si, electron radiative recomb. during epitaxial growth 2—20095
GaAs:Si layers, n- to p-type conversion, substrate orientation depend. 2—1515
GaAs:Zn, Cd film, heteroepitaxial, hole mobilities 2—22531
GaAs:Zn, hole mobility, impurity conc. determ. 2—6837
GaAs:Zn,Fe, carrier conc. at melting temp., calc. 2—29667
n-GaAs, arsenic implantation effects 2—25846
p-GaAs, carrier binding time, relaxation kinetics, cathodoluminescence obs. 2—7102
n-GaAs, carrier conc. depend. of i.r. absorpt. 2—29915
GaAs, carrier mobility, high press. effects, 286-573K 2—36506
n-GaAs, carrier wave under crossed d.c. electric and magnetic fields 2—40254
n-GaAs, current carrier concentrations by Faraday effect 2—29695
GaAs, dominant scatt. mechanisms, Hall and Seebeck coeffs., 300 to 700K obs. 2—6816
p-GaAs, electron beam excited, recomb. processes rel. to spontaneous emission 2—29947
n-GaAs, evaporated film, from resistivity, photoconduction and SCL currents 2—40244
m- GaAs, gain and frequency conversion efficiency, under microwave heating, effect of charge carrier mobility 2—25819
GaAs, Gunn domain quenching, surface effects 2—4213
n-GaAs, high field cond., displaced Maxwellian distrib. func., diffusion approx. calc. 2—19645
n-GaAs, hole lifetime doping depend. obs. 2—1514
p-GaAs, hole vel., temp. depend. 2—40253
p-GaAs, hole vel., temp. depend. 2—40252
GaAs, ion implanted, electron mobility 2—25372
n-GaAs, ionized impurity density and mobility 2—13232
GaAs, liquid phase epitaxial, carrier mobility depend. on impurity conc. 2—29104
GaAs, low resistivity, carrier lifetime, electron bombardment and annealing effects 2—36508

Crystal electron states continued
transport processes continued
n-GaAs, microwave velocity/field characteristics obs., comparison with n-InP 2—6811
in-GaAs, slow domains and negative resist. via transferred electron effect 2—19643
n-GaAs, space-charge scatt. and electron transport 2—13267
n-GaAs, velocity-field characts., temp. depend. 2—32979
n-GaAs, velocity-field characts. at low temps. 2—29672
GaAs epitaxial film, effect of prep. conditions 2—35894
n-GaAs epitaxial films, carrier mobility 2—6812
n-GaAs epitaxial layers, carrier conc. rel. to impurity conc. 2—29685
n-GaAs films, electron heating and Hall mobility 2—6814
n-GaAs layer, field profile above transferred electron threshold 2—29671
GaAs p-n junction, recomb. emission, varying local delay time and doping depend. 2—19700
GaAs with deep acceptors, cond. mechanisms 2—40250
$GaAs_{1-x}P_x$, electron mobility, donor conc. effects 2—29993
n-$GaInS_3$, slow recomb. level obs. 2—6903
GaN epitaxial layers, photolum., carrier conc. depend. 2—36928
GaP:C, carrier mobility 2—25845
GaP:Te, Zn, epitaxial single cryst., Hall mobility and resistivity obs. 2—40255
GaP:Zn, O, minority carrier lifetimes, luminesc. 2—4478
GaP, cond., carrier scatt., surface and contact effects 2—19675
GaP, epitaxial, minority carrier diffusion length, impurity conc. depend., Schottky diode photocurrent obs. 2—29670
GaP, extrinsic minority carrier lifetime meas., electroluminesc. 2—26249
GaP, high purity, electron conc. and mobility 2—12694
GaP layers on Ge substrates, free carrier conc. and autodoping effect 2—36507
GaP p-n junction material, minority-carrier diffusion length 2—6815
n-GaS, hopping cond. 2—13231
GaSb:Te, Hall coeff., mobility, and resistivity, from thermal cond. data 2—22532
GaSb:Te, phonon scatt. at low temp. 2—22533
GaSb:Zn, density of states effective mass, role in low temp. phonon thermal cond. 2—40092
p-GaSb, doped, phonon drag, rel. to thermopower 2—16306
GaSb, energy relax. time, transport phenomena obs. 2—19644
GaSb, high field transport props., Faraday rotation obs. 2—32978
GaSb, p-n junc., carrier conc. and thermal e.m.f. in p-region 2—1540
GaSe, layer semicond., elec. and optical props. 2—10016
Ga_2Te_3, intrinsic cond. process 2—10014
GaaS:Cd, ion implanted, effect of annealing 2—9521
Gd, carrier contrib. to sp. ht. of ferromag. ordering 2—40372
Gd_3S_4, rel. to localization and mag. interactions 2—32981
n-Ge:As, electron diffusion time across skin layer, e.p.r. obs., 4.2 K 2—22833
Ge:Co, Fe, Ni, Ag, Au, excited by laser rad., electron-hole recomb. at deep impurity centres 2—22558
n-Ge:Ni, electron mobility rel. to carrier scatt. by ionized impurities 2—29702
Ge-Te alloy, amorphous 2—19646
Ge, amorphous, annealed, elec. props. 2—40291
Ge, amorphous film, extrinsic and hopping, thermoelectric obs. 2—10069
Ge, band-band impact recomb. 2—33011
n- Ge, compensated, electron-phonon scattering 2—36544
n-Ge, current carriers, dislocations effect, 77-300K 2—22564
Ge, current carriers, interaction of 10.6 μm radiation 2—16236
n-Ge, current instability and intervalley redistrib. of electrons 2—6845
n-Ge, current oscillations, low temp. 2—25852
Ge, dielec.- metal transition, excitons, photocond. 2—16235
Ge, e_1 and E_1 interband transitions, thermoabsorpt. study 2—40288
Ge, effect of magnetic field on diffusion of an electron-hole plasma 2—13074
Ge, electron-hole pair prod. 2—10063
Ge, electron drift vel., saturation, acoustical phonon generation 2—6846
p-Ge, epitaxial film, mobility 2—16238
p-Ge, free carrier magneto- microwave Kerr effect 2—40612
n-Ge, impurity hopping cond. 2—6850
n-Ge, impurity scatt., energy depend., model 2—10065
n-Ge, injected carrier instability in high electric field 2—33013
Ge, intervalley scatt. selection rules 2—22561
p-Ge, minority carrier and ion drift mobilities, oxygen conc. correl. 2—1531
p-Ge, minority carrier lifetime, photocond. and photo-magnetoelec. obs. 2—22563
Ge, non-stationary galvanomag.-recomb. effect 2—29700
Ge, nonlinear S-type IV characts., double injection influence 2—6843
Ge, photogradient e.m.f. of hot carriers 2—40382
Ge, photogradient e.m.f. of hot carriers 2—16322
p-Ge, photon drag tensor 2—13341
Ge, radiation detectors, hot carrier phenomena 2—8233
n-Ge, rel. to effect of quantized mag. field on e.m. wave propag. 2—16228
p-Ge, relax. times effective masses of heavy and light holes 2—6847
n-Ge, saturation stressed degenerately doped, longitudinal resistivity and Hall effect 2—22562
Ge , amorphous, hopping cond., trap density distrib. elec. props. 2—4207
Ge amorphous search for anisotropy in low field and high-field resistivity 2—25856
Ge film, charge carrier mobility, thickness depend. 2—1532
Ge ioniz. rates of electrons and holes 2—6849
Ge n-type, electric current density v. electric field, computation 2—4229
He, solid, pressure effects on electron mobility 2—25134
HfO_2, electron hole mobility, elec. cond., thermogravimetric and Seebeck coeff. obs. 2—10017
Hg single crystal at 4.2K, high-magnetic-field effect on electron-dislocation interaction 2—25674
HgCdTe, photocond., minority carrier sweepout, high field obs. 2—22645
p-$Hg_{1-x}Cd_xTe$, carrier conc. press. depend., 4.2 and 77K 2—32983
$Hg_{1-x}Cd_xTe$, electron mobility 2—25823
HgS_xSe_{1-x}, temp. depend. 2—13233
n-InAs, electron and hole mobility 2—6904
n-InAs, free electron conc., quantized mag. field effect 2—6829
n-InAs, low temp. non-Ohmic behaviour 2—16211
InAs, microwave biased photocond., free carrier screening effects 2—19787
n-InAs, rad. recomb. mech., photoluminesc. spectra, 30-77 K 2—22799
$In_xGa_{1-x}As$, epitaxial, growth and properties 2—1216

Crystal electron states continued
transport processes continued
n-InP:Cu, l.f. current oscill., bulk negative resist., electron transfer, trapping 2—22538
InP, cond., carrier scatt., surface and contact effects 2—19675
n-InP, electron drift vel., microwave meas. 2—25824
n-InP, magnetophonon oscillations of longit. magnetoresist. 2—10018
n-InP, microwave velocity/field characteristics obs., comparison with n-GaAs 2—6811
n-InP, velocity-field charact. for electrons 2—19648
n-InP, velocity-field characteristic, microwave measurement 2—32984
InSb:Se, Te, S, heavily doped, mobility, pressure depend. 2—10020
n-InSb, carrier numbers and mobility, effects of intense i.r., photocond. and photo Hall effect obs. 2—32908
n-InSb, cond. in Wigner lattice in mag. field 2—13236
InSb, current decay time dependence due to thermal acoustic wave amp. 2—4051
n-InSb, d.c. mobility and disturbed phonon distrib. 2—40258
n-InSb, electron diffusion time across skin layer, e.p.r. obs., 4.2 K 2—22833
InSb, electron mobility in high elec. fields, electron-phonon interaction 2—22537
InSb, electron scatt., electron mobility, band gap, rel. to impurity conc. 2—36509
n-InSb, electron scatt., rel. to frequency conversion of e.m. radiation 2—10050
n-InSb, electron temp. determ. from Shubnikov-de Haas oscills. 2—36510
InSb, electron velocity, in strong electric and magnetic fields 2—16210
n-InSb, energy relax. mechanisms, low temp. 2—32985
n-InSb, free electron conc., quantized mag. field effect 2—6829
n-InSb, high field electron transport, effects of electron-hole pair prod. 2—36511
n-InSb, high field transport, drifted Maxwellian approach 2—22536
p-InSb, hole current effects on optical absorpt. coeffs. 2—16491
p-InSb, hyperfreq. surface waves, crossed mag. and elec. fields 2—6842
InSb, intrinsic carrier conc. temp. depend., helicon interferometry obs. 2—36512
n-InSb, nonequil. carrier phenomena 2—19627
n-InSb, nonlinear oscillations 2—6817
n-InSb, scattering on short-range potential centres 2—10021
InSb, stimulated tunable spin-flip scatt. 2—16545
n- InSb d.c. field-induced anisotropy of microwave cond. 2—13234
InSb surface, magnetoconductance oscillations of n-type inversion layers 2—33007
In_2Te_3, intrinsic cond. process 2—10014
K, low temp. resistivity, Bloch T^5 law failure 2—16145
KCl, F-centre diffusion mechanism 2—32553
KN_3, internal photoemission of electrons and holes 2—40260
$LaIn_3$, effective electron-electron interaction 2—16179
$LaNi_2$, electronic contrib. to sp. ht., 1.6-4K 2—16038
LaP, cond. electron effects in e.s.r. of Gd 2—40760
$LaSn_{3-x}I_x$, temp. depend., 1.5 to 300 K 2—32919
$Li(NH_3)_4$, mobilities and number density calcs. using two-band model 2—19547
$LiNbO_3$, ferroelec., intrinsic and impurity cond. 2—1518
$Mn_{1-x}Cr_x(Fe_x)Si_{1.7}$ solid solns., hole compensation by electrons, carrier density 2—10024
MnO, Hall mobility of electrons, high temp. ionized impurity influence 2—10025
MnO, hole drift mobility at high temp. 2—13226
MnO, single cryst., electron mobility, nonstoich. disorder 2—1519
$MnSi_{2-x}$, x=0.25-0.28, cond. mechanism, carrier mobilities 2—40261
Na, electron-electron interactions, rel. to elec. and thermal cond. 2—19463
Na, low temp. resistivity, Bloch T^5 law failure 2—16145
Nb-Zr alloy, supercond. wires critical current density control by dislocation substruct. 2—40209
Nb, charge transfer rel. to supercond., X-ray photoelectron spectroscopic obs. 2—22505
Nb, magnetoresist. study 2—25734
$Nb_3Al_xGe_{1-x}$, supercond., cond. electron conc. obs. 2—40207
Ni-Cr(Fe) alloys, dil., two-current cond. processes and spin mixing 2—1486
NiO, epitaxial, hole drift mobility, photoexcitation obs. 2—10027
NiO, hole drift mobility at high temp. 2—13226
Pb mixed plane wave effects on electron-phonon interaction 2—19489
$Pb_{0.95}Cd_{0.05}Te$ solid soln., carrier density, density-of-states, cond. effective masses 2—22540
$Pb_{1-x}Mn_xTe$ solid soln., density of states effective mass, and effective mass determ. 2—22539
n-PbS, Nernst effects, scatt. mechanisms, 1-80K 2—25949
$Pb_{0.75}Sn_{0.25}Te$ solid soln., carrier density, density-of-stages, cond. effective masses 2—22540
$Pb_{0.76}Sn_{0.24}Te$, mobility and p-type to n-type conversion, effects of proton bombardment 2—36514
p-$Pb_{1-x}Sn_xTe$, free carrier parameters detn., i.r. reflectivity spectra obs. 2—26148
n-PbTe, carrier-transfer reson. in i.r. magnetoabsorpt. 2—40678
p-PbTe, carrier conc. depend. of elastic consts. 2—32582
PbTe, rel. to effect of quantized mag. field on e.m. wave propag. 2—16228
PbTe and $Pb_{1-x}Sn_xTe$ epitaxial layers, Hall mobilities 2—4214
PbTe films, electron-electron scatt. effects in photoelec. emission 2—10160
$PbTe_{0.8}Se_{0.1}S_{0.1}$ solid soln., carrier density, density-of-states, cond. effective masers 2—22540
$Pb(Zr,Ti)O_3$ ceramic/Ge wafer layers, surface acoustoelectric amplification 2—19677
Pd-Ni alloy, ferromagnet, electron transport, 1.5-78K 2—22494
Pd alloy, rel. to impurity scatt., model 2—40183
α-S, electron irrad. carrier generation, temp. and field depend. 2—36515
S, orthorhombic, comparison with monoclinic Se 2—40128
Sb_2S_3, carrier lifetime, rel. to local levels in the forbidden band 2—40262
ScAs(P) epitaxial layers, carrier conc., Hall mobility 2—9282
Se, amorphous, attenuation length of excited electrons 2—32987
Se, amorphous, field dependent drift mobilities 2—16201
Se, amorphous, photogeneration and highfield effects on mobility 2—10032
Se, hot hole mobility, avalanche Hall effect in rectifiers 2—36559
Se, monoclinic, comparison with orthorhombic S 2—40128
Se, single cryst. film, Cd, Te electrodes, space charge limited current 2—10031

Crystal electron states continued
transport processes continued
p-Se, trigonal single cryst., barrier limited conduction mechanism 2—10030
Se amorphous film, elec. cond. mechanism 2—25826
Se amorphous film, electron and hole drift mobilities 2—32989
Se amorphous layers, effective lifetime of charge carriers 2—29673
Si:B carrier recombination, electron lifetime; hole lifetime, 1.7-4.2K 2—16244
Si:B implanted, majority carrier characts. 2—33016
Si:P, As, additional ion bombardment effects 2—25434
n-Si:P, D irrad., effect on Hall mobility, carrier density 2—22566
Si:P, elec. active damage in hot implantations 2—25869
Si:Y, γ-irrad. and thermally processed, carrier conc. 2—1534
n-Si-Fe, recombination at Fe atoms and thermally generated lattice defects 2—36549
Si-Fe p-n junction, switching behaviour, lifetime and photoeffect obs. 2—33029
Si, amorphous, band tail model for conduction 2—13275
Si, band-band impact recomb. 2—33011
Si, carrier props. determ. from electron beam generation model 2—40295
Si, charge carrier relax. times 2—33273
n-Si, current oscillations 2—4240
Si, double injection and space charge currents, illumin. effects 2—22569
Si, electron-hole pair prod. 2—10063
Si, electron drift velocity and mobility at 4.2K, elec. field dependence 2—22572
Si, electron irrad., low temp. a/c. hopping cond. 2—29170
Si, excess carrier lifetime homogeneity, det. by photoconductivity meas. at two modulation frequencies 2—29707
Si, Hall effect of hot electrons, elec. and mag. field depend. 2—36546
n-Si, Hall scattering coeff. 2—1535
n-Si, hole cond., warm carrier energy relax. time, rel. to uniaxial stress at 90K 2—16242
Si, intervalley scatt. mechanism 2—22568
Si, intervalley scatt. selection rules 2—22561
Si, m.o.s.t. inversion layer, electron conductivity-mass anisotropy calc. 2—36569
n-Si, mobilities due to impurities and lattice, meas. by microwave transmission 2—4238
n-Si, phonon drag, thermopower 2—6894
Si, photogradient e.m.f. of hot carriers 2—40382
Si, photogradient e.m.f. of hot carriers 2—16322
n-Si, rel. to effect of quantized mag. field on e.m. wave propag. 2—16228
Si, surface transport props., state-of-the-art 2—36547
n-Si, warm- carrier d.c. transport 2—36550
n-Si, warm-carrier microwave transport 2—36551
n-Si, warm electron cond., anisotropy, high temp. 2—29709
Si, with deep impurities, free carrier phonon interaction constants from low-field temperature dependent conductivity mobilities 2—36545
Si (110) surface, electron mobility anisotropy at low temp. 2—36548
Si (110) surface n-channel m.o.s.f.e.t., conductivity anisotropy obs. 2—16239
Si avalanche breakdown, statistical theory 2—29712
Si bolometer, compensated impurity cond. role in performance 2—11371
Si diode, carrier lifetimes rel. to temp., light spot method, 293-523K 2—33033
Si film, epitaxial on sapphire, carrier transport mechanisms, m.i.s. deep depletion Hall effect struct. obs. 2—40293
Si film, on sapphire, elec. props. depth variation, m.o.s. Hall technique 2—19688
Si m.o.s. inversion layer, transport phenomena, effective mass approach 2—19744
Si m.o.s.t., interface-state density and mobility ratio obs. 2—16240
Si m.o.s.t., inversion layer, hole drift vel. 2—19743
Si radiation detectors, hot carrier phenomena 2—8233
SiO_2 electron injection, scatt. in image pot. well 2—40319
SiO_x, reactively evaporated film, e.s.r. study of centres for Poole-Frenkel emission 2—1726
SiO_x films, doped and undoped, Poole-Frenkel effect 2—1527
Sm, plasma and relax. freqs. of cond. electrons 2—40640
SrF_2 crystal phosphors, exciton and electron-hole processes 2—26214
SrO, electron mobility in conduction band 2—29659
$SrSc_xFe_{12-x}O_{19}$, activation energy of current carriers 2—29674
$SrTiO_3$:Nb, free carrier optical absorpt. 2—36887
Ta_2O_5, film, in m.i.m. struct., Schottky and Poole-Frenkel effect 2—6872
Te, semiconductor, characterization during deposition from field-effect meas. 2—40231
Te, surface defects influence on carrier density 2—10062
ThO_2, electron hole mobility, elec. cond., thermogravimetric and Seebeck coeff. obs. 2—10017
TiO_2:V^{4+}, electron hopping motion 2—19748
TiO_2, reduced, electric charge transport, nonstoichiometry, defect ordering 2—29171
V_6C_5, electron scatt. by vacancies, residual resist. 2—4219
VO_3:Ti, conduction band and impurity state electron lifetime, e.s.r. obs. 2—10037
VO_2, charge carrier mobility, semicond. to metal transition 2—4007
VO_x, polaron morphology, Seebeck coeff. obs. 2—10055
V_2O_5, Hall and drift mobilities 2—10036
V_2O_5 electron hopping, two level, dislocation model 2—4220
W, Fermi surface, radiofrequency size effect 2—22497
YIG:Si, a.c. hopping cond. mechanism 2—13242
ZnO, diffusion of photoelectrically excited electrons, d.c. effect coefficients 2—4294
ZnS:Cu, recomb. processes, rel. to electrolum. decay 2—20120
ZnS, in m.i.s.i.m. struct., rel. to electrolum. quantum yield 2—20121
ZnS phosphor, rel. to low temp. electrolum. 2—26252
ZnSb, p- and n-type, electron mobility and charge carrier conc. 2—1522
ZnSe(Te), carrier binding time, relaxation kinetics, cathodoluminescence obs. 2—7102
ZnTe:Al, rel. to defect levels 2—13244
ZnTe:Ga, rel. to negative photocond. 2—33078
ZnTe-CdTe solid solution, rel. to negative photocond. 2—33077
ZnTe-GaSb, p-p heterojunc., elec. and optical props. 2—10087
ZrC, composition dependence 2—1523
ZrH, magnetoresistance, Hall effect, field and H content depend. 2—6824
ZrO_2, electron hole mobility, elec. cond., thermogravimetric and Seebeck coeff. obs. 2—10017
ZrO_2, nonstiochiometric, rel. to thermogravimetric data 2—29448

Crystal electron states continued
- **transport processes** continued
  - ZuTe film, stoichiometry depend. 2—25829

Crystal energy *see Bonds; Crystals; Solids/structure*

Crystal field theory
- *see also Hyperfine field interactions*
- actinide cpds., model for nuclear spin-lattice relax. in paramag. state 2—7009
- activated crystals, energy spectrum, effective Hamiltonian method 2—40585
- adamite:Cu^{2+}, spin Hamiltonian parameters detn., e.p.r. obs. 2—36994
- alkali halides, u.v. absorpt. of heavy ions, fine struct. 2—33250
- alkali metal sulphate, Co^{2+}-doped, crystal field parameter determ. at low temps. 2—36866
- alkaline earth fluorides, ionic distortions of Tm^{2+} trigonal centres 2—40589
- alkaline earth fluorides, X-ray irrad., trigonal Gd^{3+} centres, e.s.r. 2—13530
- alum, n.q.r. study 2—33360
- configuration interaction in electrostatically correlated field 2—7015
- covalency reduction factors, in C_{4v} and D_{3h}, bonding parameter estimation from mag. data 2—16409
- cubic deformed ions, gradient elastic tensor, quadrupole moments 2—7016
- divalent complexes of cis chelating bidentate ligands, effect of d-orbital splitting on i.r. spectra 2—10363
- dysprosium aluminium garnet, electronic Raman scatt. theory 2—29938
- dysprosium gallium garnet, electronic Raman scatt. theory 2—29938
- emerald, spin Hamiltonian Cr^{3+} ions in trigonal field 2—10494
- energy transfer, excitation-diffusion-limited 2—4417
- europium chalcogenides, optical transitions, magnetic order effect, energy level scheme 2—16488
- garnet, growth induced noncubic anisotropy 2—10285
- heavy rare earth metals, electric field gradient estimated from exptl. hyperfine interaction data 2—26091
- Heisenberg antiferromagnet, layered, anisotropy depend. of Neel temp. 2—10231
- induced moment systems with nonmag. doublet cryst. field ground state, mag. props. 2—33109
- ionic crystal, impurity ion octahedral complex, overlapping and covalency effects on optical spectra 2—19990
- ionic crystal, M- and F_r-centres, singlet-triplet splitting 2—16410
- Ising systems of triplet ions with zero field splittings, mag. transition 2—36670
- l^n configuration in an electric field matrix elements of spin-orbit coupling derived using Racah formalism 2—29850
- lanthanide cpds., model for nuclear spin-lattice relax. in paramag. state 2—7009
- lanthanide ions, config. interaction influence 2—13425
- lanthanide ions, Zeeman splitting of cubic cryst. field levels, covalent and vibronic contributions 2—19944
- ligand field theory, modern aspects, book 2—7017
- ligand field theory calculations, effective perturbation method 2—38874
- magnetic impurity s-j exchange interaction with conduction electrons 2—10165
- magnetic system, time dependent hyperfine interactions, crystal field effects 2—26090
- methane, field splitting 2—10572
- methane, solid, n.m.r. obs. of spin conversion 2—10571
- $Na_2Zn(SO_4)_2.4H_2O:Cu^{2+}$, elec. field symmetry, g-factors, hyperfine constants, e.s.r. obs. 2—7122
- olivine-spinel transformation in silicates and germanates, crystal field effect 2—1386
- organic mixed crystals, spin-phonon interaction for triplet state molecules 2—29847
- paramagnetic ion, dynamic nuclear reorientation by saturating double flip transitions 2—16408
- quadrupole interaction for cubic imperfections exhibiting dynamic Jahn-Teller effect 2—26259
- rare earth, spin-phonon interaction, u.s. study 2—40189
- rare earth compounds, optical spectra, magnetic ordering effects 2—33259
- rare earth garnets, dichroism due to site selectivity of ions 2—40639
- rare earth intermetallic compounds, role in determining physical properties 2—10206
- rare earth ion field, ionic model calc. without charge compensation 2—1650
- rare earth ions, anisotropic spin-orbit coupling 2—29851
- rare earth ions, multiplet splitting of 4s and 5s electrons 2—19945
- rare earth iron garnets, noncubic mag. anisotropy mechanism and vacancy ordering 2—10202
- rare earth metal, conduction electron enhancement of potentials, resonance amplitudes 2—10282
- rare earth metal, crystalline electric field parameters, OPW calcs. 2—26092
- rare earth metals, additional potential energy terms, conduction electron interaction 2—10283
- rare earth metals, magnetic interactions, review 2—16341
- rare earth oxides and oxysalts, anion centred coordination polyhedra, $4f^n$ and ligand wave function mixing 2—9338
- rare earths, cond. electron states splitting 2—33108
- rare earths, cryst. potential parameters, rel. to magnetostriction 2—40415
- rare earths in cubic cryst. fields, transition probabilities for f-electron J-multiplets 2—19939
- rare-earth ions in crystal field with C_{3h} symmetry, Zeeman effect 2—36863
- ruby, generation spectrum, three level centres laser parameters 2—4485
- ruby, spin Hamiltonian for Cr^{3+} ions in trigonal field 2—10494
- singlet-ground-state magnetism equivalence to ferrimagnetism 2—36729
- spin orbitals, cluster model applic. 2—19505
- spin-orbit coupling, anisotropic, for l^n config. 2—10281
- spin-phonon consts. meas. by u.s. method 2—30002
- spin-phonon coupling and acoustic saturation waves 2—6663
- spin-phonon interaction, effect on two-dimensional Ising system 2—4416
- spin-phonon interaction, theory 2—7014
- spin-phonon interaction contrib. to sp. ht. 2—6676
- spin-phonon interaction tensor components determ. 2—7113
- spinel-type minerals, spin pairing of Fe(II), and corresponding phases 2—40584
- three level centres, generation spectrum, ruby laser 2—4485
- transition metal ions, $3d^9$, at tetrahedral sites, models, Jahn-Teller interactions 2—7013
- transition metal ions, in crysts., energy levels, intermediate coupling scheme 2—40588

Crystal field theory continued
- transition metal ions, in crysts. effective mag. moment, derivation from cryst. elec. field 2—40587
- transition metal spinels, cryst. distortion, temp. depend. 2—3988
- transition metals, Fe group, third and fourth spectra, magnetic interactions in $3d^n$ configurations 2—4415
- Uranium (3+) formate, low-temp. absorption spectrum, U^{3+} energy level scheme 2—10402
- Wolfsberg-Helmholtz-crystal field semi-empirical approach to crystalline state 2—29077
- ytterbium aluminium garnet, electronic Raman scatt. theory 2—29938
- ytterbium ethylsulphate, rel. to thermal and mag. props. calc. 2—36794
- ytterbium gallium garnet, electronic Raman scatt. theory 2—29938
- α-$Al_2O_3:Fe^{3+}$, optical absorption spectrum, assignment based on d^5 crystal field calc. 2—26157
- $Al_2O_3:Cr^{3+}$, spin-phonon interaction, ang. depend. 2—10286
- Al_2O_3, a.p.r. of V^{4+}, spin-phonon coupling consts. 2—36983
- Al_2O_3, e.p.r. of Fe^{3+}, linewidth temp. depend., spin-phonon interaction 2—10493
- $Al_20_3:Gd^{3+}$, energy levels, wavefunctions, dipole and quadrupole transitions of Gd^{3+}ions 2—29852
- As_2Te_3 and $As_2Se_3.As_2Te_3$, glass-cryst. transition influence on local symmetry 2—1670
- Au-Dy dilute alloys, parameter determ. from Γ_8 (quartet) resonance obs. 2—26272
- BaF_2, ionic distortions of Tm^{2+} trigonal centres 2—40589
- BaO, e.p.r. of Mn^{2+} in trigonal sites 2—13533
- $Bi_{3-x}Ca_{2x}Fe_{5-x}V_xO_{12}$ Mossbauer study of Fe^{3+} 2—13445
- $Bi_{0.3}Co_{2.7}Fe_{3.65}V_{1.35}O_{12}$ garnet, paramag. ion doped, ferrimag. resonance 2—4534
- $CaF_2:Dy^{3+}$, noncubic components of emission spectra 2—26213
- $CaF_2:Eu^{2+}$, temp. depend. of zero field splitting 2—19940
- $CaF_2:Fe^{3+}$, e.p.r., cubic symmetry, spin parameters 2—1727
- $CaF_2:Tm^{2+}$, energy level splitting, covalency effects 2—19942
- $CaF_2:Tm^{2+}$, ligand-ligand and $5s^25p^2$-ligand overlaps effects 2—19941
- $CaF_2:Yb^{3+}$, anisotropic spin-orbit coupling 2—29851
- CaF_2, ionic distortions of Tm^{2+} trigonal centres 2—40589
- CaF_2, trigonal symmetry complexes with hydride ions paired to rare earth ions 2—19113
- $CaWO_4:Nd^{3+}$, calc. of irreducible representation for $^4I_{11/2}$ multiplet, comparison with expt. 2—16615
- $CdCl_2:Mn^{2+}$, zero field splitting temp. depend. e.s.r. obs. and point multipole model calcs. 2—7117
- $Cd_xHg_{1-x}Te$ mixed cryst., e.p.r. of Mn^{2+} 2—13537
- $CdIn_2S_4$, e.s.r., zero-field splittings of Cr^{3+} 2—10501
- $CdS:Mn^{2+}$, e.p.r., linear elec. field effect 2—22831
- $CdS:Ti^{2+}$, Jahn-Teller struct. in absorpt. band 2—10371
- $CdS:Yb^{3+}$, Er^{3+}, Dy^{3+}, interstitial site crystal field pot., g-factors calc. 2—10287
- CdS, e.p.r., spin Hamiltonian for Cr^{2+} 2—13536
- CdS, e.p.r. of $Fe^{3+}:Ag^{3+}$ associated centres 2—33338
- CdTe:Ti(V)(Cr), crystal field parameter determ. from absorpt. spectra 2—22759
- Ce impurity systems, cryst. field effect on Kondo behaviour 2—40403
- $Ce_{1-x}La_xAl_3$, low temp. spedific ht. meas., cryst. field splitting data 2—1432
- CeO_2, spin-lattice interaction for Gd^{3+}, temp. depend. 2—26277
- Co^{2+}, in octahedral environment, lattice-ion interactions 2—7018
- Co^{2+}, octahedral complex, overlapping and covalency effects on ionic cryst. optical spectra 2—19990
- $CoCl_2$, Raman scatt. at Co^{2+} 2—16531
- $Co(NH_4)_2(SO_4)_2.6H_2O$, low temp. spin orientation, exchange effects 2—22702
- Cr complexes, rel. to refl. and luminesc. spectra 2—10376
- Cr^{3+}, ochahedral complex, overlapping and covalency effects on ionic cryst. optical spectra 2—19990
- CrO_2, coexistence of localized and itinerant d-electrons 2—16093
- CsH_2AsO_4, electric field gradient tensor at Cs sites, in para- and ferro-electric phases 2—29844
- Cu complexes, $M_2[M'Cu](NO_2)_6$ type, ligand field model for cooperative Jahn-Teller effect 2—19943
- Cu dil. alloys, elec. field gradients in single crysts. 2—16667
- Cu(II), complex, different symmetry axes for fine structure term and g-factor, e.s.r. obs. 2—10504
- Cu(II) complexes, ligand exchange influence on e.s.r. spectra 2—13538
- $Dy_xR_{1-x}Fe_2$, r=Tb, Er, Tm, Mossbauer obs. 2—26123
- Er, spin-wave dispersion relation and Fourier transform of exchange interaction determ. 2—10189
- Er^{3+}, electric-dipole intensities calc., ligand field interactions 2—20035
- EuGa garnet, symmetry labeling of crystal field levels of split $^7F_1$ and $^7F_2$ manifolds 2—20067
- $(Eu_xY_{1-x})_2O_3$, mag. susceptibility orbitally anisotropic exchange and cryst. field effects 2—36658
- Fe (II) complex, bis(2,2′-bipyridyl) series, spin free spin paired solids 2—19984
- Fe^{2+} compounds, pseudotetrahedral, eigenvalue problem 2—36789
- FeF_2, electronic Raman, scatt., rel. to mag. ordering 2—36901
- FeF_2, orbital triplet cryst. field splittings 2—7057
- FeF_2, temp.-depend. cryst. field at Fe^{2+} site 2—10323
- FeF_2, weak covalency effects 2—36788
- $Fe_2Mo_8O_8$ and $FeZnMo_3O_8$, local trigonal symmetry, Mossbauer obs. 2—33220
- Fe_2O_3 monocrystals, K X-ray absorption spectra, interpretation 2—36914
- Fe_3O_4, coexistence of localized and itinerant d-electrons 2—16093
- FeS, coexistence of localized and itinerant d-electrons 2—16093
- $FeSiF_6:6H_2O$, single cryst., principle axis location, EFG sign and mag. struct. from Mossbauer obs. 2—29885
- GaAs, doped, isotropic e.p.r. spectrum 2—10505
- Gd^{3+} in hexagonal crystals, departures from electrostatic crystal field models 2—40582
- Gd^{3+} S-state ion in axial electric field, ground state splitting calc. using expression for matrix elements of spin-orbit coupling 2—29850
- HoN(S), field splittings, neutron scatt. obs. 2—40592
- $Ho_xR_{1-x}Fe_2$, R=Tb, Er, Tm, Mossbauer obs. 2—26123
- $Ho_xTb_{1-x}Fe_2$ cubic Laves compounds, interpretation of spin orientation diagram describing magnetic anisotropy 2—19916
- KBr:Cl, field gradient tensor calcs. for nuclei round substitutional ion 2—26093
- $KCl:In^+$. u.v. absorp. spectra, uniaxial stress effects 2—10386

Crystal field theory continued
KCl:Mn, central hyperfine splitting temp. depend., l.f. local mode obs. 2—10291
KCl:Sm^{2+} single crystal, theory of Zeeman anisotropy fluorescence spectroscopy, numerical fit of low-J transitions 2—22804
KCl, local environment of Te impurity 2—10319
KCl, off-centre behaviour of paramag. atom due to covalency 2—10509
KCoF$_3$, mag. excitations, Raman spectra obs. 2—20071
KFeF$_3$, weak covalency effects 2—36788
KI:Tl$^+$, u.v. absorp. spectra, uniaxial stress effects 2—10386
K$_2$MgF$_4$:Mn^{2+}, K$_2$ZnF$_4$:Mn^{2+}, spin-Hamiltonian higher order parameters, from ENDOR, at 4.2K 2—30028
KMnO$_3$, cluster model applic. 2—18961
KNiF$_3$, covalency and ligand field effects, Hartree-Fock calcs. 2—40590
KNiF$_3$, n.m.r. study 2—13554
KY(MoO$_4$)$_2$:Er^{3+}, empirical energy level diagram for Er^{3+} from absorption and luminescence spectra 2—26166
K$_2$Zn(SO$_4$)$_2$.6H$_2$O, e.s.r. of Cu^{2+}, temp. and irrad. influence 2—13539
Kr matrix, calculation of ν_3 and ν_4 modes of deuterated methane 2—40668
La-Ce dilute alloys, Kondo effect, use of Coqblin-Schrieffer exchange interaction 2—1465
La-2.01 at.% Pr alloy, cryst. elec. field, lattice contrib., cond. electron contrib., shielding 2—40591
LaCoO$_3$ and La$_{0.5}$Sr$_{0.5}$CoC$_3$, coexistence of localized and itinerant d-electrons 2—16093
La$_{0.7}$Cr$_{0.3}$MnO$_3$, coexistence of localized and itinerant d-electrons 2—16093
LaRuO$_3$, coexistence of localized and itinerant d-electrons 2—16093
Li-Mn mixed ferrite, valency induction effects on mag. props. 2—19905
LiAl$_5$O$_8$:Cr^{3+}, absorption, fluorescence, e.p.r. and n.m.r. for low symmetry 2—4492
LiCl, local environment of Te impurity 2—10319
LiNbO$_3$:Fe^{3+}, e.p.r. investigation of crystal field parameters 2—30010
LiNbO$_3$, e.p.r. of Fe^{3+} and Mn^{2+}, axial site obs. 2—30011
LiYF$_4$:Er^{3+}, mag. props. and sp. ht. calc. 2—40421
LiYF$_4$:Nd^{3+} ground term energy states, absorp. spectra obs. 2—20043
Lu$_{0.9035}$Er$_{0.0965}$, thermal and magnetic study of cryst. field energy levels 2—26088
MgCr$_2$O$_4$, structural distortion due to siting of Cr^{3+} ion 2—6438
MgO:Fe^{2+}, spin-phonon interaction contrib. to sp. ht. 2—6676
MgTe, e.s.r. of Mn^{2+}, field parameters 2—13541
Mn complexes, tetrahalomanganate (II), analysis of optical spectra using Tanabe-Sugano strong field schemes 2—40674
Mn^{2+}, in polycryst. sample, e.s.r. spectra calc. 2—36979
MnF$_2$:Ni,Fe, antiferromag., impurity mode energy calc. 2—16562
x Mn$_3$O$_4$+(1−x)Cu(Fe,Cr)$_2$O$_4$, cation distrib. rel. to lattice distortion, X-ray and neutron scatt. obs. 2—22720
NH$_4$F, e.s.r. of Cu^{2+}, tetrahedral site obs. 2—20149
NaCl:Br, field gradient tensor calcs. for nuclei round substitutional ion 2—26093
NaCl:K, field gradient tensor calcs. for nuclei round substitutional ion 2—26093
NaCl:Mn^{2+}, e.p.r., off-centre site obs. 2—10513
NaCl, doped, e.s.r. trapped-hole centre parameters 2—10516
NaCl, e.p.r. of Mn^{2+}, stress effects on ground state splitting 2—13542
NaCl, local environment of Te impurity 2—10319
Na[Fe(CN)$_5$X].nH$_2$O, elec. field gradient sign determ. 2—36790
Ni^{2+}, octahedral complex, overlapping and covalency effects on ionic cryst. optical spectra 2—19990
Ni(II) complex, (Et$_4$N)$_2$NiCl$_4$, lattice-ion interactions 2—36791
Ni$_3$TeO$_6$, mag. props. ligand field treatment 2—16348
Pb-Bi alloy in porous glass, spin-orbit effects, critical fields 2—19594
PbBr$_2$:Eu^{2+}, spin Hamiltonian parameters, e.p.r. obs. 2—33342
Pd, conduction electron propag., electron-ion matrix element determ. 2—1460
Pd, e.p.r. of Dy^{3+}, weak h.f.s., ion ground state 2—33343
PdH$_x$, electron-ion potential approx. model, muffin-tin potentials 2—1460
PrCl$_3$:Pr^{3+}, anisotropic spin-orbit coupling 2—29851
Pr$_{0.333}$Cu$_{0.1}$Al$_{0.566}$, rel. to peak in magnetic moment temp. dependence 2—10216
Pr$_2$Mn$_{3-x}$Zn$_x$(NO$_3$)$_{12}$.24H$_2$O, impurity bivalent ion perturb., Zeeman effect 2—4458
RbFeF$_3$, n.m.r. study 2—13554
RbMnF$_3$:Ni, antiferromag., impurity mode energy calc. 2—16562
ScVO$_4$:Er^{3+}, mag. props. and sp. ht. calc. 2—40421
Sm^{3+}, in metallic solid, paramag. susceptibility calc. 2—26002
Sn chalcohalides, field effect at Sn atom rel. to ionicity and chem. shift obs. 2—10329
SrCl$_2$:Yb^{3+}, low-lying levels, mag. susceptibility and optical absorpt. obs. 2—36888
SrF$_2$:Eu^{2+}, temp. depend. of zero field splitting 2—19940
SrF$_2$, ionic distortions of Tm^{2+} trigonal centres 2—40589
SrF$_2$, stress-induced g-shifts of Nd^{3+} and U^{3+}, freq. independ. 2—10524
SrMoO$_4$:Er^{3+}, mag. props. and sp. ht. calc. 2—40421
SrMoO$_4$:Gd^{3+}, e.p.r., tetragonal active centre obs. 2—10523
TaS$_2$(Se$_2$), 1s-forms, spin-orbit coupling 2—16412
Tb^{3+}, in oxygen dominated compounds, luminesc. and relax. props. 2—33318
TbAsO$_4$, crystal field comp. Tb^{3+} ground state, rel. to second order phase transition 2—10172
ThO$_2$, e.p.r. of ^{155}Gd^{3+}, allowed and forbidden lines 2—26288
ThO$_2$, spin-lattice interaction for Gd^{3+}, temp. depend. 2—26277
Ti$_x$O$_{2x-1}$ system, g-factor, splitting consts., spin-orbit coupling 2—36993
TmBi(N), field splittings, neutron scatt. obs. 2—40592
Tm$_2$(SO$_4$)$_3$.8H$_2$O, mag. ordering, sp.ht. obs. 2—16399
TmVO$_4$, spectra, mag. props., mol. field effects 2—22665
UAsS(Se)(Te), mag. props., struct., 77-1000K 2—26026
β-U$_2$N$_3$, rel. to mag. props., 77 to 300K 2—19885
V complex, [V(urea)$_6$]$^{3+}$, ligand field analysis of optical and mag. props. 2—13374
V^{2+} complexes, orthorhombic crystalline field theory 2—40593
V^{3+}, octahedral complex, overlapping and covalency effects on ionic cryst. optical spectra 2—19990
V(III) complex, trisacetylacetonate, lattice-ion interactions, calc. 2—36793
V$_2$O$_5$:Cr^{3+}, spin Hamiltonian parameters, e.s.r. obs. 2—4545
Xe matrix, calculation of ν_3 and ν_4 modes of deuterated methane 2—40668
Y:Gd, obs. of anisotropies in e.p.r. linewidth and resonance fields due to crystal field effects 2—4546
Y-Ce dilute alloys, Kondo effect, use of Coqblin-Schrieffer exchange interactions 2—1465

Crystal field theory continued
YAG:Er^{3+}, rel. to thermal and mag. props. calc. 2—36794
YAG:Lu, Nd, ion site distrib. and spectral line broadening 2—36853
YIG:Si, polarization-depend. photoinduced effects 2—26116
YPO$_4$:Er^{3+}, mag. props. and sp. ht. calc. 2—40421
YVO$_4$:Er^{3+}, mag. props. and sp. ht. calc. 2—40421
Yb$_2$O$_2$S, Yb^{3+} crystalline field from specific heat and mag. props. 2—19928
YbTe, 4f-5d electron collapse, pressure induced 2—10056
ZnGa$_2$O$_4$, e.s.r., zero-field splittings of Cr^{3+} 2—10501
ZnS:Mn^{2+}, e.p.r., axial impurity site obs. 2—26289
ZnS:Mn^{2+}, effect of spin-orbit and spin-spin interaction on Mn^{2+} ^{4}E(G) level 2—29853
ZnSe:Cu,Er^{3+}, cryst. field at Er^{3+}, LCAO-MO calcs. 2—26096
ZnSe, defect config. for Yb^{3+} and Er^{3+} codoped with Li, Ag and Cu 2—7019
ZnSiF$_6$.6H$_2$O:Mn^{2+}, spin-Hamiltonian higher order parameters, from ENDOR, at 4.2K 2—30028
ZnWO$_4$, e.p.r. of Cr^{3+} and Mn^{2+}, linewidth temp. depend., spin- phonon interaction 2—10493
Crystal fields *see Crystals/internal fields*
Crystal imperfections
see also Colour centres; Grain boundaries; Stacking faults
acoustic emission study, review 2—22314
alkali halide, admixture hardening 2—19235
alkali halide, radiation damage, MeV protons and He$^+$ ions 2—3754
alkaline earth fluorides, intrinsic pt. defect obs. using e.p.r. and ENDOR 2—30006
alloy, distrib., from thermal cond. 2—1439
alloy, heat conducting, defects rel. to treatment 2—32499
anthracene film, rel. to fluoresc. decay time 2—10443
binary metal oxide, nonstoichiometry, diffusion and elec. cond., book 2—39677
borosilicate glass, irrad. damage threshold 2—36250
Calvet microcalorimetry appl. 2—23413
carbazole, crystal, study of paramag. radiation defects 2—10489
ceramic, detection by i.r. and thermal techniques 2—25609
cholesteric-nematic multicomponent system, disinclinations, conc. depend. 2—9083
colour etching of polished surface 2—32497
composite material, detection by i.r. and thermal techniques 2—25609
computer simulation 2—15737
cracking in solids containing inclusions 2—32636
crystal interface defect struct., obs. of artificial boundaries 2—6503
cubic continuum, elastic interaction of point defects 2—22186
cubic cryst., displacement field of localized defects 2—9530
cubic crystal, double-force tensor of point defects, X-ray scatt. determ. 2—40019
cyclotrimethylene trinitramine, X- ray topographic study 2—9563
defect, motion, quantum rate theory 2—19071
defect origin, flux inclusions, in cryst. grown from fluxed melts 2—12699
defectoscope, acoustic impedance, amplitude-phase 2—32678
defectoscope parameters calc. for scintillation inspection 2—29374
defectoscopy, radio polariscope application 2—9384
deformation centre formation due to radiation damage, changes in structure of layer of material 2—3752
depleted zone formation and recovery, during neutron irrad., theory 2—6471
dichalcogenide, layered transition metal intercalation complexes, electron microscopy and diffraction examination 2—36008
dielectric, local defects detection using radiodefectoscope in reflection regime 2—29373
disclination, elliptical-edge, elastic energy 2—9545
disclination wedge loop, elastic field and strain energy 2—32513
disclinations in nonhomogeneous media, elastic field 2—12762
disinclination kinematics, four-dimensional formalism 2—22196
disordered lattice, resonant absorption energy shift for γ-rays calc. 2—19976
distortions and block size determinations from shape of diffraction lines 2—29112
duralumin tempered at 77 K, defect formation rel. to electrical and thermal conductivity in 60-100 K range 2—39667
echo defectoscope, frontal discrimination 2—32679
eddy current defectoscope, two-channel, noise immunity 2—29377
elastic continua, energy per defect calc. method for regular array 2—1231
electron irradiated material, cryostat for elasticity modulus and internal friction meas. 2—22319
electron microscopy, direct resolution 2—1233
electronic defect detection using Cherenkov counters 2—25366
electronic structure of point defects, Mossbauer and spin resonance obs., book 2—32876
fault detection based on meas. of mechanical noise of deformation 2—29160
f.c.c. cryst., partial disclinations, twin termination 2—25392
f.c.c. crystal, neutron irradiation damage and strengthening 2—15895
ferromagnetic film, point defects 2—4386
ferromagnetic sheet, defects of bubble lattice 2—16370
fluorene, crystal, study of paramag. radiation defects 2—10489
formation, sp. ht., temperature coefficient, direct measurement 2—25683
fracture specimens, scanning and transmission electron microscopy 2—9704
gamma defectoscope, sensitivity calculation 2—29375
glass, Ge-Te(Se), fast neutron damage threshold 2—1516
glass, laser damage, thermoluminesc. obs. 2—1240
Grand-jean texture in cholesteric phases, conc. depend. 2—9083
graphite, damage during pore struct. determ. by Hg under press. 2—3975
graphite, electron microscopy, in situ damage 2—9524
graphite, neutron irrad., negative magnetoresist. 2—22528
graphite, neutron irrad., submicroporosity, temp. and dose depend. 2—29165
graphite, neutron irrad. damage 2—3756
graphite, neutron irrad. damage 2—3759
graphite, vacant pore formation rel. to model for dimens. changes under neutron irrad. 2—12747
graphite, wide-angle convergent-beam electron diffr. study 2—3701
heavy ice, HF-doped, effect of defect sites on order-disorder changes 2—29486
h.v. electron microscopy critical voltage effect applics. 2—39611
ice, void form. on electron beam irrad. 2—39672
inert gas bubble growth kinetics, in polycrysts. 2—39665

Crystal imperfections continued
interacting defects, continuum theory 2—32515
intermetallic compounds, neutron irrad. effects 2—9518
ion bombardment induced radiation damage 2—15736
laser glass, transient phase objects, holographic detection 2—23609
laser solid, detect migration due to laser excited photon-phonon conversion 2—29212
lattice defects, theoretical analysis of weak-beam method of electron microscopy for studying geometry 2—29125
lattice dynamics, light scatt. i.r. absorpt. 2—29505
lattice dynamics for point defect with long range interaction 2—19316
localized defect, diffusion, multi-phonon process 2—1266
materials with simple microstructure, equations of motion 2—36087
metal, b.c.c. and h.c.p., point defect prod. on irrad., recovery 2—15745
metal, defect clustering, anomalous X-ray transmission, theory 2—15746
metal, distrib., from thermal cond. 2—1439
metal, fast neutron irradiation, resistivity, recombination volumes 2—25763
metal, f.c.c. and h.c.p., pair pot. calc. for point defect energies 2—15747
metal, irradiated, void nucleation rel. to fast breeder reactor processes 2—32490
metal, microvoids, effect on H_2 diffusion 2—39723
metal, neutron irrad., void nucleation, computer evaluation 2—29163
metal, secondary defects, nucleation, growth, annihilation 2—3766
metal, void formation suppression mechanism in Y-enhanced oxidation resistance 2—22877
metal and alloys, magnetic-after effect, defect processes 2—19860
metallic system, volume change meas. and characts. 2—3862
metallography, conference, Aalen, Germany, Sept. (1971) 2—32680
metallography, optical and scanning electron microscopy 2—32498
microfractography, electron microscopy 2—32640
misorientation produced during bending, in monochromator 2—3621
monatomic lattice, volume change assoc. with noncubic defects 2—3765
myoglobin, vibration and defect contribs. to temp. factors, Mossbauer and X-ray obs. 2—4041
neutron irrad. induced atomic displacement 2—12744
nuclear materials, irrad., rel. to swelling model 2—32489
oxide ceramic, defects, porosity, elastic consts., u.s. and fluorescence obs. 2—12978
oxide defect structures rel. to stoichiometry 2—9546
oxide fuels, mixed, irrad., chem. effects of comp. changes 2—545
Permalloy films, mag. domain, walls around dislocations 2—40508
point defect, diffusion in strain gradient 2—1267
point defect, in low anisotropy ferromag. film 2—4386
point defect, mech. interaction with a surface layer 2—32495
point defect dragging, contrib. to dislocation damping, theory 2—25399
point defects, diffusion in stress gradient 2—32496
point defects, rel. to ferromag. reson. line width, theory 2—7109
point defects, rel. to temp. depend. due to jog dragging of state I work hardening 2—9743
point defects due to neutron irradiation, e.p.r. obs. 2—6478
point mass defects in crystal surface, surfon scattering 2—6646
polycrystal, distorted, with generalized strain distrib., apparent particle size and strain 2—22199
polyethylene, linear, kink defects rel. to internal friction relax. peaks 2—3845
polyethylene crystals deformed after γ-irradiation 2—36124
polymer, radiation damage in electron microscope 2—19081
polythene, defect containing, vibrational props., numerical method 2—19394
pyrene, triplet excimer emission arising from lattice defects 2—4484
quartz, positron annihilation applic. as probe 2—32488
α-quartz, rel. to Ag electromigration 2—29223
radiation damage, defect formation and diffusion on heavy particle bombardment 2—39666
radiation damage, nuclear polarization and target uniformity 2—34772
reactor fuel material swelling, models verification, use of microstructural data 2—21473
rutile, crystallographic shear planes rel. to homogenous series formation in oxides 2—9549
scandium oxide, nonstoichiometric, plasma-synthesized, defect struct. 2—9344
scanning counter technique for defect distrib. in single cryts. 2—25302
scheelites, radiative paramag. defects, e.p.r. 2—13534
scintillation gamma defectoscope, defect contrast and detector sensitivity 2—29162
secondary Peierls relief, stationary kink motion 2—25389
semiconductor, Ge-Te(Se) glass, fast neutron damage threshold 2—1516
semiconductor, group II-VI and III-V cpds., displaced atomic species 2—6487
semiconductor, ion implanted, radiation damage, Rutherford scatt. obs. 2—19068
semiconductor single crystal, heavy ion bombardment, amorphous film production 2—25367
semiconductor zincblende alloys, atomic displacement effect on energy gap bowing 2—25839
semiconductors, charge state effects in displacement damage 2—19660
semiconductors, structural damage due to ion bombardment 2—25803
shear structure, diffr. effects 2—25297
solid, deformable, gas bubble growth and dynamics 2—9515
solid solution, AB_x, clastic model 2—36007
solid solution, neutron irradiation, computer simulation 2—3753
solid solution, nonequivalent nodes, cluster model 2—9763
steel, 316 stainless, 20 MeV C^{2+} irradiation, void swelling, dose depend. 2—6468
steel, casting, working, heat treatment, defect origin 2—32690
steel, failure, carcking rel. to inclusions 2—39813
steel, stainless, fast neutron damage, simulation by ion implantation 2—6475
steel, stainless, heavy ion bombardment 2—9517
steel, stainless, neutron irradiation, void formation, thermo-mechanical treatment effect 2—6469
steel, stainless, secondary defects formed on quench-ageing 2—1244
steel, stainless, void formation rel. to neutron irrad. temp., 400-600 °C 2—19073
substrate surface defects, role in metal film nucleation 2—39486
superconductor type II, rel. to flux pinning 2—29630
superconductors, interaction flux lines 2—1489
surface, notch-shaped, u.s. refl. study 2—1321
surface defects, low energy ion multiple refl. study 2—32331

Crystal imperfections continued
thulium ethyl sulphate, characterization of defect sites by e.p.r. investigations 2—33345
transition metal oxides, introduction of planar defects, non-stoichiometry 2—6394
ultrasonic defectoscopy, velocimetric method, both-sides variant 2—29161
void form. in deforming materials, press.- induced ductility 2—39780
void formation, during high energy particle irrad., theory 2—25365
void growth under applied stress, strain energy effects 2—22187
void lattice, energy per defect calc. method for regular array 2—1231
wurtzite type crystal, piezospectroscopy of defects 2—33247
X-ray small angle scattering by inhomogeneities 2—3622
Ag-Zn cold-worked alloy, role in radiation enhanced diffusion 2—9614
Ag, cold worked, internal friction, low temp. 2—12828
Ag, disclination involving five twins 2—32517
$AgAl_{11}O_{17}$, sodium β-alumina isomorph., stoichiometry and defect struct. rel. to cation mobility 2—18965
Al-3wt.%-Al, aged, precipitation structure, entangled dislocations 2—3952
Al, {110} surface, rel. to theoretical and expt. LEED patterns 2—32333
Al, defects due to Al^+ bombardment 2—39668
Al, fatigues, network pattern, electron microscope exam. 2—1251
Al, point defects role in h.f. fatigue 2—9643
Al, tilt boundaries, interfacial energy determ. 2—12776
Al, zone melted, prod. and disappearance of point defects, electron irradiation 2—9519
Al in welded joints, methods of det. 2—6488
Al pure, neutron irradiation at 20 K, electron microscope examination of defects 2—29164
Al_2O_3, refractive index of defects in synthetic corundum crystals grown by the Czochralski method 2—29872
Au, heavy ion irrad., cluster visibility, electron microscopy, chromatic aberration effect 2—9520
Au, Xe ion irradiated, cascade threshold energy for electron microscopy 2—9516
Au pure, neutron irradiation at 20 K, electron microscopic examination of defects 2—29164
Au surface, ion bombardment, cone formation 2—6474
B_4C, thermal neutron irrad., He bubble formation 2—3755
BaO, point defects obs. using e.p.r. 2—6478
Be, neutron irradiated, He gas bubbles formation 2—28147
$BiRhO_{3\|x}$, pyrochlore, defect. struct. stability rel. to chem. bonding 2—9458
C, pyrolitic, irrad. damage annealing, phys. props. 2—3757
CO, film, struct. defect conc., estimation from elect. cond. and residual resistivity 2—6349
CO solid, linear thermal expansion, 8-48K, orientational disordering effect 2—9894
CaF_2:Eu, zero phonon line, strain broadening rel. to lattice imperfections 2—4456
CaF_2 crystal diffusion of ^{133}Xe, 750-1000°C, defect trapping 2—22245
$Ca_{10}(PO_4)_6Cl_2$, sterically imposed nonstoichiometry 2—3769
$CaWO_4$, neutron irradiated, point defects obs., using e.p.r. 2—6478
$CaWO_4$, neutron irradiated, e.p.r. obs. of $S=3/2$ defect 2—20133
Cd, atomic displacements, electron- irradiated, energy range 0.5-1.7 MeV, at liquid He temps. 2—1234
Cd, electron irrad., low temp. damage and recovery, elec. resist. study 2—39669
Cd, plastically deformed, role in recovery of resist. 2—19559
$Cd_{10}(PO_4)_6Cl_2$, sterically imposed nonstoichiometry 2—3769
CdS:Cu phosphor, nonstoichiometry rel. to electrolum. brightness 2—40733
CdTe lattice disorder on implantation by Hg, Tl and Bi ions 2—25370
$CmAlO_3$, due to self-radiation from ^{244}Cm α-decay 2—12993
CmO_x, lattice swelling due to self-radiation from ^{244}Cm α-decay 2—12993
β-Co-γ-Co_2Ta, eutectic system, lamellar faults, branching, precip. 2—12720
Co, associated with internal friction peak 2—12831
$(Cr,Fe)_2Ti_{n-2}O_{2n-1}$, shear struct., X-ray and electron diffr. obs. 2—25243
Cu-Ni alloy, effect on Debye temp. 2—19383
Cu, anisotropic, point defect interaction with extended edge dislocation 2—22188
Cu, Cu^+ irrad., defect cluster size density and distrib. 2—1235
Cu, defect clusters produced by ion irrad. 2—39670
Cu, elastoresistivity, neutron irradiation effect, 20K 2—25371
Cu, electron irrad., defect prod. rel. to lattice parameter/resistivity change ratio 2—15740
Cu, electron irrad., point defect dragging contrib. to dislocation damping 2—25400
Cu, neutron irrad., cluster visibility, electron microscopy, chromatic aberration effect 2—9520
Cu, point defects, influence on dHvA effect 2—4147
Cu, single cryst., electron irrad. at 0.5 MeV, radiation damage 2—9532
Cu, stored energy after plastic deformation 2—3864
Cu surface, Ar ion bombardment, scanning electron microscopy 2—18921
$Cu_3Ge_{0.5}Sb_{0.5}$, stacking variation, 2-electron correlation model 2—29466
Cu_3Se_2, formed by solid state reaction, planar defects, elec. microscope obs. 2—36043
$Cu_{10}Sn_3$, stacking variation, 2-electron correlation model 2—29466
Dy, X-ray diffraction study of deformed samples, stacking fault probabilities 2—3772
Er, X-ray diffraction study of deformed samples, stacking fault probabilities 2—3772
$EuCr_2S_4$, electron microscope obs. 2—32507
Fe-Cr-Al, alloy, of thin oxide surface film 2—6490
Fe-Ni alloy, plastically deformed, effect on Hall coeff. and resist. 2—22492
Fe, Armco, plastically deformed, effect on Hall coeff. and resist. 2—22492
Fe, cavities, influence on diffusion of H 2—6514
Fe, increase in defect concentration due to plastic deformation 2—3865
α-Fe, volume change assoc. with noncubic defects 2—3765
Fe_3Al, radiation damage, computer simulation 2—39671
$Fe_{1-x}O$, wustite, effect of nonstoichiometry on Mossbauer spectrum 2—26128
Fe_7S_8, pyrrhotite, defect struct., electron microscope obs. 2—22201
GaAs:Cd, ion implantation damage, annealing 2—9521
GaAs, disturbed layer struct. 2—36010
GaAs, ion implanted, lattice damage 2—25372
GaAs, non-stoichiometry, precision lattice parameter obs. 2—6434
GaAs epitaxial layers, faceted surface defect formation 2—25200
GaP, annealing behaviour after Ne^+ irrad. 2—25374
GaP, electrolum. diode material, electron microscope obs. 2—29992

Crystal imperfections continued
  GaP, radiation damage due to implantation 2—25373
  GaP disorder, annealing induced by ion implantation study using Rutherford backscattering, channelling techniques with 1 MeV He ions 2—25421
  GaP epitaxial layers, growth defects 2—29032
  Gd, X-ray diffraction study of deformed samples, stacking fault probabilities 2—3772
  Ge:P,Sb,As,Bi, γ-ray irrad., role in defect formation 2—15777
  Ge-As solid solution, pseudodislocational interactions, dispersion strengthening 2—39697
  Ge, amorphous films, observation of voids at substrate temperatures of 25 and 150°C 2—9522
  Ge, disorder on ion implantation, channelling obs. 2—40108
  Ge, disturbed layer struct. 2—36010
  Ge, high purity, acceptors due to lattice defects 2—29698
  Ge, ion bombardment induced disorder, sputtered atom ejection pattern studies 2—22370
  Ge, ion irrad. defect production and removal, secondary electron emission monitoring 2—29169
  Ge, irrad.-induced defect form., light sensitivity 2—12749
  Ge, irrad., p-i-n struct. form. and s.c.l. current 2—25889
  Ge, irrad., p-i-n struct. form. 2—25888
  Ge, γ-irrad., radiation defect level density, dose depend. 2—15742
  p-Ge, neutron irradiation damage at 70 K, meas. isochronal annealing curves 2—29168
  Ge, proton irrad. damage, rel. to exo-electron emission 2—4318
  Ge surface, laser damage 2—12647
  Ge thin crystal, ion damage and annealing 2—22180
  Ge_xSe_{1-x} glass, fast neutron damage threshold 2—1516
  Ge_xTe_{1-x} glass, fast neutron damage threshold 2—1516
  HO, X-ray diffraction study of deformed samples, stacking fault probabilities 2—3772
  In, influence of ghost boundaries on grain boundary migration 2—9742
  In, plastically deformed, role in recovery of resist. 2—19559
  In, superconductor, pt. defects in compression enhancement of T_c 2—25787
  InSb, abrasion-induced surface damage 2—12649
  p-InSb, irrad. defects, cond. changes 2—6819
  InSb lattice disorder on implantation by Hg, Tl and Bi ions 2—25370
  KBr, elec. field gradient around point defects, continuum elasticity calc. 2—25385
  KCl, crystal, grown from melt, optical defects, monochromatic photographic obs. 2—32500
  KCl, droplet migration in thermal gradient 2—9523
  KCl, laser-stimulated atomic migration 2—25463
  KCl, proton irrad., effect of channelling 2—19130
  KCl, thermomigration of biphase vapour-liq. droplets 2—25375
  KI, elec. field gradient around point defects, continuum elasticity calc. 2—25385
  KI, proton irrad., effect of channelling 2—19130
  $K_3[Fe(CN_6)]$, proton radiation damage, Mossbauer obs. 2—16438
  $K_4[Fe(CN_6)].3H_2O$, proton radiation damage, Mossbauer obs. 2—16438
  LiF, impure, X-irrad., induced lattice const. changes 2—9525
  LiF, neutron irrad., defects, struct., effect of annealing 2—32487
  LiF, proton irrad., effect of channelling 2—19130
  LiF, reactor irrad., macropore formation 2—19075
  $Mg_{28}Ge_{7.5}O_{38}F_{10}$, defect clusters, X-ray diffr. 2—25336
  $MgO{:}Mn^{2+}$ powder, e.p.r., particle size depend. 2—6479
  MgO, radiation damage, MeV protons and He^+ ions 2—3754
  MnO, single cryst., nonstoich. disorder 2—1519
  $MnSi_{1.75-x}$, defect cpd., electron diffr. study 2—22189
  Mo, neutron irrad. and cold worked high temp. recovery 2—15743
  Mo, neutron irrad. damage and annealing 2—19077
  Mo, void lattice and regular arrays 2—1231
  $MoO_3{:}Ni$, defect struct., temp. and oxygen press. depend. 2—10026
  NH_4Cl, formation energy rel. to charge transport 2—36586
  $NaBr(Cl){:}M^{2+}$, (M=Ba, Ca, Sr), irrad. type effects on symmetry of paramagnetic centres 2—26285
  NaCl, proton irrad., effect of channelling 2—19130
  NaF, point defects, formation and annealing 2—1245
  NaF, proton irrad., effect of channelling 2—19130
  Nb_2O_5-WO_3 Wadsley defects effect of annealing 2—3792
  Nb_2O_5, defect struct., correl. between lattice fringes and atomic positions 2—19056
  Nb_2Se, Nb_3Se_4 void channels 2—3723
  Nb_3Te_4 void channels 2—3723
  Ni-Cr-Al, alloy, of thin oxide surface film 2—6490
  Ni, effect on Debye temp. 2—19383
  Ni, electron irradiated in h.v. elec. microscope, point defect cluster formation 2—19069
  Ni, film, polycryst., rel, to annealing behaviour of induced anisotropy 2—16381
  Ni, foil and powder, effect of H_2 2—15941
  Ni, giant laser pulse irrad., point defect form. 2—9533
  Ni, neutron irradiation , void growth and nucleation 2—9526
  Ni, plastically deformed, effect on Hall coeff. and resist. 2—22492
  Ni, proton irradiation, void formation by flash heating 2—22177
  Ni casting, defect struct., secondary boundary structures 2—15772
  Ni foil, 20 MeV C^{2+} bombardment, void formation, swelling rel. to dose 2—6476
  Pb-Bi, type II superconductor, flux line-defect interaction distances 2—19555
  Pb, double annealing, grain growth 2—32501
  Pb, plastically deformed, role in recovery of resist. 2—19559
  PbS films, struct. defects, photosensitivity depend. 2—3773
  β-Pu, length change due to self- irradiation damage, 4K 2—19080
  Re, fast particle irrad. and cold worked, low temp. recovery spectrum 2—15744
  Si:B, ion implanted, rel. to lattice parameters 2—9488
  p-Si:B, subthreshold electron irrad. effects 2—12752
  Si:B ion implanted, post implantation of Si ions, enhanced annealing effects 2—25428
  Si:Li, radiation-induced extrinsic photocond. and radiation damage 2—25958
  Si:Li solar cell, neutron irradiation damage 2—22179
  Si:Sb,O implantation disorder, ionization and thermal dependences 2—25376
  n-Si-Fe, recombination at Fe atoms and thermally generated lattice defects 2—36549

Crystal imperfections continued
  Si, atomic mismatch on closure of controlled partial splits. shear displacement 2—19095
  Si, B^+, P^+, and Ne^+ ion implantations, crystal damage and elec. props. 2—25380
  Si, defect. struct., high-resolution phase-contrast electron microscopy obs. 2—6491
  Si, detection using chemical etch method 2—1241
  Si, disloc. free float-zone crystal, microdefects, annealing and etching obs. 2—3569
  Si, disorder on ion implantation, channelling obs. 2—40108
  Si, disturbed layer struct. 2—36010
  Si, electrical crystal disturbances depiction, with electron beam probe 2—29706
  Si, electron irrad., isothermal annealing of luminesc. 2—10428
  Si, epitaxial film on sapphire, structure defects 2—6354
  Si, grown in and process induced defects, effect on epitaxial growth 2—25248
  Si, implantation damage, study by proton backscatt. 2—25705
  Si, implantation disorder, effects of flux, temp., and ionization 2—22182
  Si, ion-bombarded, lattice strain 2—36021
  Si, ion bombarded, rel. to crystalline-amorphous transition 2—25159
  Si, ion implantation damage, stress measurements 2—25379
  Si, ion implanted, localized surface defects 2—9527
  Si, ion implanted, paramag. defect inventory, e.p.r. obs. 2—26264
  Si, ion implanted, precision lattice parameter obs. 2—3763
  Si, ion implanted, struct. differences in light and heavy ion disorder, channelling obs. 2—25378
  Si, ion irrad. damage, electron microscope obs. and elec. meas. 2—22181
  Si, lattice disorder due to ion-bombardment, amorphous layers depth meas. 2—39675
  Si, low temp. electron irrad. effects, a.c. hopping cond. 2—29170
  Si, oxidized, floating-zoned, dislocation free, spotty defects 2—19104
  Si, proton irrad. damage, rel. to exo-electron emission 2—4318
  Si, single crystal film, dimpling, ion produced lattice damage 2—25368
  Si epitaxial layer, ion channelling studies 2—19084
  Si planar Zener diode, correlation between lattice defects and elec. props. 2—33032
  Si thin crystal, ion damage and annealing 2—22180
  SiC irrad., e.p.r. obs. 2—1729
  SiC whiskers, neutron irrad. damage 2—39674
  SiO_2 layer, activation energy of charge carrier diffusion 2—25911
  Sn-In thin films, void nucleation and marker motion during electromigration 2—39747
  Sn, double annealing, grain growth 2—32501
  Sn, low temp. thermal cycling, grain growth, secondary recrystallization 2—32691
  Sn, plastically deformed, role in recovery of resist. 2—19559
  Sn, superconductor, pt. defects in compression enhancement of T_c 2—25787
  Sn_xWO_3 orthorhombic bronzes, struct., X-ray and electron diffr. 2—25347
  $SrCr_2S_4$, electron microscope obs. 2—32507
  SrF_2, radiation damage, MeV protons and He^+ ions 2—3754
  Ta_2S void channels 2—3723
  Te, surface defects influence on carrier density and elec. cond. 2—10062
  Te, X-ray diffraction study of deformed samples, stacking fault probabilities 2—3772
  Ti, electron irrad., threshold energy for atomic displacements 2—25382
  TiO_2, prep. by chem. transport reaction, stoichiometry rel. to phys. props. 2—39584
  TiO_2, reduced, electric charge transport, nonstoichiometry, defect ordering 2—29171
  TiO_2, reduced, point defect diffusion, contamination influence 2—29224
  U_3Si fuel elements, burnup and swelling temp. depend. 2—546
  V-Fe alloys, deform. struct. 2—33117
  W, interstitials produced by low energy Ar ions. field ion microscopy investigation 2—39676
  W, irrad. under stress., induced growth 2—32492
  W, neutron radiation damage annealing, electron microscopy 2—9758
  W vortex plate, cracking in gas combustion, metallography 2—32641
  $WO_3{:}Nb_2O_5$, crystallographic shear, electron microscopy and diffr. 2—25412
  YAG-YbAG, optical centres 2—20051
  Y_2O_3, pt. defect obs. using thermoelectronic emission 2—29172
  ZnSe, point defects, rel. to self diffusion of Zn and Se 2—3825
  ZrO_2, milled zirconia, rel. to monoclinic- tetragonal transformation 2—29484
  ZrO_2, nonstoichiometric, defect model, rel. to thermogravimetric data 2—29448

dislocations
  alkali halide, admixture hardening 2—19235
  alkali halide, role in internal friction process, theory 2—15806
  alkali halide, rosettes, rel. to rigidity 2—6562
  alkali halides, deformed by ultrasound, dislocation motion 2—6537
  alkali halides, interaction with colour centres, u.s. studies 2—29529
  alkali halides, planar interstitial clusters giving rise to dislocation-loop contrast studied using electron microscope 2—19092
  alkali halides, rel. to twist grain boundaries 2—9579
  alkali halides, surface dislocation charge, u.s. obs. 2—29180
  alloy, dispersed precipitate, critical resolved shear stress 2—3861
  alloy, f.c.c., incoherent annealing twin boundary, elec. microscope obs. 2—9572
  alloy, $L1_0$ superstructure, resistance to motion 2—6493
  alloy, lattice thermal resist. due to dislocations 2—32850
  alloy, substitutional, serrated flow, Portevin-Le Chatelier effect 2—22263
  alnico alloy, superstruct. defects, thermal antiphase domains, superdislocations 2—29175
  anharmonicity contribs. to dislocation drag 2—32512
  anisotropic cryst., displacement fields of straight dislocations 2—32511
  anisotropic cubic cryst., mixed dislocation interaction with point defect stress fields 2—36024
  anisotropic inhomogeneous media, elastic stresses of edge dislocation 2—25391
  anisotropic media, displacement and plastic distortion fields 2—34038
  anisotropic medium, forces of interaction of two dislocations 2—36022
  anthracene, elec. microscope obs., role in photochemical reactions 2—30088
  anthracene, electron microscopy, diffr. contrast method 2—25413
  bimetallic media, stress fields for edge dislocation 2—12760
  binary solid solution, rel. to radiation-induced strengthening 2—36224

Crystal imperfections continued
  dislocations continued
    Borrmann contrast, theory 2—22205
    β-brass, annealing, high temp. deformation, discontinuous yielding, superdislocation climb 2—39781
    β-brass, single crystals, generated at upper yield 2—3853
    breakaway from randomly placed pinning agents, high temp. 2—9550
    cholesterics, obs. of helical dislocations wound round straight dislocations 2—3365
    chrysene, single cryst., grown from the melt 2—19009
    composite, W/Cu, etch pit study 2—15946
    core struct., atomistic model 2—9551
    Cottrell atmospheres form. around edge dislocations 2—39685
    cracks, relation between crack and crystal lattice disloc. 2—6572
    creep, stress reversal, mechanical equations of state 2—3877
    creep due to Frenkel defects and interstitialcies 2—39688
    creep kinetics rel. to viscous bowing 2—32613
    creep mechanism, work hardening/recovery model, mech. eqns. of state 2—39691
    cubic cryst., shear loop images 2—39689
    cubic crystal, effect on magnon relax. 2—3774
    cyclotrimethylene trinitramine, correl. with etch pits, X-ray method 2—3783
    cyclotrimethylene trinitramine, X- ray topographic study 2—9563
    damping, due to defect dragging, theory 2—25399
    damping forces, stress pulse disloc. velocity obs. 2—32509
    dechannelling cross section, calc. 2—40100
    defect electronics in semiconductors, book 2—5111
    deformation fronts, simple demonstration of pinning 2—29176
    dependent field, uniqueness problem 2—39682
    diamond-type cryst., dissoc. and mobility 2—39702
    dielectric, thermal phonon scatt. by dislocation elastic field 2—6662
    rel. to disinclination kinematics, theory 2—22196
    double-ended slip line model 2—19099
    edge, elastic props., couple-stresses influence 2—12761
    edge, in non-linear continuum of second order 2—39683
    edge and screw, theory 2—36028
    eicosane, rel. to internal friction loss peaks 2—3844
    elastic energy, straight disloc. in infinite anisotropic elastic medium 2—1253
    elastic interaction with nearby inclusion 2—15756
    elastic twinning, dislocation theory, effect of plastic deformation 2—25398
    electromechanical coupling due to charged dislocations 2—40363
    electron micrograph, stereoscopic anal. of dislocation distrib. 2—9555
    electron micrographs, analytical expression for black-white contrast figures 2—22204
    electron microscope images, many-beam contrast effects 2—9552
    electron microscopy, high angle tilting apparatus applic. 2—29178
    f.c.c. crystal, obstacle radius of screw dislocation pile-up 2—19098
    ferromagnet, uniaxial, magnon relax. on dislocations 2—6951
    ferromagnetics, dislocation struct., obs. by mag. techniques 2—36023
    film, stresses due to periodic distrib. 2—12763
    frictional behaviour of S-137 material and surface layer struct. 2—29341
    grain boundary, field ion and electron microscopy obs. 2—19108
    grain boundary dislocation and deform. by cryst. glide dislocations 2—25390
    graphite, low temp. irrad., rel. to Young's modulus and internal friction changes 2—22259
    group II-VI compound, motion rel. to photopolasticity 2—19175
    rel. to hardening phenomena in alloys, ferromagnets and superconductors 2—39912
    Heisenberg antiferromagnet, linear defect, coupled spin-wave states 2—22698
    helices and loop formation mechanism at precip. particles 2—25397
    hexamethylene tetramine, X-ray topographic study 2—36037
    ice, density increase due to diffused HF, X-ray topography obs. 2—39698
    inclination boundary bending under action of edge dislocations 2—9554
    interacting defects, continuum theory 2—32515
    ionic crystals, distrib. of charge and potential near edge and screw dislocations 2—29179
    ionic crystals, jog and kink interactions 2—39692
    isotropic continuum, stresses produced by continuous distribution of moving dislocations 2—19097
    linear defects in sub-boundaries 2—3776
    localized vibr. modes associated with screw dislocations 2—19338
    long-range interaction between screw dislocation and spherical inclusion 2—39687
    loop nucleation model for irradiated solids 2—25396
    loops, mobility, thermal gradient driven motion, pipe-diffusion 2—25441
    lunar samples, h.v. transmission electron microscopy 2—10999
    martensite from Fe-Ni-C alloy, explanation of peak in internal friction 2—39765
    material interface, edge dislocation pile ups, stress conc. 2—32637
    materials testing and quality control 2—19233
    metal, b.c.c., rel. to internal friction 2—12826
    metal, bubble raft grain boundary model 2—15770
    metal, f.c.c., twinning-gliding dislocations interactions, deform. twins growth and struct. 2—15766
    metal, mobility prevention methods rel. to raising of yield pt. 2—12923
    metal, plastic deform., review 2—12845
    metal, plastically deformed, high voltage electron microscopy 2—3863
    metal, polycrystal, plastically deformed, internal friction, Granato-Lucke theory, Rogers and Grelli modifications 2—12827
    metal, quench hardening, book 2—12930
    metal, rel. to friction and adhesion 2—3921
    metal, rel. to friction stress during high temp. creep, theory 2—12866
    metal, strain amplitude damping 2—3775
    metal, vel. and density determ. from deform., waves of continuous yielding 2—36108
    metal, weakening and superconductivity transition 2—22499
    metal and alloys, magnetic-after effect, domain struct. 2—19860
    metal microvolume decohesion, variable stress, dislocation density 2—36026
    metals, plastic deformation, review 2—39778
    metals, plasticity, internal variable thermodynamic theory 2—12843
    metals, rel. to low temp. creep, exhaustion theory 2—39795
    metals and rocks of earth's crust, internal friction components 2—29240
    MoS_2, natural molybdenite, cold working, microstructure, X-ray line broadening 2—25409
    motion, thermally activated, through localized obstacles 2—39690

Crystal imperfections continued
  dislocations continued
    motion among random obstacles in presence of viscous drag 2—39686
    movement, slip planes, plasticity theory 2—19176
    multiribbon, interaction with twin domain boundaries, stacking fault energy 2—25394
    networks in high-angle grain boundaries, 0-lattice theory 2—39706
    neutron irradiated material, role in creep 2—22273
    noncubic crystal, climb, dilatometric and X-ray thermal expan. obs. 2—19431
    nonlinear continuum, elastic field of screw dislocation dipole 2—22202
    parallel edge dislocations, slip stability, analysis 2—36038
    phonon boundary scatt. model, heat pulse detection process 2—9850
    plastic deform., dislocation slip, considered in colloidal chem. framework 2—32514
    plastic slip spread in notched half-plane 2—11333
    point defects and dislocations, new techniques 2—36025
    polyethylene, linear jog motion rel. to internal friction relax. peaks 2—3845
    quantum mechanics of dislocation motion 2—15759
    rare earth gallium garnets, defect elimination, Czochralski growth 2—29099
    refractories, sintering, densification, effect of dislocations 2—36260
    scanning electron microscopy, defect images calc. 2—19036
    scanning electron microscopy obs. 2—19037
    screw, generation from grain boundary ledges 2—15758
    screw, interaction with interstitial impurity atom in b.c.c. lattice, orientation effects 2—22203
    screw arrays, applied stress behaviour 2—15757
    semiconductor, GaP epitaxial p-n junc., misfit dislocations 2—4248
    semiconductor, Ge, Plastic deform. effect on thermoelectric power 2—4233
    semiconductor, hot electron recombination at dislocations 2—9990
    semiconductor, role in cryst. growth 2—6400
    semiconductor with high Peierls barriers, charged impurity influence on dislocation mobility 2—29177
    semiconductors, electrical properties 2—29697
    single crystal, pure, rel. to load elongation and creep curve calc. 2—25499
    slip plane, effect on n-p-n planar transistor performance 2—1544
    speed, viscous friction effects 2—6492
    splitting into two dislocations in stress field 2—39684
    steel, austenite, diffusion of C, effect of annealing struct. defects 2—32561
    steel, austenitic stainless, correlation between strain hardening parameters and dislocation substruct. 2—32703
    steel, austentic, arrays rel. to intercryst. and corrosion cracking 2—33381
    steel, cleavage cracks, obs. 2—29318
    steel, dislocation loops of C, role in formation of internal friction peaks 2—39926
    steel, Fe-Cr-Ni, pinning in hardening process during ageing 2—32697
    steel, impurity-dislocation reactions, deform. kinetics rel. to serrated yielding 2—22208
    steel, loops, due to neutron irrad. 2—1232
    steel, low-C, dislocation struct. form. under static and cyclic loads 2—39783
    steel, maraging, role in hardening mechanism 2—36217
    steel, Nb-stabilized austenitic stainless, rel. to fatigue failure 2—32629
    steel, rel. to cementite particle fracture mechanism 2—39839
    steel, role in martensitic transform. 2—6637
    steel, stainless, neutron irradiation, void formation rel. to thermomechanical treatment 2—6469
    steel, stainless, rel. to stacking faults and $\gamma \rightarrow \varepsilon$ transform. 2—40003
    steel, stainless, types 304 and 316, fast reactor irrad. damage 2—1236
    steel, stainless TRIP, mech. props. rel. to austenite formation temp. 2—12857
    steel, strain-ageing, dislocation model, stress-strain behaviour 2—22330
    strain deformation, dislocation movements, single crystal niobium 2—3884
    strain distrib. function 2—12767
    strain fields analysis using X-ray diffr. 2—1252
    stress analysis 2—32516
    stress field action 2—25395
    superconductor, dislocation motion in supercond. and normal states, theory 2—12766
    superconductor, electron-dislocation interaction 2—13164
    superconductor, energy losses of moving dislocation, electronic component 2—25783
    superdislocation segment, bowing, de Wit and Koehler approx. 2—36029
    superdislocation segment, bowing, de Wit and Koehler approx. 2—36030
    surface deformation, resulting dislocations, electron microscope examination 2—1250
    thin crystal, contrast in X-ray topographs 2—36027
    three plane interactions 2—12768
    transmission electron microscope observation 2—3777
    triglycine sulphate, grown from slightly supersaturated solns. 2—18993
    tunnelling through Peierls barriers 2—38251
    two phase material, circular prismatic disloc. loop 2—25393
    two-dimensional crystal, rel. to melting 2—28942
    ultimate tensile stress, structure sensitivity 2—25492
    u.s. study of resistance to dislocation motion 2—19096
    vacancy cluster transform. into loops in melt growth 2—9534
    vibration, with movable pinning points 2—25401
    viscous drag effect on motion through array of discrete obstacles 2—12764
    rel.to void formation, during high energy particle irrad., theory 2—25365
    wear tracks, asperities, electron microscopy 2—9720
    Zircalloy-2, cold-rolled, X-ray and electron microscope obs. 2—29185
    Ag, cold worked, internal friction, lattice defects, low temp. 2—12828
    Ag, etchant characts. 2—9556
    Ag, recrystallization, role of impurities, internal friction meas., Granato-Lucke model 2—9736
    Ag, Shockley partial separations, electron microscope obs., weak beam method 2—3787
    Ag, thick film, single cryst., dislocation struct., Luders deform. 2—6543
    Ag, thin cryst., slip morphology size depend. 2—22206
    Ag acicular crystals, electrocrystallization, dislocation mechanism 2—25215
    Ag film on Pd, partial misfit dislocations 2—9262
    Ag_3Mg, long period ordered, plastic deformation, stacking faults, dislocation splitting 2—25501
    Al-Cu alloy, rel. to loss of coherency of θ' precipitates 2—12966
    Al-$CuAl_2$ eutectic, Zn diffusion 2—3818
    Al-Mg alloy, Mg precip. at dislocations, elastic limit obs. 2—36104

Crystal imperfections continued
dislocations continued
Al-Mg alloy, rel. to Portevin- LeChatelier effect, grain size influence 2—39774
Al-Zn, alloy, interactions, rel. to stacking fault energy 2—9566
Al, distrib. difference for crysts. prepared by hardening-annealing and recrystn. 2—25402
Al, effect of In on dislocation-loop annealing 2—12769
Al, elec. irrad. damage in h.v. elec. microscope, disloc. loops formed 2—32491
Al, plastically deformed at 77K, role in ageing 2—19245
Al, point defect-dislocation interaction, anelastic behaviour, plastic deform., internal friction meas. 80-500K 2—12830
Al, quenched, annealing behaviour of three- and four-layer dislocation loops 2—39693
Al, quenched, loop density 2—15822
Al, rel. to stress and temp. depend. of creep mechanism 2—9671
Al, steady-state creep, jog form. on screw components 2—39796
Al, surface layer dislocation substruct., on fatigue cycling 2—12887
Al, u.s. attenuation, dislocation unpinning contrib. 2—13034
Al, u.s. fatigue structures 2—39818
Al single crystal, density variation during high temp. creep, etch pit obs. 2—32518
Al_2O_3, corundum, passive faces and imperfection surfaces during growth 2—18970
Al_2O_3, corundum whiskers, plastic deform. mechanism 2—6545
Al_2O_3, sapphire, Burgers vectors of basal dislocations 2—9557
Al_2O_3, sapphire, etch pitting study 2—9244
Au-0.65at.%Zn, Frank loops, temp. dependance, activation energy 3589 2—3589
Au, Frank loops, temp. dependance, activation energy 2—3589
Au, plastically deformed, irrad., dislocation-point defect interaction models, internal friction 2—9642
AuCu alloy, hardened, annealed, Frank loops 2—15760
$AuCu_3$, alloy, quenched, annealed, dislocation loops, Frank loops, Shockley dislocations 2—6494
B_4C, extended, nodes, twin boundary energy, electrons, diffr. obs. 2—25403
$BaSO_4$, density evaluation by etching techniques 2—3571
Be, temp. depend. of cct. resolved shear stresses for basal and prismatic slip 2—32622
Bi/Sb films, interface lattice mismatch obs. 2—1176
Bi/Sb films, interface lattice mismatch obs. 2—1175
$CaCO_3$, synthetic, etching obs. 2—25249
$CaCo_3$, expansion of twin lamella, mechanism 2—9571
CaF_2, doped single cryst., etching kinetics 2—29181
Cd, cold working, defect production and recovery, 77K, elec. resist. obs. 2—25411
Cd, vacancy source and sink, dilatometric and X-ray thermal exp. obs. 2—22428
CdI, electron microscope obs. in basal oriented platelets 2—32510
CdI_2, dislocation kinetics in polytype transform. 2—25622
CdI_2, polytypic crystals, movement of edge dislocations 2—1390
CdI_2, rel. to rhombohedral polytype form. 2—12772
CdS, influence on optical props. 2—10369
Co, epitaxial, misfit dislocations at substrate-film interface 2—32361
Cr, polycryst., high-temp. creep, dislocation climb, mech. 2—32616
Cr, with Cr_2O_3 inclusions, pressurization induced dislocation density 2—12850
CsI, laser irrad. induced crowdion deform. mechanism 2—6495
Cu-2at.%(10at.%Al, work hardened, stage II, dislocation arrangements, electron microscope obs. 2—3788
Cu-Ag alloy, climb, precip. mechanism 2—1367
Cu-Al-Fe alloy, rel. to superplasticity 2—32606
Cu-Al-Zn alloy, dislocation nodes, rel. to stacking fault energy 2—12773
Cu-(10 at.%)Al alloy, computer simulated image comparison 2—22207
Cu-(1.9 wt.%)Be alloy, precip. cutting/bowing rel. to UTS and fatigue props. 2—22283
Cu-(1.9wt.%)Co, Cu-(2wt.%)Co-(6wt.%)Zn alloys, glide dislocs. cutting precipitates, ageing mechanism 2—3913
Cu-Co, work hardened, single crystals containing coherent precipitates, X-ray obs. 2—3936
Cu-Co alloy, work hardening, electron microscope obs. 2—19243
Cu-Cr dil. alloy, cold-drawn, annealing effects 2—36197
Cu-Ga, solid soln., moving-forest dislocation interaction, internal friction 2—15804
Cu-Ge solid soln., dislocation struct. of deform. twins, Burgers vectors 2—29182
Cu-Ni alloy, density, effect on Debye temp. 2—19383
Cu-(1wt.%)Si single crystals, microstrain behaviour, slip initiation 3885 2—3885
Cu-Ti alloy, rel. to decomp. and strengthening 2—39922
Cu. anisotropic, point defect interaction with extended edge dislocation 2—22188
Cu, arrangements resulting from Zn diffusion 2—25404
Cu, defect clusters produced by ion irrad. 2—39670
Cu, deformed, disloc. cell size and density, elec. microscope obs. 2—36031
Cu, deformed, positron interaction with disloc. cores 2—3778
Cu, electron irrad., dislocation pinning 2—9560
Cu, electron irrad., Frank loops, growth and form, vacancy and interstitial absorpt. 2—3789
Cu, electron irrad., point defect dragging contrib. to dislocation damping 2—25400
Cu, flow stress mechanism, effect of pressurizing 2—12851
Cu, mobility, at 44 K, torsion technique obs. 2—32519
Cu, mobility, at 44K, torsion technique obs. 2—32519
Cu, mobility of prismatic half-loops 2—9559
Cu, motion before and after yielding 2—1289
Cu, partial, stacking fault energy, electron microscope obs., weak beam method 2—3786
Cu, plastically deformed, hydrogenated, dislocation-H interaction, internal friction 2—12832
Cu, rel. to diffusion of Ru, 725-1062°C 2—12803
Cu, rel. to internal friction under neutron irrad. and fatigue 2—15805
Cu, rel. to stress and temp. depend. of creep mechanism 2—9671
Cu, Shockley partial separations, electron microscope obs., weak beam method 2—3787
Cu, striational boundary formation under melt growth 2—39694
Cu, thermal damping, u.s. attenuation obs. 2—25405
Cu, torsional fatique, 78 K, shear modulus, internal friction 2—22260

Crystal imperfections continued
dislocations continued
Cu, with oxide inclusions, dislocation struct. formed by pressurizing 2—15761
Cu crystal, conical indentation on cube face, deformation process 2—1288
Cu single crystal, microstrain behaviour, slip initiation 2—3885
$CuAl_2$, rel. to plastic deform. 2—19180
CuAlZn alloy, work hardened, extended clusters, energy obs. 2—15762
α-FE, 650-850C, transmission electron microscopy study of dislocation structure development 2—3779
Fe-Al alloy, disloc. and antiphase boundaries, elec. microscope obs. 2—25406
Fe-Al alloy, ordered, vacancy elimination due to linear defect form. 2—39695
Fe-C system, microstructure stability during cyclic deformation 2—32724
Fe-Co-V, hot drawing, elastic limit, electron microscopy 2—9780
Fe-Cr-Ni-P, steel, stainless, austenitic, quenching defects, precip., microstruct. 2—6483
Fe-Mn alloy, shock deformed, role in recovery 2—9653
Fe-Ni-C alloy, martensites, morphology rel. to formation temp. 2—12775
Fe-Ni-Cr alloy, role in martensite nucleation 2—32768
Fe-Ni alloy, diffusion of C, effect of annealing struct. defects 2—32561
Fe-Ni alloy, shock loading, hardness, twinning, acicular struct., α-γ transformation 2—3867
Fe-Ni film, electrodeposited on cylindrical substrate, rel. to internal stresses 2—40506
Fe-Ni martensite, transform. induced substructs., X-ray and elec. microscope obs. 2—22358
Fe-Si, dynamics during high temp. creep 2—39799
Fe-Si, interaction with ferromag. domains, x-ray obs. 2—10198
Fe-Si, rel. to elastic anisotropy 2—9633
Fe-Si alloy, mobility at edge and screw dislocs., h.v. elec. microscope obs. 2—25407
Fe, Armco, cyclic bending deformation, absorptional fatigue 2—29300
Fe, carbonyl, annealing, deformation, H permeability, 100-650°C 2—29218
α-Fe, cleavage fracture initiation and propagation, twin intersection 2—12883
Fe, crystal interaction between domain walls and dislocations under effect of mag. field 2—25473
Fe, density in heat treated samples 2—19242
α-Fe, steady state creep rate, stress depend. 2—25408
α-Fe, yield, flow stresses, grain size dependence dislocation model 2—3854
Fe deformed, dislocation structs., HVEM analysis 2—39696
GaAs, disturbed layer struct. 2—36010
n-GaAs, photoluminesc., vacancy correl. with dislocations 2—16607
epitaxial GaAs, X-ray topographical measurement techniques 2—32364
GaAs single crystal, Czochralski grown, temperature field and thermal stress field effects on disloc. struct. form. 2—32520
GaAs;Te influence of dislocation densities on output characteristics of injection lasers 2—17641
GaP, electrolum. diode material, electron microscope obs. 2—29992
GaP, epitaxial p-n junc., X-ray topography obs. of misfit dislocations 2—4248
GaP epitaxial layers, growth defects 2—29032
Ge:Te, precipitate form. on growth dislocations 2—12770
Ge-As solid solution, interaction with pseudodislocations, dispersion strengthening 2—39697
Ge, correl. with Li precip. kinetics 2—3798
n-Ge, current carrier mobility, 77-300K 2—22564
Ge, dislocation electronic states, Hall effect obs. 2—25857
Ge, disturbed layer struct. 2—36010
Ge, effect on u.s. attenuation 2—40062
n-Ge, elec. effects on screw dislocations 2—10064
Ge, electronic states, absorpt. study 2—40289
Ge, epitaxial layers grown in the gas phase, X-ray obs. 2—6496
Ge, half-loop formation by microhardness indentor 2—36032
Ge, illumination effect on mobility 2—32521
n-Ge, intrinsic photocond. quenching 2—25956
Ge, plastic deform. effect on thermoelectric power 2—4233
Ge, plastically deformed, rel. to internal friction 2—19165
Ge, polarization and i.r. absorption 2—10381
n-Ge, recomb. at dislocations, effect on high field photocond. 2—29766
Ge, role in cryst. growth 2—6400
Ge film, dislocation density, rel. to deposition conditions 2—29035
Hg single crystal at 4.2K, high-magnetic-field effect on electron-dislocation interaction 2—25674
$Hg_xCd_{1-x}Te$, etching study 2—9558
In, normal and superconducting, thermally activated glide 2—22209
InAs, containing coherent twin boundaries, electron microscope obs. 2—19106
Ir, heavy ion radiation damage 2—39673
K, deformed, annealing and recovery spectrum 2—19089
K, deformed, model for stage-B recovery 2—19090
KBr, rel. to twist grain boundaries 2—9579
KCl-KBr, solid soln., polygon wall motion, load compression curve 2—9659
KCl, γ-irradiated, rel. to colour centre conc. effect on yield point 2—15838
KCl, γ-irradiated, stress relaxation 2—9660
KCl, strain related F-centre colouring, dependence on dislocation content 2—3803
KCl, stress induced shift, local obstructions 2—19100
KH_2PO_4, ferroelec., existence of dislocations at domain tips 2—22623
Kcl, low temp. electron irradiation damage 2—12750
LiF:Mg, Cottrel clouds and Fleisher interaction, rel. to crit. resolved shear stress 2—32705
LiF:Mg^{2+}, slip deformed, impurities influence on struct. parameters 2—9561
LiF, charged dislocation mobility and mech. vibrs. 2—10128
LiF, deformed, dislocation loop density and length meas. 2—36033
LiF, deformed, thermal phonon scatt. by mobile dislocations 2—13026
LiF, influence on thermal cond. 2—19461
LiF, motion correl. with acoustic emission 2—4044
LiF, phonon scatt., thermal conductivity obs. 2—16069
LiF, reactor irrad., role in macropore formation 2—19075
LiF, surface dislocation struct. formed by scratching with needle 2—32522
LiF, thermal phonon-dislocation interaction 2—32856
Mg-Ag alloy, serrated yielding mechanism 2—29260
Mg-Zn alloys, role in strengthening by precip. hardening 2—6599

Crystal imperfections continued
dislocations continued
Mg, cold working, defect production and recovery, 77K, elec. resist. obs. 2—25411
Mg, MgO-dispersion strengthened, rel. to high temp. creep 2—25598
MgO, immersed in N,N- dimethylformamide and dimethylsulphoxide, Rebinder effect 2—39699
MgO, pipe diffusion 2—32523
MgO, plastic deformation annealing, vacancy and interstitial loops 2—32524
Mo-(35 at. %)Re alloy, slip patterns and deform. twins correl. 2—15765
Mo, dislocation relation peaks, investigations in principal directions at 10, 20, 50 MHz 2—29251
Mo, neutron irrad. damage, loop contrast 2—19079
Mo, neutron irrad. damage and annealing 2—19077
Mo, rel. to fatigue behaviour 2—39829
Mo, u.s. attenuation, internal friction 2—6497
NH_4ClO_4 single crystal, effect of gamma radiation 2—6441
NH_4I, role in cryst. growth from soln., on mica substrate 2—35937
NaCl, damping coeffs. variation during γ-irrad. 2—3780
NaCl, deformed, substruct. components, Kossel line obs. 2—9547
NaCl, impurity-enhanced dissolution studies 2—32398
NaCl, influence on u.s. attenuation 2—29534
NaCl, inhibition kinetics at dislocation sites, during etching 2—3568
NaCl, γ-irradiated, rel. to colour centre conc. effect on yield point 2—15838
NaCl, γ-irradiated, stress relaxation 2—9660
NaCl, low temp. triboluminesc. 2—10456
NaCl, motion, at low temps. 2—39700
NaCl, motion correl. with acoustic emission 2—4044
NaCl, motion in elec. field 2—1695
NaCl, plastic deform. and strain hardening mechanism 2—39789
NaCl, rel. to n.m.r. line broadening anisotropy 2—10560
NaCl, rel. to twist grain boundaries 2—9579
NaCl, role in surface relief change on plastic deform. 2—9251
NaCl, slip mechanism, 1.4 to 573 K 2—32623
NaI, rel. to n.m.r. line broadening anisotropy 2—10560
Nb-H alloy, plastic deform., effect on elec. resistivity 2—39935
Nb-Ta alloy, type II superconductor, critical current depend. on defect structure of flux line lattice 2—19556
Nb-Ti alloy, Young's modulus, rel. to dislocation-impurity enteraction after cold working 2—36095
Nb-Zr alloy, supercond. wires critical current density control by dislocation substruct. 2—40209
Nb, cold deformed, dislocation rearrangement rel. to time and temp., 1273-1473K 2—36034
Nb, crystals, deform., flux line dislocation interaction, dislocation density rel. to annealing 2—25410
Nb, damping by phonon viscosity 2—29183
Nb, density effects rel. to stage III recovery deform. temp. depend. 2—25575
Nb, supercond., rel. to u.s. attenuation 2—36465
Nb film, supercond., rel. to flux line lattice 2—19592
Nb single crystal, rel. to deformation twinning, pre-strain effects 2—32538
Nb single crystal, strain deformation, dislocation movements 2—3884
NbC_x, shocked, dislocation density determ. 2—29328
Ni/ZrO_2 composite, dispersion-strengthened 2—12874
Ni, deformed at high press., dislocation struct., flow stress 2—22210
Ni, density, effect on Debye temp. 2—19383
Ni, dislocation density, porosity, pore-cracks, rel. to high temp. creep 2—12730
Ni, Ni-Cu alloy, radiation damage in 500 kV microscope 2—1238
Ni, plastically deformed, rel. to ferromag. reson. 2—36972
Ni, rel. to mag. props. anisotropy after plastic deform. 2—40450
Ni, steady state creep rate 2—9676
Ni, surface layer dislocation substruct., on fatigue cycling 2—12887
Ni alloy, precipitation hardened, rel. to creep induced twinning 2—9574
Ni single crystal, electrolytic decoration with Cu 2—39701
Ni volumetric effects during heating after u.s. vibrs. 2—39894
βNiAl, reactions in high temp. creep, elec. microscope obs. 2—9677
Ni_3Al, rel. to temp. and strain rate depend. of mech. props. 2—12861
Ni_3Al alloy, hardening mechanism 2—6547
Ni_3Al alloy, superdislocation braking, defect capture 2—6548
Ni_2Cr alloy, critical shear stress, ordering effects 2—9662
Ni_3Ga, rel. to temp. depend. of yield stress 2—3870
Ni_3Mo alloy, rel. to dissociated antiphase boundaries 2—9548
Pb, etch pit count rel. to critical shear stress 2—6549
Pb, rel. to stress and temp. depend. of creep mechanism 2—9671
Pb, thermal damping, u.s. attenuation obs. 2—25405
PbTe, effect of impurities on homogeneity and dislocation struct. 2—36035
PbTe epitaxial films, substrate influence 2—9279
Pt electron irrad., dislocation, defect interactions, pinning, depinning, anelastic effects 2—1239
Sb-Bi alloy, grown by zone melting, etching study 2—39589
Sb, grown by zone melting, etching study 2—39589
Sb cleavage foil, dislocation geometry, electron microscope obs. 2—19101
Sb_2Te_3, electron microscope obs. 2—12771
Se, form. and motion during crystn. from amorphous phase 2—32525
Si-Ge alloys, helical surface, etch pit obs. of impurity segregation 2—6331
Si, autoepitaxial, dislocations at film-substrate interface 2—1184
Si, disturbed layer struct. 2—36010
Si, effect on I-V characts. of m.o.s. struct. 2—36573
Si, glide band form. 2—36036
Si, i.r. transmission microscope obs. 2—15763
Si, ion irrad. damage, electron microscope obs. and elec. meas. 2—22181
Si, role in cryst. growth 2—6400
Si, wafer, thermal consitions for dislocation generation 2—32526
Si dissociation and stacking fault energy calc. 2—3781
Si transistor, bipolar, generation at surface heterogeneities 2—33035
Si wafers, thermal oxidation effects 2—25181
α-SiC, correl. with etch hillocks on carbon faces 2—29005
SiC, rel. to fracture, elec. microscope obs. of fracture chips 2—9691
SiC whiskers, neutron irrad. damage 2—39674
β-Si_3N_4, Burgers vectors and slip planes 2—19102
SiO_2, artificial quartz, passive faces and imperfection surfaces during growth 2—18970
β-Sn, jogs, at. arrangement, slip-forest dislocation elastic interaction 2—9491
$SrSO_4$, density evaluation by etching technique 2—3571
$SrSO_4$, rosette distrib. around indentation 2—3782

Crystal imperfections continued
dislocations continued
Te, lattice interactions, rel. to elastic limit 2—3855
Ti, motion under plastic deformation, resistance by dispersed phase 2—9664
α-Ti, stress/strain relations, activation enthalpy 2—22211
TiC_x, shocked, dislocation density determ. 2—29328
TiO_2, rutile, role in recovery of high temp. creep-resistant substruct. 2—29272
UO_2, deform. in compression, slip planes, shear stresses, dislocation structs. 2—32527
V-Ti-Nb-Si, rate determining effect in creep mechanism 2—1295
V-Ti alloy, rel. to solid soln. strengthening and weakening 2—29441
VC, cleavage fracture 2—22288
V_2O_5, conductivity mechanism and rel. to interstitial formation involved in catalysis 2—4220
W, etch pits, light figures 2—12765
W, foil, ion irradiated, black-white contrast figures from small disloc. loops 2—32528
W, interaction with C atoms, tensile tests, internal friction meas. 2—29184
W, irrad. under stress, Burgers vectors 2—32492
WC, powders, dislocation density rel. to sintering behaviour 2—22348
WSe_2, effect of configuration on energy gap 2—36534
Zn-Mg dilute alloy, role in age hardening 2—29405
Zn, basal and non-basal, interactions, function of stress, at 298K and 84K 2—39703
Zn, disloc, substruct. annealing behaviour, before and after laser induced damage, X-ray obs. 2—22184
Zn, dragging atom effects on dislocation damping 2—9562
Zn, loops, electron microscope obs. 2—15764
Zn, mobility, at 44K, torsion technique obs. 2—32519
Zn, motion correl. with acoustic emission 2—4044
Zn, rel. to electrically induced deform. before brittle fracture 2—36121
Zn, rel. to local evaporation and whisker growth 2—39471
ZnS:Cu, electroluminesc., nature of luminous regions, dislocation theory 2—40736
ZnS polytypes abundance rel. to Burgers vector strength 2—9497
ZnSe, irrad., rel. to wurtzite-zincblende transform. 2—9529
Zr-Sn solid soln., substruct. strengthening 2—12953
Zr, cold rolled, polygonization, recrystallization, electron microscopy 2—6502
Zr, plastically deformed, (c+a) type Burgers vectors 2—36123
α-Zr, substruct. strengthening 2—12953
ZrB_2 single crystal, plastic deform., Burgers vector 2—15841
ZrC_x, shocked, dislocation density determ. 2—29328
impurities
acenaphthene: acenaphthylene, identification of two impurity sites 2—36891
alkali halide, precipitation, review 2—3794
alkali halides, absorpt. band centre shift of OH^- and OD^- impurities 2—4455
alkali halides, investigation of eqns. for diffusion of impurity divalent ions 2—9591
alkali halides, matrix shifts of h.f.s. consts. of Mn and Mn^+ centres 2—7024
alkali halides, off-centre displacement of atomic impurities 2—32549
alkali halides, uniaxial stress effects on off-centre pot. of Cu^+ and Ag^+ 2—20020
alloy, heat conducting, defects rel. to treatment 2—32499
amorphous solid, implanted ions, lateral spread, analysis 2—19082
apatite, e.p.r. of Mn^{2+}, impurity distrib. regularities 2—10498
atomic collisions in solids IV-physics of channelling and related phenomena, conference Gausdal, Norway, Sept. (1971) 2—36379
b.c.c. lattice, screw dislocation interaction with interstitial impurity atom, orientation effects 2—22203
calcium tartrate, effect of Fe^{3+} on cryst. growth in gels 2—15685
cluster formation of ion-defect pairs in compensated lattices 2—15776
complex vibrs. and interactions 2—15997
corundum, effect on i.r. reflection spectra 2—33235
crystal growth, spiral mechanism, impurity distrib. 2—39574
crystals, non-uniform, diffusion flux eqns., statistical-kinetic theory 2—25456
diamond, diffusion of charged impurities, correlation factor 2—29192
diamond, impurity induced one phonon absorpt. 2—20028
diamond, inhomogeneous, impurity platelet distrib. and size 2—9588
diamond, synthetic, Ni struct. impurity, e.p.r. obs. 2—13535
diamond-type covalent crystals, electronic props., extended Huckel method 2—9531
diamond-type cryst., electronic props., extended Huckel method applic. 2—13085
p- dichlorobenzene, α-ray irrad., impurity form., cryst. struct. effect, n.q.r. obs. 2—26317
diffusion, interstitial-substitutional dissociative mechanism 2—6509
diffusion conc. gradient, immersion method, microscopy and refractive index obs. 2—19135
diffusion rel. to linewidth, line position of fine struct. Mossbauer spectra 2—19980
diffusional relaxation process 2—22258
1,1-diphenylethylene: diphenyldiazomethane, local struct. from spectral obs. of photolysis 2—37055
doped monovalent metal nitrates, defect mobility and density 2—3771
elastic vibr. spectra, effect of linear defects with heavy impurities 2—25488
electron probe microanalysis 2—30124
EPIC semiconductor technology, two step impurity diffusion into finite crystals 2—36552
f.c.c. lattice, correl. factor for impurity diffusion by divacancy mechanism 2—32557
rel. to ferromagnetic resonance line width, theory 2—7109
film, ion implanted, backscatt. analysis 2—39708
films, metal and dielec., ion implantation doping effects 2—29189
foil, strains due to nonuniform impurity distrib., theory 2—35877
graphite, thermal cond., effect of B or Br doping 2—22429
graphitem pyrolytic, B doped, neutron irrad. 900-1200°C, effect on dimen. changes 2—19432
heavy ice, HF-doped, effect of defect sites on order-disorder changes 2—29486
inelastic incoherent neutron scattering, mass and central force const. changes 2—32793
interstitial thermal diffusion of light impurity atoms, random walk model 2—22241

Crystal imperfections continued
  impurities continued
    ion entrapment in sites associated with radiation damage, theory 2—6470
    ionic cryst., CsCl-type, influence on elastic consts. 2—3830
    ionic cryst., impurity induced absorpt. and reduced thermal cond. vs. temp., correl. 2—19438
    ionic crystals, tellurate and tellurite doped, impurity induced i.r. absorption 2—16481
    isooctane containing impurities coronene and benzpyrene in solution, effect of polymorphic transformation on luminescence spectra 2—29959
    LaF_3:Nd^{3+}, LaF_3:Er^{3+} solubility and distrib. from ions quenching 2—10424
    laser materials, heat diffusion near absorbing centres 2—23608
    laser materials, metallic and dielectric inclusions 2—23607
    light scatt., multiphonon, from impurity centres 2—16452
    localized modes and cell-model limit 2—13020
    location in lattice, backscattered ions analysis 2—15653
    magnetic, exactly solvable model 2—4333
    metal, f.c.c. and h.c.p., stacking fault energy, conc. depend. 2—22212
    metal surface, Auger spectroscopy 2—1503
    metals, giant impurity diamagnetism, calc. using bound impurity orbitals 2—1602
    methane, Kr and Xe influence on low temp. sp. ht. 2—9890
    Mossbauer line broadening and weakening due to impurity diffusion 2—13441
    multilayer film, depth distrib., ion back scattering analysis 2—15659
    p-n junction formation by in-pile irradiation doping of Si^{30} 2—13280
    particles, pores, macroscopic defect mobility 2—25441
    periclase, additives effects on dielec. props. 2—16260
    α-quartz, influence on optical absorpt. and rotatory power 2—10305
    quartz, positron annihilation applic. as probe 2—32488
    α- quartz, synthetic, dynamics of impurities 2—19387
    quartz, yellow colour centres, Fe^{3+} and Co^{3+} doping 2—19131
    rare earth gallium garnets, defect elimination, Czochralski growth 2—29099
    segregation coeff., compensation effect from resist. meas. 2—32548
    semiconductor, compensated, programmed growth rate 2—3572
    semiconductor, direct method for impurity distrib. determ. 2—15775
    semiconductor, impurity state redistrib. due to impurity-phonon interaction 2—40028
    semiconductor, InSb, solubility and distrib. coeff. 2—1254
    semiconductor, uniform distrib., growth rate program 2—1211
    semiconductor epitaxial structures, concentration estimation, spectral analysis after chemical laminar etching 2—29194
    semiconductors, analysis by spark source mass spectrometry 2—16691
    semiconductors, det. by emission spectros. 2—16708
    semiconductors, from doping and processing, mass spectrometric obs. 2—16696
    semiconductors, ion bombardment, impurity diffusion, carrier behaviour 2—25803
    solubility in binary ordering alloy, press. depend. 2—22333
    solubility in binary ordering alloy, vol. effects 2—22334
    steel, $\chi' \rightarrow \alpha_m$ transform., onset temp., effect of C 2—1392
    steel, austenitic stainless, stress corrosion cracking. effect of alloying elements 2—29326
    steel, high strength construction, ductile-brittle transition, rare earth additions effect 2—15797
    steel, impurity-dislocation reactions, deform. kinetics rel. to serrated yielding 2—22208
    steel, non-metallic inclusion flotation, simulation expt. 2—3414
    steel, nonmetallic inclusions, determination techniques 2—1257
    steel, temper embrittlement, segration, Auger spectroscopy 2—3897
    steel, XC 38, ductility, inclusions effects 2—15853
    steel austenitic, form. of NbC inclusions, effect of hardening conditions 2—36234
    stochastic problems, multiple scatt. effects 2—36398
    thermal expansion affected by small concentrations, spectroscopic applications 2—16041
    vibration modes and lattice relax. 2—19339
    Ag-CdO composites effect of additives from Groups IA, IIA on morphology, properties 2—36261
    Ag, recrystallization, role of impurities, internal friction meas. 2—9736
    Ag surface, incipient melting. in presence of S and O_2 2—1260
    Al-Mg alloy, influence of alloying additions on fracture and mech. props. 2—12846
    Al-Zn alloy, vacancy-Zn atom pair binding energy 2—36017
    Al-Zn based alloy, interaction with vacancies 2—9754
    Al-(4.4 at.%)Zn alloy, ageing. clustering, solute-vacancy binding energies, ternary additions 2—6481
    Al, 99.5% pure, solute redistrib. during grain boundary migration 2—36229
    Al, dislocation loop annealing, effect of In 2—12769
    Al, migration towards dislocations 2—13034
    Al, Mn-vacancy interactions obs. by quenching 2—12755
    Al film, distrib. of Ti atoms 2—12653
    Al film, distrib. of Ti atoms during deposition of Al on Ti 2—12654
    Al_2O_3, effects on radiation induced swelling 2—12745
    Al_2O_3, film, influence on phase transitions 2—1389
    Al_2O_3, influence on Cr^{3+} spin-lattice relax. 2—10264
    Al_2O_3, influence on phase transformations 2—1388
    Al_2O_3, initial sintering, effect of TiO_2 addition 2—36194
    α-Al_2O_3, sapphire, transition metal doped, H incorporation by H_2, high temp., i.r. study 2—9584
    As_2Se_3, glass, crystn. rate control by impurity addition 2—28974
    Au-Cd alloy, martensitic transform., effect of solute substitution 2—12990
    Au, electrodeposited, gas filled voids, effect of annealing 2—12746
    Au, plastically deformed, irrad., internal friction peaks rel. to impurity conc. 2—9642
    $BaTiO_3$:Nb, Nb distrib. rel. to grain growth 2—1269
    $BaTiO_3$, (001) face, LEED, temp. depend. 2—6319
    $Bi_2Fe_4O_9$, chromium doped, Mossbauer effect obs. 2—4442
    CaF_2, trigonal symmetry complexes with hydride ions paired to rare earth ions 2—19113
    CaO, optical and e.p.r. obs. of $[Na]^0$ and $[Li]^0$ centres 2—33257
    Cd, hardening at 4 K, resist. obs., electron microscopy 2—15753
    CdS:Ga, spectra obs. of structure change dependent on impurity conc. 2—26162
    CdS:Te, migration and incorporation, vapour pressure method, concentration profile detn. 2—9593
    CdS, ion-implanted Bi depth distrib. 2—39710

Crystal imperfections continued
  impurities continued
    CdS, Se and Te diffusion, possible ternary cpd. prep. 2—3820
    CdSb:Ag(Ge)(Te) layers, doping and elec. props. 2—36046
    CdSe, S and Te diffusion, possible ternary cpd. prep. 2—3820
    CdTe, S and Se diffusion, possible ternary cpd. prep. 2—3820
    CrO_2, effects on mag. props. 2—16393
    CsBr(I), far-i.r. absorpt. due to impurities, phonon density 2—19366
    CsCl, impurity modes and effective force consts. 2—25661
    CsI, with impurity ions, i.r. absorpt. spectra, lattice dynamical calc. 2—40661
    Cu:Au, substitutional at. interaction with channelled ions, ion backscatt. obs. 2—36050
    Cu-Be alloy, h.v. electron microscopy, effect on in situ damage 2—22183
    Cu-M dilute alloys, M=Au, Be, Co, Mg, Mn, Ni, Pt, Sb, Zn, impurity-Cu interstitial interaction 2—12759
    Cu, electrodeposition, o-phenanthroline incorporation, grain boundary distrib., X-ray small angle scatt. 2—19114
    Cu, h.v. electron microscopy, effect on in situ damage 2—22183
    Cu solid solutions, rel. to low temp. intergranular brittleness 2—19203
    Fe-Al-Cr alloy, oxidation resist. and mech. props., effect of Ti and Mo 2—29430
    Fe-Ni-Cr, steel, B solubility, interstitial and substitutional lattice site occupation 2—22339
    Fe-Ni, quenched-in vacancies, influence of hydrogen 2—39679
    Fe-Si alloy, primary recrystn., effect on grain growth rate 2—39890
    Fe-transition metal dilute alloy, spin-lattice relax. time 2—19932
    Fe, cast, effect of O, S and trace elements 2—12970
    Fe, cast, effect on brittleness 2—39832
    Fe, lattice location of Xe implants 2—9907
    Fe, liq., effect on diffusion of hydrogen 2—25063
    Fe alloy, low C content determ., electron microprobe technique 2—37069
    GaAs:Al(P), implanted, i.r. localized vibr. mode absorpt. 2—13474
    GaAs:Cu, impurity vibrs. of defect complexes 2—36316
    GaAs:Zn, diffusion of Zn, conc. profiles in diffused region 2—22224
    n-GaAs:Zn, ion bombarded, enhanced diffusion 2—25446
    GaAs, doping during liquid phase epitaxial growth 2—29104
    GaAs, epitaxial, effects of $AsCl_3$ conc. on impurity incorporation 2—9276
    n-GaAs, homoepitaxial, impurity distribution 2—1259
    GaAs, i.r. absorpt. bands due to localized vibrs. of B and C 2—33263
    GaAs epitaxial layers, doping profile, Schottky contact study 2—25431
    GaAs epitaxial layers, doping level and impurity distrib., substrate temp. effects 2—18938
    GaAs films, n and n^+ type, homoepitaxial, obs. using ion microanalyzer 2—16694
    $GaAs_{0.6}P_{0.4}$:Te, diffusion of Zn, from Ga-P-Zn source, p-n junction form. 2—9586
    GaP:B, impurity conc. reduction under electron irrad. 2—29167
    GaP:Bi, hot-implant behaviour 2—25432
    GaP:O, liquid phase epitaxial growth, on oxygen incorporation, rel. to luminesc. props. 2—39593
    GaP, electrolum. diode material, effect on fault density 2—29992
    GaP, localized vibr. modes of light impurities 2—13025
    GaP, zone melted, Zn distrib. determ. 2—1258
    GaP epitaxial layer, doping gradient, C-V characts. 2—22222
    GaSb, Fe and Co distrib. during zone melting 2—25274
    GaSb, microanalysis for Si and S by direct obs. of resonant nuclear reactions 2—10681
    Ge:B, Ga, P, As ion implanted, doping profiles, elec. and layer removal technique 2—25859
    Ge:Co, Fe, Ni, Ag, Au, excited by laser rad., electron-hole recomb. at deep impurity centres 2—22558
    Ge:Hg, grown by gas transport, limiting Hg conc. 2—29095
    Ge:Na, constant vapour source diffusion, solubility detn. 2—36056
    Ge:P, γ-irrad., impurity-vacancy complexes 2—15741
    Ge:P,Sb,As,Bi, γ-ray irrad., role in defect formation 2—15777
    Ge:Sb, Li, irrad., impurity-vacancy complexes 2—12756
    Ge:Te, precipitate form. on growth dislocations 2—12770
    Ge, Li precip. kinetics, correl. with dislocation character 2—3798
    Ge, precip. of Li, anomalous X-ray transmission obs. 2—15778
    Ge, precip. of Li, X-ray diffr. obs. 2—9813
    Ge epitaxial film, microtwin conc. rel. to growth impurities 2—39513
    $(HF)_6$, CNDO/2 study of properties of ionic defect structure 2—9596
    HgSe, effect of annealing in Se on stoichiometry 2—25442
    $In_xGa_{1-x}As$, epitaxial, doping 2—1216
    InI_3, impurity distrib., evaluation of purification by directional crystn. 2—29100
    InSb:Te, solubility and distrib. coeff. 2—1254
    InSb, Fe and Co distrib. during zone melting 2—25274
    KBr, doping by dynamic compression of layer on surface 2—9587
    KBr(Cl), impurity-induced far-i.r. absorpt., phonon spectra 2—26168
    KBr(Cl)(I), elastic interaction of O_2^- centres 2—22186
    KCl:NH_4Cl, local torsional and translational modes 2—19399
    KCl:NO_2^-, effect of Ca^{2+}, Ba^{2+}, Pb^{2+}, Rb^+ or I- on low temp. spectra 2—16492
    KCl:Pb, determination of conc. limits for isomorphic substitution 2—39711
    KCl:Sr^{2+} cluster formation of ion-defect pairs 2—15776
    $KMnF_3$:Mg, Neel temp. shift and e.p.r. linewidth 2—10508
    $LaAlO_3$:^{17}O, dopant conc. rel. to ^{17}O conc. in constituents 2—18984
    Li:Na, substitutional electro- and thermotransport 2—15787
    Li, impurity-vacancy complex, rel. to ^{22}Na diffusion 2—19145
    LiF:Mg^{2+}, influence on dislocation struct. parameters 2—9561
    LiF:Mn^{2+}, e.p.r. 2—36989
    LiF, effects on elastic precursor decay 2—39770
    LiF, effects on elastic precursor decay 2—39771
    $Li_xV_{2-y}Mo_y(W_y)O_5$ bronzes, substitution effect on cryst. struct. 2—9474
    Mg, castings, study of NaCl and KCl inclusions by neutron radiography 2—12781
    MgO:^{17}O, dopant conc. rel. to ^{17}O conc. in constituents 2—18984
    NO_2^-, in alkali halide cryst., reson. secondary radiation spectra, hot and scatt. luminesc. 2—16639
    NaCl:$CaCl_2$, dielectric loss study, effect of impurity vacancy complexes 2—16267
    NaCl:Cu^+ Raman active resonance modes, overtones and anharmonicity 2—20076
    NaCl:Fe^{3+}, e.s.r. lines due to Fe_2O_3 agglomerates 2—10515
    NaCl:M^{2+}, M=Ca, Cd, Mn, Mg, divalent impurity-vacancy complex reorientation obs. using thermocurrent method 2—12757

Crystal imperfections continued
impurities continued
NaCl:Pb, determination of conc. limits for isomorphic substitution 2—39711
NaCl, diffusion of impurity Ca^{2+} ions, investigation of eqns. 2—9591
NaCl, doping by dynamic compression of layer on surface 2—9587
NaCl, impurity-enhanced dissolution studies 2—32398
NaF, impurity-sensitive etchant 2—25433
NaF, point defects, formation and annealing 2—1245
NaI:Cd^{2+}, impurity-vacancy complexes contrib. to n.m.r. relax. 2—9626
NaI:Cd^{2+}, impurity-vacancy complexes 2—9625
NaI, elastic interaction of O_2^- centres 2—22186
β-$Na_xV_{2-x}Mo_xO_5$ bronzes, substitution effect on cryst. struct. 2—3714
Nb-Ti alloy, Young's modulus, rel. to dislocation-impurity enteraction after cold working 2—36095
Nb, O atom clustering effects rel. to stage III recovery deform. temp. depend. 2—25575
Nb_3Sn ribbon, doping effect on high field supercond. props. 2—32944
PbTe, effect on homogeneity and dislocation struct. 2—36035
$Pb(Zr.Ti)O_3$, ceramics, mech. quality factor, impurity effects 2—13325
Pu-Ga alloy, plastic deformation, mech. props. rel. to temp. and homogeneity 2—15839
Rb halides with O^{2-} at vacancies, dielectric loss measurements 2—6484
Si:Al, solid solubility, electron microprobe analysis 2—3795
Si:As, lattice location, beam effects in He ion channelling 2—32550
Si:B, doping by BF_2 molecule implantation 2—25429
Si:B, epitaxial grwth, effect of water vapour on doping 2—12665
Si:B, profile, from BN film diffusion source 2—3796
Si:B,P, lattice contraction coefficients detn. 2—22225
Si:B diffused, surface layer conc. of boron 2—9589
Si:B implanted, acceptor profiles, damage depth distrib. 2—6504
Si:B implanted, deep level centre obs. 2—4231
Si:B ion implanted, conc. distrib. and atom location, ion produced x-ray obs. 2—25436
Si:B ion implanted, elec. profile and annealing behaviour 2—25867
Si:B ion implanted, enhanced annealing effects, by postimplantation of Si ions 2—19112
Si:B ion implanted, random and channelled distrib. 2—25427
Si:C, conc. effect on thermal donor formation 2—19117
Si:C ion implanted, substitutional, localized mode obs. 2—25377
Si:Cs, ion implanted, for control of positive surface charge at Si-SiO_2 interfaces 2—10078
Si:Ga, In ion implanted, atom location, enhanced diffusion case, He ion backscatt. obs. 2—25438
Si:In, Sb ion implanted, conc. profiles, enhanced diffusion and elec. props. 2—25439
Si:In ion implanted, impurity profile detn. 2—25871
Si:Li, precipitation, X-ray topography obs. 2—19115
Si:Li,B, ion pairing and ground state degeneracy, resistivity and Hall effect obs. 2—36053
Si:N ion implanted buried layer, physical and elec. props. 2—25440
Si:O, annealed, neutron irrad., O conc., i.r. absorpt. spectra 2—22223
Si:P,As, simultaneous diffusion, backscatt. He ion and radioactive analysis obs. 2—32551
Si:P ion implanted, channelling profiles 2—19111
Si:P ion implanted, non-Gaussian profile, mechanisms discussed 2—25437
Si:P ion implanted, profiles and elec. activity 2—25866
Si:Y, γ-irrad., and thermally processed, A-centre form. 2—1534
Si:Yb, ion backscatt. and channelling obs. 2—36054
Si:Yb ion implanted, atom location, flux peaking 2—25435
Si-Ge alloys, helical surface, etch pit obs. of impurity segregation 2—6331
Si-Ge alloys, localized vibr. modes of B-Li pairs 2—13482
Si, cobalt-vacancy complexes, Mossbauer obs. 2—1675
Si, diffusion of elec. active impurities 2—12785
Si, dopant distribution, laser irrad. effect 2—3797
Si, enhanced diffusion of ion implanted Sb 2—29191
Si, impurity concentration profiles, anodic oxidation technique 2—3799
Si, interference effect on annealing temp. of A and E centres 2—9539
Si, interstitial diffusion of C, Ge traps 2—15780
Si, ion implantation 2—22221
Si, profile estimation of high-conc. As diffusions 2—25447
n-Si, reactor irrad. enhanced hetero-diffusion of Zn and Au 2—29193
Si crystal, P ion implanted, profiles, calc. 2—25426
Si epitaxial layer, temp. depend. of doping conc. of As and P 2—25209
Si(Li), Li-B ion pair formation and Li precipitation 2—1255
SiO_2 film, depth profile, secondary ion emission study 2—16333
$Sr_{1-x}Ba_xNb_2O_6$, grown in Pt crucible, epitaxial Pt particle contamination 2—39579
Ta, mixed state, N_2 distrib. obs. using rot. hysteresis 2—32954
Te:Ag(Sb) layers, doping and elec. props. 2—36046
Ti, impurity conc. reduction by dynamic strain ageing, 77-1026K 2—25581
TiO_2, rutile, e.s.r. of Co^{2+}, impurity- vacancy assoc. 2—16650
TiO_2, rutile, e.s.r. of Co^{2+}, impurity-interstitial assoc. 2—16651
V-Ti alloy, solid soln. strengthening and weakening 2—29441
V, mixed state, N_2 distrib. obs. using rot. hysteresis 2—32954
V, neutron irrad., annealing, effect of interstitial impurities, 375-575K 2—25443
W, dislocation interaction with C atoms, tensile tests, internal friction meas. 2—29184
$Y_3Al_5O_{12}$:Nd^{3+},Lu^{3+}, Czochralski grown, distrib. coeffs. 2—19118
Zn, dragging atom effects on dislocation damping 2—9562
$Zn_xCd_{1-x}S$:Mn monocrystals, photoluminescence spectra, determ. position of maximum of Mn emission band 2—29999
ZnO:V^+, conversion of trivalent V to divalent ions by heating in Zn vapour, meas. e.s.r. spectra of V^{2+} at low temp. 2—25415
ZnS, doped film sputtering on Si 2—32384
ZnS, melt grown or hydrothermally prep., optical spectra studies 2—36055
ZnS, polytypism and phase transformations, Cu doping effects 2—25350
ZnS phosphors, effect of adding NaCl and preliminary heating in H on thermoluminescence 2—16631
ZnSe, defect config. for Yb^{3+} and Er^{3+} codoped with Li, Ag and Cu 2—7019
α-Zr, stressed, O_2, Fe impurities, effect on age hardening 2—12786
interstitials
alkali halide, vacuum u.v. irrad., Frenkel pair prod. rel. to glow peaks 2—16629
alkali halides, planar interstitial clusters giving rise to dislocation-loop contrast studied using electron microscope 2—19092
alloy, ternary b.c.c., Snoek effect, theory 2—19170

Crystal imperfections continued
interstitials continued
atomic collisions in solids IV-physics of channelling and related phenomena, conference Gausday, Norway, Sept. (1971) 2—36379
b.c.c. lattice, screw dislocation interaction with interstitial impurity atom, orientation effects 2—22203
binary solid solution, rel. to radiation-induced strengthening 2—36224
cluster formation of ion-defect pairs in compensated lattices 2—15776
crystals, non-uniform, diffusion flux eqns., statistical-kinetic theory 2—25456
diamond-type covalent crystals, electronic props., extended Huckel method 2—9531
diamond-type lattice, properties of interstitial carbon atom 2—9541
diffusion, interstitial-substitutional dissociative mechanism 2—6509
Frenkel disorder, monovalent metal nitrates, elec. cond. obs. 2—3771
graphite, irrad., rel. to negative magnetoresist. 2—22528
graphite, low temp. irrad., rel. to Young's modulus and internal friction changes 2—22259
graphite, neutron irrad., effect on interlayer props., model 2—3758
graphite, thermal cond., effect of Br doping 2—22429
insulator, migration mechanism 2—19091
lanthanide and actinide oxides, rel. to crystallographic shear relations between structure types 2—3738
location, determ. by channelling technique 2—36051
metal, f.c.c., X-ray and neutron scatt. by dumbbell interstitials 2—9540
metal, irradiation, void nucleation, defect co-precipitation 2—32490
metal, neutron irrad., rel. to void nucleation, computer evaluation 2—29163
mobile, effect on void nucleation 2—12753
mobile, effect on void nucleation 2—12754
neutron irradiated materials, role in recovery 2—6471
noble metal, H diffusion, lattice relaxation 2—9613
nuclear materials, irrad., rel. to swelling model 2—32489
particle strengthened systems, form. and migration rel. to high activation energy for steady state creep 2—29267
positron diffusion into interstices 2—25701
semiconductor, migration mechanism 2—19091
solubility in binary ordering alloy, press. depend. 2—22333
steel, heat-resistant, effect of alloying additions on creep rupture strength 2—9687
thermal diffusion of light impurity atoms, random walk model 2—22241
transition metal alloys, f.c.c., carbon influence on electronic sp. ht. 2—16114
rel.to void formation, during high energy particle irrad., theory 2—25365
void growth, strain hardening, interaction effects, analysis, in ductile materials 2—2189
Ag-Zn alloy, annihilation, radiation enhanced diffusion 2—3817
Ag film, proton bombardment, annealing, 93-263K 2—22174
AgBr photographic emulsion, latent image formation, contribution of interstitial Ag^+ ions 2—2475
AgCl:Cu, rel. to ionic cond. mechanism 2—36583
AgCl, pure and Cd-doped, rel. to Cd diffusion mechanism 2—39733
Al, electron irrad., impurity interstitial trapping 2—6473
Al, interstitial loop formation effects on creep resistance 2—3878
Al, neutron irradiation, grain boundary internal friction peak 2—22217
Al, shear modulus, effect of neutron irradiation at 4K, variation with Frenkel defects concentration 2—22278
Ar:H(D), i.r. absorption of interstitials 2—33264
Au-(15 wt.%)Ag alloy, static crowdion behaviour, resist. obs.15754 2—15754
Au-Ag alloys, migration to sinks during diffusion 2—39737
CaF_2 with excess anions, Bragg scatt. obs. 2—12758
CeD_x, nonstoichiometric, neutron diffr. obs. 2—25387
CsCl, migration rel. to phase transform. effects on inert gas diffusion and ionic conductivity 2—15788
Cu:Au, interaction with channelled ions, computer simulation 2—36050
Cu-Au alloy, neutron irrad., Frenkel defect prod. rel. to deviation of longit. magnetoresist. from Kohler's Rule 2—16143
Cu-M dilute alloys, M=Au, Be, Co, Mg, Mn, Ni, Pt, Sb, Zn, impurity-Cu interstitial interaction 2—12759
Cu, electron irrad., absorpt. by Frank loops 2—3789
Cu, shear modulus, effect of neutron irradiation at 4K, variation with Frenkel defects concentration 2—22278
Cu film, proton bombardment, annealing, 93-263K 2—22174
α-Fe:C defect calculations 2—22193
Fe-Mn alloy, shock deformed, role in recovery 2—9653
Fe-N alloy, vacancy trapping of interstitial solute atoms, internal friction obs. 2—32506
Fe-n, martensite, interstitial ordering, precip., microhardness, internal friction, Mossbauer obs. 293-353K 2—9543
α-Fe, dynamic crowdions interaction with vacancies 2—9542
GaP:B, impurity conc. reduction under electron irrad. 2—29167
Ge, investigation of Li precipitates by anomalous X-ray transmission 2—19093
Ge, ion-electron emission, relaxation process 2—19815
HgSe, effect of annealing in Se on stoichiometry 2—25442
InAs, ion-electron emission, relaxation process 2—19815
KCl:Sr^{2+} cluster formation of ion-defect pairs 2—15776
KCl:U, γ-irradiated, colouring and hardening due to secondary interstial processes 2—36060
KCl, irradiated, defect annealing, absorp. band obs. 2—36011
$K_2O.3SiO_2$ glasses, Frenkel pairs form. 2—1249
Kr:H(D), i.r. absorption of interstitials 2—33264
Li, role in self-diffusion processes 2—19145
LiF:Mg, Snoek effect, rel. to crit. resolved shear stress 2—32705
LiF, impure, X-irrad., induced cond. determ. 2—9525
LiF, γ-irrad., defect clusters, X-ray small angle scatt. 2—3761
LiF, γ-irrad., Frenkel defects, small angle X-ray scatt. obs. 2—3770
LiF, neutron irrad. defects, e.p.r. obs., 77 K 2—13540
$LiNbO_3$, absorpt., elec. cond. and photocond. study 2—19083
$Li_2O.3SiO_2$ glasses, Frenkel pairs form. 2—1249
MgO, plastic deformation, annealing, dislocation loops 2—32524
Mo, neutron irrad. damage and annealing 2—19078
NaCl, role in surface relief change on plastic deform. 2—9251
$NaNO_3$, Frenkel defects, formation, enthalpy calcs., Mott-Littleton method 2—3767
$Na_2O.3SiO_2$ glasses, Frenkel pairs form. 2—1249
Nb-N alloy, solute conc., solution hardening 2—9661
Nb-O alloy, solute conc., solution hardening 2—9661
Nb, solute pick-up in annealed samples, Hall-Petch plot 2—9544

Crystal imperfections continued

- **interstitials** continued
  - Nb, work hardened, diffusion, annealing temp. depend., resist. obs. 2—15910
  - Ni-Co alloys, f.c.c., carbon influence on electronic sp. ht. 2—16114
  - $Ni_xFe_{3-x}O_4$, oxygen nonstoichiometry 2—29174
  - Pb, interstitial diffusion of Cu 2—25470
  - Pd_3Fe alloy, hydrogen absorpt., ordering depend. 2—9773
  - Pt, deuteron irrad., defect production and recovery 2—22194
  - Pt, shear modulus, effect of neutron irradiation at 4K, variation with Frenkel defects concentration 2—22278
  - Pt electron irrad., dislocation, defect interactions, pinning, depinning, anelastic effects 2—1239
  - Si:B, electron irrad. damage 2—22178
  - Si:B ion implanted, photocond. obs. 2—25960
  - Si:Co, Mossbauer obs. of interstitial sites 2—1675
  - n-Si:P,Fe, vacancy-interstitial interaction 2—6485
  - Si, irradiation damage in the transmission elec. microscope 2—6477
  - Ta-H(D) interstitial alloy, resist., comp. and temp. depend. 2—9960
  - Ta, Frenkel defects prod., 4.5 K, rel. to spontaneous recombination processes, electron irradiation expts. 2—22195
  - Ta, Frenkel pair prod. under irrad., threshold energy anisotropy 2—25388
  - Ti-O, mech. relaxation and diffusion, internal friction obs. 2—36020
  - TiO_2, rutile, e.s.r. of Co^{2+}, impurity-interstitial assoc. 2—16651
  - V, neutron irrad., annealing, effect of interstitial impurities, 375-575K 2—25443
  - V_2O_5, formation rel. to dislocation model of conductivity and to catalysis 2—4220
  - W, ion irrad., field ion microscope obs. 2—9528
  - Y-Cu interstitial solid solution, form. and struct. 2—19271
  - $Zn_xFe_{3-x}O_4$, oxygen nonstoichiometry 2—29174
  - ZnO, coloured, interstitial Zn conc., ion channelling and blocking obs. 2—19094
  - ZnSe, defect config. for Yb^{3+} and Er^{3+} codoped with Li, Ag and Cu 2—7019
- **vacancies**
  - alkali halide, positron lifetime, vacancy model 2—36372
  - alkali halide, vacuum u.v. irrad., Frenkel pair prod. rel. to glow peaks 2—16629
  - alkali halides, Schottky defect form. energies 2—19087
  - alkali halides, Schottky defect pair form. energies 2—32504
  - alkaline earth oxides, Schottky defect form. energies 2—19087
  - alkaline earth oxides, vacancy pair F_c^+-centres, binding energy 2—36062
  - alloy, correl. effects in vacancy diffusion 2—9604
  - alloy, f.c.c. ordering, influence on residual resist. 2—6609
  - beta brass type alloys, vacancy variants, two electron correlations model 2—3768
  - brass, form. during recrystn. 2—39888
  - cluster transform. into dislocation loops in melt growth 2—9534
  - crystals, non-uniform, diffusion flux eqns., statistical-kinetic theory 2—25456
  - cyclohexane, self diffusion mechanism 2—29228
  - cyclooctane, self-diffusion, vacancy mechanism, NMR linewidth meas. 2—15793
  - diamond-type covalent crystals, electronic props., extended Huckel method 2—9531
  - diamond-type cryst., electronic props., extended Huckel method applic. 2—13084
  - diffusion, coeffs. distrib. in diffusion zinc, conc. 2—19085
  - dilatometric study using electrical transducer techniques 2—19228
  - elastic vibr. spectra, effect of linear defects with heavy impurities 2—25488
  - europium monochalcogenides, rel. to elec. resistivity 2—9367
  - f.c.c. lattice, correl. factor for impurity diffusion by divacancy mechanism 2—32557
  - graphite, neutron irrad., negative magnetoresist. 2—22528
  - hexamethylethane, self diffusion mechanism 2—29228
  - hexamethylethane, self-diffusion, vacancy mechanism, NMR linewidth meas. 2—15793
  - interdiffusion, Kirkendall effect, thermodynamics 2—22234
  - ionic cryst., pair form. energies 2—22192
  - ionic crystals containing Schottky defects, stress-induced diffusion 2—29173
  - lanthanide and actinide oxides, rel. to crystallographic shear relations between structure types 2—3738
  - mechanism of diffusion, effect on Mossbauer spectra of impurity atoms 2—13441
  - metal, cubic, vacancy form. entropy 2—36016
  - metal, formation energies by positron annihilation 2—19086
  - metal, irradiation, void nucleation, defect co-precipitation 2—32490
  - metal, large vacancy thermal expansion effect on press. variation of activation enthalpy 2—39722
  - metal, migration, pseudopot. theory 2—12791
  - metal, neutron irrad., rel. to void nucleation, computer evaluation 2—29163
  - metal, positron trapping, angular correlation data analysis 2—25386
  - metal, quench hardening, book 2—12930
  - metal, rel. to friction and adhesion 2—3921
  - metal, vacancy diffusion mech., relation between melting heat and activation energy 2—39726
  - metal film, void form. and growth during electromigration 2—9608
  - metal surface, condensation pits, on quench annealing 2—6320
  - metals and alloys, conc., atom arrangements, stat. thermodynamic eqns. 2—6480
  - metals self diffusion, curved Arrhenius plots 2—19133
  - neutron irradiated materials, role in recovery 2—6471
  - neutron scatt. due to lattice distortion 2—32502
  - noncubic crystal, equilib. conc., dilatometric and X-ray thermal expan. obs. 2—19431
  - norbornylene, self diffusion mechanism 2—29228
  - nuclear materials, irrad., rel. to swelling model 2—32489
  - plastic cryst., self diffusion mechanism 2—29228
  - polar, dielec. loss angle, freq. and temp. dependence 2—40323
  - rare earth iron garnets, oxygen vacancy ordering 2—10202
  - refractory carbides, packing and vacancy ordering 2—9329
  - samarium monochalcogenides, rel. to elec. resistivity 2—9367
  - Schottky energy calc., relation between force balance and energy minimization procedures 2—39678
  - semiconductor, charged vacancy equil. conc. complex form. influence 2—1528
  - serrated yielding, vacancy annihilation 2—32503

Crystal imperfections continued

- **vacancies** continued
  - serrated yielding due to solute locking, effect of vacancy sinks and sources 2—25500
  - spinel, cation and anion vacancy form. and migration 2—9610
  - steel, stainless, types 304 and 316, fast reactor irrad. damage 2—1236
  - thermal, rel. to thermal expansivity data in crystalline solids 2—16042
  - transition metal oxides, influence on band struct. 2—32887
  - transition to neighbouring lattice node, freq., temp. depend. 2—1246
  - rel.to void formation, during high energy particle irrad., theory 2—25365
  - void nucleation, effect of mobile interstitials 2—12754
  - void nucleation, effect of mobile interstitials 2—12753
  - Ag-Zn alloy, annihilation, radiation enhanced diffusion 2—3817
  - Ag film, proton bombardment, annealing, 93-263K 2—22174
  - AgCl, pure and Cd-doped, rel. to Cd diffusion mechanism 2—39733
  - Ag_2O, role in lattice expansion by annealing 2—29560
  - Al-Ag alloys, dil., form. energy rel. to solute-solute interaction 2—9537
  - Al-Ag alloys, vacancy-solute interaction energies, clustering kinetics obs. 2—22190
  - Al-Ge alloy, vacancy-Ge binding energy determ. 2—32505
  - Al-In alloy, quenched, resist. transient, divacancy migration 2—9536
  - Al-In dil. alloys, vacancy annealing on quenching 2—9535
  - Al-Si, alloy, precipitation; vacancy enhanced nucleation of Si atoms 2—3953
  - Al-Zn, Al-Zn-M alloys, M=Be, Fe, Mn, Si, clustering and solute-vacancy interactions elec. resistivity obs. 2—32693
  - Al-Zn alloy, vacancy-Zn atom pair binding energy 2—36017
  - Al-Zn based alloy, interaction with solute 2—9754
  - Al-(4.4 at.%)Zn alloy, ageing, clustering, solute-vacancy binding energies, ternary additions6481 2—6481
  - Al, AlMg, AlSi dilute alloys, hardening, solute atom interaction, resist. obs. 2—15749
  - Al, divacancy migration, pseudopot. theory 2—15748
  - Al, elec. irrad. damage in h.v. elec. microscope, defect cluster growth 2—32491
  - Al, intergranular embrittlement by liquid Ga, diffusion vacancy 2—12800
  - Al, Mn-vacancy interactions obs. by quenching 2—12755
  - Al, neutron irradiation, hardening 2—19072
  - Al, nonequilibrium conc., rel. to thermal diffusion 2—9616
  - Al, plastically deformed at 77K, role in ageing 2—19245
  - Al, positron-vacancy interaction, trapping and nontrapping models 2—29610
  - Al, quenched-in, dilatometric obs. 2—15750
  - Al, role in self diffusion, tracer and n.m.r. studies 2—9615
  - Al, simulation, pair potentials, atom displacements 2—6482
  - Al, thermal diffusion of vacancies, steady state concs. rel. to rate of entropy prod. 2—22244
  - Al, thermal pits, condensation cavities, obs. using liquid Ga embrittlement 2—9253
  - Al bicrystal role in intergranular entropy 2—39707
  - AlCu, AlMgSi alloys, temper vacancy elimination, correl. with precipitation stages 2—15897
  - AlMg alloy, work hardening, Portevin Le Chatelier effect 2—15818
  - Al_2O_3, γ-irradiated sample, e.s.r. study of holes trapped at Mg^{2+}, Li^+ and cation vacancies 2—4538
  - AlZn alloy, zinc removal by evaporation, Kirkendall effect 2—19088
  - Ar, formation entropy calcs. from normal mode vib. freqs. 2—22191
  - Au-Ag alloy, short-range order formation, vacancy influence, elec. resistivity obs. 2—32596
  - Au-Ag alloys, migration to sinks during diffusion 2—39737
  - Au-In solid solution, lattice parameters, solubility limit, thermal expansion, density 2—19265
  - Au, hardening under press., volume of formation 2—15898
  - Au, quenched, vacancy sink efficiency of stacking-fault tetrahedra 2—9567
  - Au, surface, formation, migration, field ion microscope obs. 2—6326
  - Au, surface artifact vacancy formation obs. using field ion microscopy with noble gas imaging 2—6415
  - Au, temper kinetics, hardening rate effect 2—19246
  - $BaTiO_3$, Ti-rich defect struct. analysis, from elec. cond. 2—15751
  - Cd, equilib. conc., dilatometric and X-ray thermal exp. obs. 2—22428
  - Cd, hardening, 4 K, resist. obs., electron microscopy 2—15753
  - Cd, quenched, vacancy form. on annealing, recovery spectrum obs. 2—36201
  - Cd, thermal expansion obs. 2—15752
  - $Cd_{10}(AsO_4)_6Br_2$, sterically imposed nonstoichiometry 2—3769
  - $Cd_{10}(PO_4)_6Br_2$, sterically imposed nonstoichiometry 2—3769
  - n-CdTe, electron irrad. defects, annealing, photocond. obs. 2—15739
  - $Cd_{10}(VO_4)_6Br_2$, sterically imposed nonstoichiometry 2—3769
  - Ce, b.c.c. self-diffusion mechanism 2—3821
  - CeD_x, nonstoichiometric, neutron diffr. obs. 2—25387
  - CeO_{2-x}, rel. to oxygen transport 2—10623
  - Co-Te system, ordering Mossbauer obs. 2—16433
  - CoO, defect. struct., high temp., rel. to transport props. 2—36501
  - CoO, undoped and Cr- or Ti-doped, defect struct. rel. to elec. props. 2—36502
  - Cs halide, defect pairs, Maxwell Boltzmann distrib. 2—36015
  - CsCl-type lattice, pair form. energies 2—22192
  - CsCl, trapping rel. to phase transform. effects on inert gas diffusion and ionic conductivity 2—15788
  - Cu/α-brass diffusion couple, stress due to vacancies, superposition with thermal stress 2—39739
  - Cu-Cr dil. alloy, cold-drawn, annealing effects 2—36197
  - Cu, defect clusters produced by ion irrad. 2—39670
  - Cu, divacancy migration, pseudopot. theory 2—15748
  - Cu, effect on thermoelec. power temp. depend. 2—10135
  - Cu, electron irrad., absorpt. by Frank loops 2—3789
  - Cu, influence on positron annihilation 2—9906
  - Cu, rel. to internal friction under neutron irrad. and fatigue 2—15805
  - Cu film, proton bombardment, annealing, 93-263K 2—22174
  - Cu_2S, rel. to phase behaviour 2—9800
  - β-CuZn, rel. to ordering kinetics 2—13005
  - Fe-Al alloy, ordered, vacancy elimination due to linear defect form. 2—39695
  - Fe-Co alloy, rel. to ordering kinetics 2—13005
  - Fe-Cr-Ni-P, steel, stainless, austenitic, quenching defects, precip., microstruct. 2—6483
  - Fe-Mn alloy, shock deformed, role in recovery 2—9653
  - Fe-N alloy, vacancy trapping of interstitial solute atoms, internal friction obs. 2—32506

Crystal imperfections continued
- **vacancies** continued
  - Fe-Ni alloy, quenched-in defects, influence of hydrogen 2—39679
  - α-Fe, interaction with dynamic crowdions 2—9542
  - Fe, neutron irrad., vacancy prod. rate 2—12744
  - α-Fe, Sn diffusion anomalies due to vacancy migration 2—39728
  - $Fe_{1-x}O$, Wustite, defect struct., stoichiometry, 685-1300°C, CO_2-H_2 atmos., thermogravimetry 2—1243
  - Fe_3O_4, magnetite, low temp. spectra rel. to structural vacancies 2—26130
  - Fe_3O_4, magnetite, site distrib., Mossbauer obs. 2—9538
  - Fe_7S_8, pyrrhotite, defect struct., electron microscope obs. 2—22201
  - n-GaAs, photoluminesc., vacancy correl. with dislocations 2—16607
  - n-GaAs epitaxial layers, role as acceptors 2—29685
  - Ge:P, γ-irrad., impurity-vacancy complexes 2—15741
  - Ge:P, γ-irradiated, vacancy-donor complexes 2—29704
  - Ge:Sb, Li, irrad., impurity-vacancy complexes 2—12756
  - Ge, formation and migration energies, pseudopotential calc. 2—18964
  - Ge, ion-electron emission, relaxation process 2—19815
  - Ge, γ-irrad., radiation defect level density, dose depend. 2—15742
  - Ge, thermal defect form. energy, specimen thickness effects 2—36018
  - InAs, ion-electron emission, relaxation process 2—19815
  - Ir, heavy ion radiation damage 2—39673
  - K, deformed, annealing and recovery spectrum 2—19089
  - K, deformed, model for stage-B recovery 2—19090
  - KCl:O^{2-}(SO_4^{2-}), electron excess colour centres 2—25451
  - KCl, ionic cond. and Schottky defect model 2—1247
  - KCl, positron annihilation rel. to positive ion vacancies and F-centres 2—19530
  - KCl self diffusion, ionic conductivity, vacancy defect study 2—19140
  - $KZnF_3$:Fe, ENDOR and e.s.r., Fe^{3+} (K^+ vacancy) centre obs. 2—36986
  - Li, rel. to ^{22}Na diffusion 2—19145
  - LiF, pore coalescence in cryst. with vacancy sinks 2—1248
  - $LiNbO_3$, absorpt., elec. cond. and photocond. study 2—19083
  - Mg, migration energy, calc. from diffusion coeff. 2—9623
  - Mg, neutron irradiation, hardening 2—19072
  - Mg alloy, diffusion rel. to cavity growth caused by flow 2—39788
  - MgO, plastic deformation, annealing, dislocation loops 2—32524
  - MgO, Schottky pair formation, rel. to diffusion of Ni and Ba 2—25469
  - Mo, neutron irrad. damage and annealing 2—19078
  - Na, self-diffusion mechanisms 2—39744
  - NaCl:M^{2+}, M=Ca, Cd, Mn, Mg, divalent impurity-vacancy complex reorientation obs. using thermocurrent method 2—12757
  - NaCl, additively coloured, self-diffusion 2—39743
  - NaCl, vacancy pair form. entropy calcs. 2—36019
  - NaCl self diffusion, ionic conductivity, vacancy defect study 2—19140
  - NaI, Schottky defect form. and cation vacancy migration 2—9625
  - NaI, self-diffusion mechanism 2—9626
  - $NaNO_3$, Schottky defects, formation, enthalpy calcs., Mott-Littleton method 2—3767
  - Ni-Cr alloy, plastically deformed, role in low temp. recovery 2—36120
  - Ni-Ta alloy, rel. to Ni_8Ta nucleation 2—15970
  - Ni, plastically deformed, role in low temp. recovery 2—36120
  - Ni, steady state creep rate 2—9676
  - Ni volumetric effects during heating after u.s. vibrs. 2—39894
  - NiO, rel. to Ni and Co diffusion 2—36079
  - Pb, self diffusion pressure depend., obs. 2—36081
  - $PbCl_2$, self diffusion of Cl_2, neutral vacancy complex mechanism 2—36082
  - Pt, electron irrad., dislocation, defect interactions, pinning, depinning, anelastic effects 2—1239
  - Pt, hardening under press., volume of formation 2—15898
  - Pt, thermal vacancies influence on high temp. sp. ht. 2—13047
  - Pt wire, kinetics of thermal equilibration, millisecond heat pulse obs. 2—39680
  - Si:B, electron irrad. damage 2—22178
  - Si:B ion implanted, photocond. obs. 2—25960
  - n-Si:P,Fe, vacancy-interstitial interaction 2—6485
  - Si:P ion implanted, divacancy radiation damage, e.p.r. obs. 2—26265
  - Si, cobalt-vacancy complexes, Mossbauer obs. 2—1675
  - Si, e.p.r. detection of optically induced divacancy 2—40764
  - n-Si, electron irrad., influence of O_2 vacancy complex (A-centre) on piezoresistance 2—25861
  - Si, foil, clusters, electron diffr. contrast profiles 2—6486
  - Si, formation and migration energies, pseudopotential calc. 2—18964
  - Si, interference effect on annealing temp. of A and E centres 2—9539
  - Si, interstitial diffusion of C, Ge traps 2—15780
  - Si, ion-implanted, ^{17}O h.f.s. of neutral vacancy-oxygen centre 2—40765
  - Si, neutron irradiated, divacancy associated i.v. absorpt. bands 2—22777
  - Si, vacancy cluster prevention, cryst. growth conditions 2—9357
  - SiC, ion-implanted, photoluminesc. of radiation defects 2—33309
  - SnO_2, Schottky defects rel. to thermal expansion, 283-1898K 2—36358
  - $SrTiO_3$, e.p.r., Fe^{3+}-vacancy centre analysis 2—40766
  - TiH_x, plastically deformed, effect on yield and fracture stress 2—19183
  - TiO_2, reduced, O vacancy diffusion 2—39748
  - TiO_2, rel. to elec. ageing mechanism 2—36518
  - TiO_2, rutile, e.s.r. of Co^{2+}, impurity- vacancy assoc. 2—16650
  - TiO_x, influence on band struct. 2—32887
  - TiO_x, struct. characterization 2—32992
  - Tl, cubic, thermo-and electrotransport of thermal lattice defects 2—36085
  - TlCl, spin-lattice relax. in rot. frame, diffusion mechanism influence 2—10262
  - UO_2, role in Xe diffusion 2—29225
  - V_6C_5, electron scatt. by vacancies, residual resist. 2—4219
  - VO, non-stoichiometric vacancy order 2—4011
  - VO_x, influence on band struct. 2—32887
  - VO_x, struct. characterization 2—32992
  - W, formation and clustering, quenched and elec. beam irradiated 2—3764
  - W, ion irrad., field ion microscope obs. 2—9528
  - W, produced by low energy Ar ions, field ion microscopy investigation 2—39676
  - WO_3, non-stoichiometry, colour, micro-strain, Schottky defects, X-ray exam. 2—25246
  - Zn-Mg dilute alloy, role in age hardening 2—29405
  - Zn, role in dislocation loop form. 2—15764
  - Zn, thermal coeff. of expansion of activated vacancy 2—29561
  - ZrC-ZrO_2 system, oxycarbide phase, rel. to atomic struct. 2—29155
  - ZrO_2, nonstoichiometric, defect model, rel. to thermogravimetric data 2—29448
  - $ZrO_2Cr_2O_3$(-CaO) intrinsic point defects, anion vacancy point defects, migration kinetics, electrodiffusion 2—9630

Crystal morphology
- brass, fatigue rupture, fracture surface 2—12907
- calcite, X-ray diffr. obs., electron microscope obs., effect of S impurity 2—6422
- carbide, precipitated from martensite high C steel 2—32725
- crystallography, introductory text book 2—39596
- dendrite, holographic obs. 2—15669
- eutectic crystallization, interfacial boundaries 2—1141
- faces, struct. patterns, rel. to cryst. growth 2—39573
- facet growth, under rotation, oscill. in solidification rate 2—18998
- growth, habit development, three-dimens. theory 2—35934
- ice, grown from vapour phase 2—18982
- ice crystal growing from melt, instability of smooth-planar solid-liquid interface morphology 2—3580
- lunar samples, electron microscope obs. 2—4957
- pictorial representation by interactive graphic display terminal 2—3600
- plane habits det. by statistical obs. on single specimen 2—39626
- poly-p-xylylene, as-polymerized 2—3480
- polydecamethylene 1,16-hexadecanedicarboxylate, morphological habit rel. to chemical structure 2—22109
- polyethylene, cold-drawn, role in retraction 2—32593
- polyethylene, linear, crystallized in bulk or from dilute solution 2—28969
- polyethylene, low density, cold rolled, superstruct. 2—12632
- polyethylene crystals, dilute soln. grown, review 2—25164
- polyethylene sebacate, morphological habit rel. to chemical structure 2—22109
- polyhexamethylene sebacate, morphological habit rel. to chemical structure 2—22109
- polymer, deformation mechanisms 2—15824
- polymer, plastic deformation, small angle X-ray scatt., electron microscopy 2—3462
- polymers, crystallized in bulk or from dilute solution 2—28969
- polystyrene, isotactic 2—3479
- surface dynamic changes obs. using laser reflection technique 2—35865
- Ag-CdO composites effect of additives from Groups IA, IIA on morphology, properties 2—36261
- Ag, thin cryst., slip morphology size depend. 2—22206
- Al-Al_2Cu eutectic, rapidly solidified, cellular struct. 2—29421
- Al-Al_3Ni eutectic, rapidly solidified, cellular struct. 2—29421
- Al-$CuAl_2$, eutectic system, morphological obs. of eutectic-dendrite breakdown 2—3439
- Al-Si alloy, flake/fibre morphology transition rel. to directional solidification 2—22337
- Al, monocrystal, polygonization under elongation stress and crystal orientation 2—39570
- Al, striation formation, thermal growth conditions effect 2—3586
- Al alloys, continuously cast, influence of metal flow on grain morphology 2—15896
- Al_3Ni-Al eutectic rod, thermal stability rel. to growth 2—22336
- Al_2O_3, corundum, growth, passive faces and imperfection surfaces 2—18970
- Au electrodeposit, electron microscope obs. 2—9269
- $B_{12}C_3$, crystal habits, cleavage, surface and atomic structure 2—9455
- $BaSO_4$, single crystal growth by flux evaporation method, effect of cooling rate on morphology 2—3571
- Bi-Pb_2Bi, of Bi phase, analysis 2—3440
- $CaAsO_3(OH).H_2O$, haidingerite 2—39636
- CaF_2 (111) face, micromorphology and thermal vaporiz. 2—32336
- CdSe, thermally etched basal surfaces, electron microscope obs. 2—12645
- Cr electrocrystallized from molten salts 2—3584
- Cr_xM_{1-x}—M_x—$Cr_{1-x}C_3$, (M=Fe, Co, Ni), eutectic, directional solidification, feathered morphology 2—3441
- Cu-Al-Ni alloy, γ'-phase, electron microscope obs. 2—36042
- CuBr characterization 2—39581
- Fe-Mn alloy, α' martensite nucleation, elec. microscope obs. 2—19301
- Fe-Ni-C alloy, strain induced and thermally transformed martensite, rel. to formation temp. 2—12775
- Fe-Ni-Cr alloy, martensite morphology, rel. to martensitic transform. kinetics 2—36277
- Fe-Ni alloy, martensite morphology, rel. to martensitic transform. kinetics 2—36277
- Fe_2Al_5 diffusion layers on α-Fe 2—39458
- Fe_2B diffusion layers on α-Fe 2—39458
- GaP whiskers, grown by vacuum evaporation 2—9294
- Ge whiskers, grown by vapour-liquid-solid method 2—39538
- $K_2CuCl_4.2H_2O$, deduction from cryst. struct. 2—39644
- Li_2CdGeO_4, crystalliz. in LiO_2-CdO-GeO_2-H_2O system 2—35943
- Mg, vapour grown, scanning elec. microscope obs. 2—18983
- Mo-N, solid soln., supersaturated, effect of isochronic ageing, electron microscope obs., 200-500°C 2—25599
- NaCl, etch pit morphology, inhibition kinetics at dislocation sites 2—3568
- NaCl, habit growth, phenol effect 2—39578
- Pb, striation formation, thermal growth conditions effect 2—3586
- PbS, galena, grown from PbS-RbOH-H_2O hydrothermal system 2—18992
- $PbSO_4$, single crystal growth by flux evaporation method, effect of cooling rate on morphology 2—3571
- Se, extended chain crystals, occurrence of lamellar and fibrillar spherulites 2—35952
- Si, epitaxial layers, surface morphology, model derivation 2—3544
- Si, of Cu precipitates 2—39939
- α-SiC, epitaxial, from vapour phase 2—9370
- SiC whiskers, from SiO_2-C-H system 2—18952
- α-SiC whiskers, La-stimulated high temp. growth 2—25217
- β-SiC whiskers 2—29050
- SiO_2, artificial quartz, growth, passive faces and imperfection surfaces 2—18970
- SiO_x, anodic oxide film, electrolytic breakdown products 2—9284
- α-SnO, on Sn film substrate, electron microscope obs. 2—12667
- $SrSO_4$, single crystal growth by flux evaporation method, effect of cooling rate on morphology 2—3571
- VO_x, b.c.c. to b.c.t. transform. induced by impurities 2—15976
- Zn, rounded single crystals, vapour grown 2—18987
- ZnO, growth rate 2—29093
- Zr-Nb alloy, martensite phases 2—9827

Crystal properties
- derivative lattices, determ., transform. matrices 2—32408
- diamond, basic physical properties, applications in electronics industry and instrument manufacture 2—4115
- halides, lattice properties, calc. using modified Born potential energy function 2—22094

Crystal properties continued
nonlinear refractive index, correction for higher induced multipoles 2—17674
optical rotation, symmetry rules 2—10304
single, secondary electron emission coefficient rel. to 2 to 10 keV primary electron 2—4327
symmetry, allowed operations and meas. sensitivity effects 2—3566
Fe, rel. to conc. of impurities 2—40859
Mn-$ZnSiO_4$, rel. hydrothermal synthesis from Na_2N-ZnO-SiO_2 system 2—29087
ZnO acoustoelectric single crystals, uniaxial pressure effects 2—1429

Crystal structure
see also Magnetic structure; Polymorphism
alloy, from thermal cond. 2—1439
anthracene, geometrical form 2—25247
azides, anisotropic thermal expansion, exam. by a single crystal X-ray method 2—15734
crystal density geometrical basis, 3-dimens. 3-connected nets, struct., topology 2—32409
crystallinity, backscattered ions, analysis of energy and angular distribution 2—15653
crystallography, introductory text book 2—39596
cubic superlattices, deform. twinning 2—32536
p- dichlorobenzene, γ-ray irrad., impurity form., rel. to cryst. struct. 2—26317
filamentary, specific surface and mean diameter obs., absorption rel. to optical microscope method 2—19282
metal, from thermal cond. 2—1439
monoclinic system, Fedorov group, principal system-vector system separation, multiple peak method 2—32412
organo-montmorillonities, interstratified layer struct. 2—29081
polytypes, cyclicity hexagonality, Zhdanov symbol 2—35955
powders, neutron scattering study using Christiansen filter technique, amplitude meas. 2—19038
refractory rare earth tungstates, mats. charact. 2—29449
transition metal phosphides, arsenides and arsenophosphides, struct. evolution 2—18968
transition metal silicides and germanides, TT′Si(Ge) type, struct. relns. 2—18969
zeolite lattices with Hg filled channels 2—6444
Al-O film, vapour codeposited, struct. and props. 2—29026
$Cu_{10}Ge_3$, distorted CuZn struct. 2—29465
$Cu_{10}Sn_3$, distorted CuZn struct. 2—29465
Fe rich alloy, δ-ferrite annealing, high temp. equilib. struct. 2—15964
$KH_4H_2PO_4$, structural defects, phase transitions and dielectric props., radiation sensitive 2—1442
KH_2PO_4, structural defects, phase transitions and dielectric props., radiation sensitive 2—1442
Li_2MF_6, M=Ge, Ti, Sn, Zr, high pressure structural evolution 2—25632
Mo casting, rel. to carbon content 2—19237
Pd-As system, distorted CuZn struct. 2—29465
Pd-Sb system, distorted CuZn struct. 2—29465
Pd-Zn-Ga system, distorted CuZn struct. 2—29465

microstructure
seealsoGrainboundaries;X-rayexaminationofmaterials/microstructure
aggregate, phase conc., particle size and spacing, variability and anisotropy 2—29454
alloy, coalescence kinetics of disperse phases 2—12961
alloy, dispersion-strengthened, grain size during recrystn. 2—12929
alloy, dissociated anti-phase boundary 2—3791
alloy, f.c.c., incoherent annealing twin boundary, elec. microscope obs. 2—9572
alloy, f.c.c. cold worked, X-ray line profile, integral breadth analysis, particle size and strain detns. 2—22332
alloy, Guinier-Preston zones, X-ray scatt. study 2—6408
alloy, heat conducting, defects rel. to treatment 2—32499
alloys, liq., rapid solidification, struct. and props. of solid 2—32716
alnico alloy, superstruct. defects, thermal antiphase domains, superdislocations 2—29175
Alnico alloys, ferromagnetic phases, indirect evaluation of individual props. using electrochem. means 2—26031
anomalous crystallographic contrast for rolled and annealed specimens in scanning electron microscopy 2—39620
anorthite, domain texture, electron microscopy 2—32449
anti-phase domain structures, 1-dimens., classification and Patterson method applic. 2—3686
antiphase domain struct., one-dimens., Fujiwara method refinement 2—22117
antiphase structures, $L1_0$ and $L1_2$, periodicity rel. to valence electron conc. 2—35976
beta brass type alloys, vacancy variants, two electron correlations model 2—3768
boiler tubes, cold- rolled and hardened, e.m. inspection of microstructure and mechanical, electrical and magnetic properties 2—3934
brass, 70-30 cartridge, indentation hardness, grain size 2—32652
α- brass, deformed, grain growth rates 2—39924
α-brass, texture transition, orientations, neutron diffr. 2—19047
calcite, X-ray diffr. obs., electron microscope obs., effect of S impurity 2—6422
ceramic, green sheet, by ultramicrotomy and elec. microscopy 2—9776
ceramic, high-strength brittle, rel. to work of fracture determ. 2—39951
ceramic, two phase, grain size, linear intercept method 2—36225
cermet, prep. by alumothermal reduction 2—39948
chrysotile asbestos, high resolution electron microscope obs. 2—3716
coherent cryst. interfaces as two-dimens. superlattices 2—25324
coincidence site lattice orientation, rel. to grain boundaries 2—9576
complex oxide phases, direct inspection, electron microscope obs. 2—3671
crystal interface defect struct., obs. of artificial boundaries 2—6503
diamond, trigons, rel. to cracking 2—32645
distortions and block size determinations from shape of diffraction lines 2—29112
electroceramics, control of properties by microstructure 2—32738
ethylene acrylic acid copolymer, effect of crystallinity on density 2—25163
ethylene vinyl acetate copolymer, effect of crystallinity on density 2—25163
ethylene-vinyl acetate copolymers, microstructure study by n.m.r. 2—4563
eutectic, coarsening by fault migration 2—9577
ferroelastic materials 2—3828

Crystal structure continued
microstructure continued
ferroelectric ceramic, grain size rel. to internal stresses, anomalous dielec. behaviour 2—16280
film, domain boundary creep, electron microscope obs. 2—36696
film, grain growth and stress relief 2—39480
fracture specimens, scanning and transmission electron microscopy 2—9704
frictional behaviour of S-137 material 2—29341
grain stability and distribution in polycrystal 2—6501
graphite, fast neutron irrad. effects 2—3756
graphite, neutron irrad., effect of pitch-binder coke content 2—22175
graphite, neutron irrad. effects 2—3759
graphite, pyrolytic, compression annealed, preferred orientation 2—22327
graphite, pyrolytic, scroll-like struct., X-ray and electron microscope obs. 2—22150
graphite spherulites, in cast alloys 2—39633
Guinier-Preston zones, spherical, elec. resistivity 2—22198
Guinier-Preston zones, spherical, elec. resistivity 2—22197
holographic interferometry method of investigation 2—35959
intergranular entropy, calc. method 2—39707
Invar effect origin 2—16379
$L1_0$ superlattice, effect of twinning, calc. 2—3950
local, connection between mass and isospin spectra 2—5487
machined surface layer by grinding, temp. distrib., cementite, thermal residual stress 2—1284
material with strong inclusions, primatic punching rel. to work hardening 2—22329
materials with simple microstructure, equations of motion 2—36087
metal, alloy, mosaic block size reduction at phase transform. rel. to double Bragg scatt. 2—36279
metal, decohesion of microvolume under variable stress 2—36026
metal, deform. texture, theory 2—39916
metal, f.c.c., deformed, substruct., stacking fault energy depend. 2—39681
metal, hard, fracture structs., electron microscope obs. 2—32651
metal, intergranular force from free electron energy variation 2—29014
metal, recrystallization in emission electron microscope 2—39882
metal carbide particles, in metallic matrix, coarsening rate 2—29416
metallographic struct. evaluation by computer 2—32437
metallography, quantitative, principles and practical methods 2—25561
metals, deformation at transformation temperatures, emission electron microscope 2—3663
metals and alloys, vacancy conc., atom arrangements, stat. thermodynamic eqns. 2—6480
multilayer vacuum condensate, substructure 2—15944
multiphase, texture factor 2—32683
Ni-Cr alloy, influence of diffusion creep on precipitate-free zone form 2—29270
n.m.r. second moments method 2—26299
nonlinear susceptibility to harmonic generation rel. to microstructure 2—1653
oxide ceramic, defects, porosity, elastic consts., u.s. and fluorescence obs. 2—12978
permalloy, film, plated NDRO wire, elec. microscope obs. 2—19899
permalloy, polycryst. film, beam broadening due inelastic electron scatt. 2—4389
perminvar ferrite, electron microscopy 2—15712
phototropic Ag-halide containing glass, elec. microscope obs. 2—12627
plastic bearings, operational behaviour, structure effects 2—32653
poly(β-benzyl L-aspartate), crystallinity and conformational changes 2—22059
polycrystalline materials, texture and symmetry 2—22121
polyethylene, crystalline, geometry of deformation twinning and phase transformations 2—9355
polyethylene, crystallized in bulk or from dilute solution 2—28969
polyethylene, hot stretched, recrystallization, x-ray small angle scatt. 2—15893
polyethylene, opt. microscope obs. 2—35854
polyethylene, single crystal, mosaic struct. 2—15647
polytypism, n.m.r. obs. 2—26298
pores, effect on development of third stage of creep 2—9667
powder, and frost susceptibility 2—3971
refractory composition solid phase coexisting with periclase and liq. phase, microstruct. parameters 2—32776
ruby, Verneuil grown, grain sizes 2—25262
ruby bearings, operational behaviour, structure effects 2—32653
ruby laser rod, optical homogeneity mosaic struct. effect 2—40600
sapphire bearings, operational behaviour, structure effects 2—32653
by scanning microscope micro-autoradiograph obs. 2—12809
secondary and trace ingredients in mixtures of solids, microscopic identification 2—3604
semicrystalline polymer, crystal orientation rel. to spherulite deformation 2—18905
solid solution, supersaturated, intergranular precipitation 2—9788
stainless steel, shock loading, recovery and recrystallization 2—9657
stainless steel, type 304, residual microstructure, explosive shock 2—9655
stall, micro-alloyed, hot rolling, recrystallization 2—9735
steel, austenite, recrystallization, grain orientation, metallography 2—9737
steel, austenite grain size, effect on hardness 2—36244
steel, austenitic, deform. texture, influence of form of stress state 2—36233
steel, austenitic, hot working struct, and strength 2—9729
steel, austenitic grain boundaries, heat treatment, etching 2—6397
steel, austenitic stainless, correlation between strain hardening parameters and dislocation substruct. 2—32703
steel, austeno-martensitic, martensite struct. 2—29399
steel, bainitic, rel. to mech. strength 2—9686
steel, carbide phase precip. during tempering, effects of rate of heating 2—36216
steel, cast high-speed, effect of Ti and V 2—36176
steel, cementite fracture, particle size effect 2—39839
steel, cold rolled, heat treated, martensite-austenite transformation, fragmented texture 2—3995
steel, Cr-Mn, effect of alloying elements on porosity 2—1359
steel, cyclic heating effects 2—25516
steel, effect of explosive deform. 2—39930
steel, effect on fatigue limit 2—36149
steel, Fe-Si, thin tape, effect of heat treatment 2—36717
steel, heat resisting, mech. props. 2—3933
steel, high Al content, austenite and martensite struct. 2—12724
steel, high strength Ti-structural type, rel. to recrystn. 2—29391

Crystal structure continued
microstructure continued
steel, high-Cr, O content effects 2—36155
steel, high-strength stainless, tempering temp. effects 2—32609
steel, highchrome, hot-rolling effects 2—1362
steel, hot worked carbon, fibrous fracture, rel. to ferrite grains and non-metallic inclusions 2—19198
steel, inhomogeneities of CO_2- weld metal 2—22200
steel, lattice parameter anisotropy during martensitic transform. 2—32766
steel, low C, Al_2O_3 inclusion shape, electron microscope obs. 2—29432
steel, low C, grain size depend. of yield and fatigue strength 2—12855
steel, low C, texture control in rapid annealing 2—39892
steel, low C Nb-structural type, precip., electron diffr. obs. 2—32707
steel, maraging, heat treatment effects 2—36204
steel, maraging, rel. to crack propagation 2—9710
steel, maraging stainless 2—36243
steel, martensite produced by plastic deform. 2—39928
steel, metastable austenitic, primary recrystn. texture development 2—25596
steel, Mn-Si low C, influence of Nb addition on precipitate structure 2—9812
steel, pre-loaded kinetics during extension, changes in struct. 2—39784
steel, recrystn. texture, effect of precip. hardening and martensitic transform. 2—3992
steel, secondary recrystn. texture, effect of Ge content 2—36203
steel, soft polycrystalline, stress/strain temp. and deformation rate depend. 2—12856
steel, struct. changes, rel. to local pulse heating by laser beam 2—39846
steel, structural, martensite struct. 2—36232
steel, substruct., plastic strain mech., alternating deform. 2—32610
steel, transformer, secondary recrystallization matrix, rel. to initial state 2—12936
steel, wear-resistant, effect of C and V content 2—36237
steel bearings, operational behaviour, structure effects 2—32653
stereology of cubic particles, obs. of simulated microstruct. 2—12702
stony meteorites, electron petrography obs. 2—7543
superalloy, controlled by use of precip. phases 2—29387
texture rel. to background X-ray scatt. 2—29111
three layered strip, nickel-steel-nickel, strength characteristics, bonding 2—9759
ultimate tensile stress, structure sensitivity 2—25492
W, HfN-dispersion strengthened by covapour deposition 2—22351
weld metals deposited by pulsed-arc process 2—12958
Zircalloy-2, cold-rolled, X-ray and electron microscope obs. 2—29185
Zircaloy tubing, influence of reduction values on texture formation 2—25569
Ag-Cd alloy, plastically deformed, X-ray diffr. obs. 2—15829
Ag-Zn, antiphase domains, electron microscopic study 2—32440
Ag film, annealing, hole growth, island formation rel. to surface energy 2—25194
Ag film, struct, modification due to mech. vibration, elec. microscope obs. 2—18931
Al-Ag-Zn alloy, precipitation phenomena 2—3938
Al-Ag, alloy, particle size distrib., Guiner Preston zone shape distrib., X-ray scatt. profile analysis 2—19042
Al-Ag alloy, quenched, GP zones, Perod's law, X-ray Laue scatt. 2—32441
Al-Ag alloy, quenched from liquid state, X-ray diffraction obs. 2—25577
Al-Al_2Cu eutectic, rapidly solidified, cellular struct. 2—29421
Al-Al_3Ni eutectic, rapidly solidified, cellular struct. 2—29421
Al-Au, solid soln., Guinier-Preston zones, isothermal phase transformations, rel. to supercond. props. 2—9790
Al-Au alloy, Guinier-Preston zones, size effect on large angle X-ray scatt. 2—9449
Al-Cu alloy, coarsening of θ'' and θ' precipitates 2—9751
Al-Cu alloy, decomposition, Guinier-Preston zone, X-ray diffr. 2—9445
Al-Cu alloy, G.P.(1) zone size determination by X-ray small-angle scattering 2—3940
Al-Cu alloy, Guinier Preston zones, rel. to recovery 2—9756
Al-Cu alloy, struct. changes during long-term natural ageing 2—36213
Al-Cu film conductors, effects on electromigration life 2—39735
Al-4%Cu alloy, Guinier Preston zones, subject to tempering, interaction with Kikuchi 200 band 6489 2—6489
Al-4%Cu alloy, reversion phenomena due to dissolution of G.P. zones 2—39885
Al-(4 wt.%)Cu alloy, fibrous struct. of precipitates produced at scratch 2—39917
Al-Cu(Zn, Mg,Mg_2Si) alloys, pre-precipitate formation and reversion 2—25590
Al-0.05%Fe alloy, second phase particles, grain boundary sliding 32605 2—32605
Al-Mg-Si alloy, precip., electron microscope obs. 2—25576
Al-Mg alloy, Guinier-Preston zones 2—9752
Al-Mg alloy, Portevin- LeChatelier effect, grain size influence 2—39774
Al-(1.3wt.%)Mg_2Si alloy, Guinier Preston zone formation, precipitation, age hardening, Sn addition effect 2—12987
Al-Mn alloy sheet, prep. by direct rolling of molten metal 2—29409
Al-Si alloy, directional freezing, flake/fibre transition 2—22337
Al-Zn-Mg, alloy, rel. to stress corrosion resist., tensile props. quenching conditions 2—12931
Al-Zn-Mg alloy, extruded, rel. between grain struct. and quench sensitivity 2—25589
Al-Zn-Mg alloy, precipitate free zones rel. to fatigue behaviour 2—32628
Al-Zn, alloy, Guinier- Preston zones, transform during ageing, X-ray diffr. obs. 2—19263
Al-Zn alloy, Guinier Preston, X-ray scatt. obs. 2—9448
Al-Zn alloy, solvus curve of Guinier-Preston zones 2—29422
Al-5.0 at%Ag-5.0 at%Zn, alloy, neutron irrad. rel. to G.P.zones 2—29418
Al-2.8 at%Zn-1.4 at%Mg, alloy, neutron irrad. rel. to G.P.zones 2—29418
Al, 99.5%, coarse grained cast, orientation detn. by anodic etching and optical obs. 2—19264
Al, Al-Mg, Al-Zn-Mg, heat input effects 2—3888
Al, electron microscope study of ductile rupture surface 2—39812
Al, fine subgrain struct. adjacent to fatigue cracks 2—32543
Al, mechanical behaviour of coarse grained specimens in terms of microstructure 2—9682
Al, mosaic. struct. in creep 2—29187
Al, primary recrystallisation 2—12932
Al, rolling, recrystallization, grain growth 2—12926

Crystal structure continued
microstructure continued
Al, single cryst., extruded rod, deform. band form. along flow directions in plastic zone 2—19110
Al, solidification by continuous casting, feathery crystallization mechanism 2—6644
Al, striation formation, thermal growth conditions depend. 2—3586
Al, substruct. rel. to creep near melting point 2—39798
Al, work hardened, annealed, recrystallization, crystal orientation 2—15904
Al alloy, 2024, cold working, yield strength 2—32701
Al alloy, age hardened extruded rod, mechanical anisotropy rel. to texture 2—3856
Al alloy, fatigue fracture surface, micropores, electron microscopy 2—3904
Al alloys, continuously cast, influence of metal flow on grain morphology 2—15896
Al bicrystal calc. of intergranular entropy 2—39707
Al bicrystals, intergranular corrosion by pressurised water 2—12777
Al sheet, prep. by direct rolling of molten metal 2—29409
Al wire, texture, obs. using Debye-Scherrer photography 2—22322
Al_3Ni-Al eutectic rod, thermal stability rel. to growth 2—22336
β-Al_2O_3:Ag, lattice planes and filament formation due to Ag migration 2—9446
Al_2O_3:MgO, alumina, densification and grain size control 2—29444
Al_2O_3-Cr_2O_3 and Al_2O_3-Cr_2O_3-Fe_2O_3 systems, spinodal decomp. 2—29424
Al_2O_3-Cr_2O_3 and Al_2O_3-Cr_2O_3-Fe_2O_3 systems, spinodal decomp. 2—29423
As_2Se_3-Cu_2Se system, intermediate compounds 2—29488
Au-Ag alloy, short-range order formation, vacancy influence, elec. resistiv ity obs. 2—32596
Au-15 at.%Ag alloy, rad. damage interpretation, ordering props., elec. resist. obs. 2—36009
Au, film, vacuum deposited, struct. rel. to substrate surface charge 2—25195
Au film, sputtered, residual gas pressure effect on cross-section structure 2—25196
$AuCu_3$, antiphase boundary influence on lattice parameters 2—39631
B_2Se_3-Tl_2Se system, rel. to phase diagram determ. 2—36274
$BaTiO_3$:Nb ceramics, small- grained and large-grained, preparation 2—3968
$BaTiO_3$, liquid phase sintering, exaggerated grain growth 2—1374
$BaTiO_3$, undoped, Sc_2O_3- and Ln_2O_3-doped 2—19761
Bi-Sn alloy, metastable phase BiSn, formation kinetics, Mossbauer cond. obs. 2—9794
C-SiC alloy, X-ray diffr., electron microscope obs. 2—32447
C, graphite, shock compacted, rel. to hardness 2—9714
C, methane pyrolysis over transition metal, manner of carbon and graphite formation 2—39499
C, pyrolytic, neutron irrad., effect of annealing 2—3757
C black, interplanar spacing, electron microscope obs. 2—19043
C fibres, electron microscope obs. 2—9461
C fibres, high resolution elec. microscopy 2—9459
C fibres, phase contrast microscopy 2—9460
$CaAl_2Si_2O_8$, anorthite, domain texture 2—32449
Cd, splat cooled, isothermal annealing effect 2—6427
CdI_2, rotation boundary obs. 2—36041
CdS:Ag film, evaporated, recrystalliz., electron micrograph obs. 2—35888
CdS, semiconductive, domain formation, threshold elec. field 2—13224
CdS, sintered layer, X-ray diffraction obs. 2—19046
CdSb-Ge system, Ge solubility determ. 2—29490
CdTe epitaxial layers, and prep. on Ge 2—25188
Ce-Fe-B system, phase diagram determ. 2—29491
β-Co-γ-Co_2Ta, eutectic system, lamellar faults, branching, subgrain boundaries, precip. 2—12720
Co-Ni-Cr alloy, precipitate structure, formed by internal oxidation 2—9796
Co-Ni-Ti alloy, decomposition, modulated structure 2—9467
Co-1 wt.% Be-7 wt.% Ta alloy, metastable struct. states in solid soln. decomp. 2—32450
Co-1.7 wt.% Be alloy, metastable struct. states in solid state decomp. 2—32450
Co-base alloy, Haynes No. 188 2—39920
Co, electrodeposited, quasitexture effect on squareness ratio and mag. props. 2—1624
Co alloy, WC grain growth kinetics 2—12933
CoO, oxidation to Co_3O_4, effect of crystallite size 2—22878
Co_3O_4, formation and elementary grain substructure obs. 2—25330
CoSi system, eutectoid Co_3Si phase obs. 2—32723
Cr-Zr-Nb-C alloy, stress rupture and ductility control by microstruct. modification 2—9692
Cu-1.8 wt.%Be, ageing, microstruct. changes, Guiner Preston zone growth19247 2—19247
Cu-Al-Fe superplastic alloy 2—32606
Cu-Al-Ni alloy, γ'-phase, electron microscope obs. 2—36042
Cu-Al, effect of thermomechanical treatment 2—36202
Cu-Al, single cryst., internally oxidized, particle size and distrib., SEM obs. 2—15716
Cu-Al alloy, effect of deform. and annealing temp. 2—12888
Cu-Al alloy, following explosive shock deform., 1 megabar pressure 2—9650
Cu-Al_2O_3, characteristics, obs. 2—39913
Cu-Be-Co alloy, effect of heat treatment conditions 2—29299
Cu-Be alloys, GP zone formation and precip. during ageing under irrad. 2—39905
Cu-(1.9 wt.%)Be alloy, precip. substructure depend. of fatigue props. 2—22283
Cu-Cr-Si alloys, internally oxidized 2—29427
Cu-Cr, Cu-Zr, Cu-Zr-Cr alloys, rolling and annealing textures 2—3946
Cu-Ga, quenched hypereutectoid alloy 2—9580
Cu-Mn, solid solution, annealing, coherent ordered precipitates 2—3990
Cu-Ni-1 wt.%Si alloy, ageing behaviour, GP zone form. 2—25578
Cu-Ni-Fe, spinodal alloy, changes in fracture 2—9685
Cu-Ti alloy, ageing, coarsening kinetics 2—39922
Cu, cold rolling, orientation stability, strain rate depend., electron diffr. 2—39899
Cu, electrolytic, extrusion, recrystallization, texture, mech. props. 2—3926
Cu, electron microscope study of ductile rupture surface 2—39812
Cu, following explosive shock deform., 1 megabar pressure 2—9650

Crystal structure continued
  microstructure continued
    Cu, mech. props. rel. to struct. changs during deform. 2—29334
    Cu alloy, effect of Zr alloying addition 2—9715
    CuAu, disordered, strain-ageing kinetics, ordered region form. 2—39906
    CuAu, effect of twinning, calc. 2—3950
    Cu_3Au, single cryst., fine struct. of slip lines, elec. microscope obs. 2—15717
    Cu_3Se_2, formed by solid state reaction, planar defects, elec. microscope obs. 2—36043
    EuO, correl. with cond. and i.r. absorpt. 2—32786
    Fe-Al alloy, disloc. and antiphase boundaries, elec. microscope obs. 2—25406
    Fe-C, tempered, C distribution, mag. and dilatometric analysis 2—3928
    Fe-C system, stability during cyclic deformation 2—32724
    Fe-Co alloy, thermal expansion, low temp. anomaly 2—13052
    Fe-Co system, strength rel. to comp., phase transformations 2—19268
    Fe-Cr-Ni-P, steel, stainless austenitic, precip., quenching defects 2—6483
    Fe-5-13 at.%Si, alloy, ordering, struct. singularities, X-ray obs. 2—29429
    Fe-7.8 wt % Cr alloy, microstruct. evolution 2—29431
    Fe-Cu steel, low C, ageing, stable lath substructure obs. 2—25629
    Fe-In alloy, Fe-rich, slowly cooled 2—39932
    Fe-Mn alloy, rel. to mech. props. 2—32767
    Fe-Mn alloy, shock loaded, twins, electron microscopy 2—9744
    Fe-Mo-Co, alloy, quenched from $\alpha+\gamma$ field, transform. microstructs. 2—12998
    Fe-N, martensite, interstitial ordering, precip., microhardness, internal friction, Mossbauer obs., 293-353K 2—9543
    Fe-Nb-C, steel, segregation mech., phase struct., annealing tests, electron refr. obs. 2—32729
    Fe-Ni-Cr alloy, effect of austenite grain size on martensite formation 2—32768
    Fe-Ni-Cr alloy, martensite morphology, rel. to martensitic transform. kinetics 2—36277
    Fe-Ni alloy, martensite morphology, rel. to martensitic transform. kinetics 2—36277
    Fe-Ni alloy, shock loading, dislocations, twinning, hardness, α-γ transformation 2—3867
    Fe-Ni martensite, transform. induced substructs., X-ray and elec. microscope obs. 2—22358
    Fe-Ni system, explosively loaded, hardening, recrystallization, grain boundaries 2—9575
    Fe-Si, annealing, 800°C, grain growth, texture, magnetostriction effects 2—9805
    Fe-Si, primary recrystn., impurity drag effect on grain growth rate 2—39890
    Fe-Si alloy, recrystallization texture, effect of S 2—12937
    Fe-Ti steel, struct. props. determ. by optical and electron microscopy and electron refr. 2—32698
    Fe-base superalloys, review 2—29437
    Fe, Armco, cyclic bending deformation, absorptional fatigue 2—29300
    Fe, cast, after low temp. cyaniding, carbonitride case struct. 2—36245
    Fe, cast, electron microscope study of ductile rupture surface 2—39812
    Fe, deformed, dislocation struct., HVEM analysis 2—39696
    α-Fe, deformed, grain growth rates 2—39924
    Fe, electrodeposited film, grain size, effect of thiaurea 2—25198
    Fe, grain size dependence of plane strain fracture toughness, K_{Ic} 2—15864
    Fe, grey cast, specimen prep. for graphite distrib. assessment 2—19051
    Fe, hardness-flow stress-grain-size relationship 2—22289
    Fe, single cryst. film, isolated oxide grains, elec. microscope obs. 2—9273
    Fe alloys, effect on low temp. fracture, meeting report 2—32646
    Fe alloys, graphite precipitate, formation and spatial configuration 2—15908
    Fe crystal annealed, laminated, twisted, primary recrystallization texture 2—15901
    Fe whisker, lattice distortion around edges, X-ray topographic obs. 2—18951
    Fe_2O_3, magnetite, stacking fault, X-ray diffr. obs. 2—15767
    Fe—(1.4at.%)Cu alloy, annealing, clustering, precipitation, atom probe field ion microscopy 2—3960
    Ga-Sb-Se system, stratification region 2—35845
    GaAs, disturbed layer struct. 2—36010
    GdO, antiphase boundaries 2—25333
    Ge, disturbed layer struct. 2—36010
    Ge, film, evaporated, optimum epitaxial growth condition 2—6351
    Ge, neutron diffraction topographs 2—3710
    $GeSe_2$-Te system, stratification regions and glass formation 2—35847
    GeTe, pressed powders 2—1379
    In, influence of ghost boundaries on grain boundary migration 2—9742
    KBr, changes in subsurface layer due to additive coloration and annealing studied by i.r. spectrometry 2—26153
    LiF, neutron irrad., defect struct., effect of annealing 2—32487
    LiF, undergoing shock wave compression, X-ray diffr. obs. 2—3715
    Mg-Cd alloy, ordering process studied by electron microscopy 2—6437
    Mg. MgO-dispersion strengthened, high temp. creep struct. 2—25598
    Mg alloy, cavity growth caused by flow, density and metallographic obs. 2—39788
    MgIn, effect of twinning, calc. 2—3950
    MgO, and MgO-Fe_2O_3, solid solns., grain size distrib. and grain growth, calc. 2—29446
    MgO, ceramic, effect on pulse electric strength 2—13307
    MgO, with 1% LiF, packing kinetics, hot-pressing temp. effects 2—36209
    Mn Zn. alloy, age hardened, grain size, dependence of yield stress and flow stress 2—6546
    $MnZnFe_2O_4$, rel. to Fe_2O_3 and calcined spinel particle sizes and mag. props. 2—33157
    Mo:C, C distrib. and diffusional mobility 2—36052
    Mo-Re-C alloy, C distrib. and diffusional mobility 2—36052
    Mo-Ti-C alloy, deformed, subgrain growth during annealing 2—12946
    Mo, deformed, subgrain growth during annealing 2—12946
    Mo, film, on thermally oxidized Si 2—12660
    Mo, grain size depend. of elastic limit 2—12860
    Mo, plastic deform., fine struct. changes during rolling 2—32508
    Mo, rel. to fatigue, coaxing phenomenon 2—39829
    Mo, single cryst., slip bands X-ray diffr. obs. 2—15726
    Mo alloy, grain size, B effect 2—12729
    Mo wire, with C impurity, effect of grain size on ductility 2—12884
    NaCl, deformed, substruct. components, Kossel line obs. 2—9547
    $NaClO_3$, γ-irradiated, X-ray obs. 2—36013

Crystal structure continued
  microstructure continued
    Nb, crystals, deform., flux line dislocation interaction, dislocation density rel. to annealing 2—25410
    Nb, Hall Petch parameters, grain size method 2—15820
    Nb alloy, deformed, annealing, cellular struct. ductility 2—9646
    Nb alloy, grain size, B effect 2—12729
    Nb_6C_5, ordering, superlattice and domain struct. obs. 2—9483
    Ni-2.5 wt.% Be, ageing, microstruct. changes, Guiner Preston zone growth 2—19247
    Ni-Al alloy, precip. morphology and effect on mech. props. 2—29404
    Ni-Al_2O_3-Mg alloy, Al_2O_3 particle coarsening 2—32743
    Ni-Cr alloy, interfacial energy ratios, elec. microscope obs. 2—9573
    Ni-Cr alloys, influence of grain size on creep 2—12872
    Ni-Cr elec. resist. heating alloys, rel. to lifecycle, added elements effects 2—32732
    Ni-Cu-Fe-graphite alloy, change during sintering 2—1401
    Ni-(50 wt.%)Fe alloys, secondary recrystn. mechanism 2—39937
    Ni-ThO_2, dispersion strengthened, annealing, ThO_2 praticle growth, electron microscopy 2—9734
    Ni, crystal, grown by Czochralski method, substruct. 2—25343
    Ni, dispersion hardened, ThO_2 particles 2—9690
    Ni, electrodeposited, texture, contrib. of twinned crystallites 2—1179
    Ni, electropolishing, heat cycling, substruction disorientation, x-ray exam. 2—12778
    Ni, interfacial energy ratios, elec. microscope obs. 2—9573
    Ni, neutron irradiation , void growth and nucleation 2—9526
    Ni, substruct changes rel. to high temp. creep 2—12730
    Ni, tensional deformation, secondary recrystallisation structure 2—12947
    Ni, ZrO_2 dispersion strengthened 2—39902
    Ni alloys, rel. to development as high performance, high temp. mats., review 2—12973
    Ni and alloys, dispersion hardened, rel. to strengthening 2—39936
    Ni base alloys, Ni_8X, X=combinations of V, Nb, Ta, order-disorder reactions, elec. resist. obs. 2—13007
    Ni super-alloy, plastic deformation 2—12863
    $Ni_{1-x}Co_xFe_2O_4$, effect of prep. method 2—29829
    Ni_3(Fe,Mn) alloys, antiphase domains 2—6446
    Ni_3Fe alloy, critical transformation temp., biphase domain 2—12780
    Ni_3Mo alloy, dissociated antiphase boundaries 2—9548
    Pb-Cd-Sb alloy, rel. to tensile properties 2—19269
    Pb, double annealing, grain growth rel. to defects 2—32501
    Pb, striation formation, thermal growth conditions depend. 2—3586
    $PbNb_2O_6$-$BaNb_2O_6$ ceramic system, rel. to dielec., piezoelec., and pyroelec. props. 2—29739
    β-PbO_2, thermal decomp., intermediate structs. 2—22870
    PbS film, rel. to mechanisms of photosensitivity 2—36613
    PbTe, effect of impurities on homogeneity and dislocation struct. 2—36035
    PbTe, pressed powders 2—1379
    PbTe epitaxial films, substrate influence 2—9279
    PtSi, sputtered film, electron microscope obs. 2—3540
    α-Pu, extruded, elongation rel. to grain size 2—6550
    Si, amorphization by 30 keV P ion implantation 2—25381
    Si, defect. struct., high-resolution phase-contrast electron microscopy obs. 2—6491
    Si, disturbed layer struct. 2—36010
    Si, etching, struct. 2—39572
    Si, foil, vacancy clusters, electron diffr. contrast profiles 2—6486
    Si, homogeneity breakdown, during joint diffusion of Ni and P 2—36058
    SiC, fracture surface, scanning and transmission electron microscopy 2—9697
    SiC, self-bonded, effect on fracture strength 2—29329
    SmO, antiphase boundaries 2—25333
    Sn-Pb alloy, solidified at high cooling rate 2—39941
    Sn-Pb eutectic alloy, superplastically deformed, texture 2—12975
    Sn, double annealing, grain growth rel. to defects 2—32501
    Sn, low temp. thermal cycling, grain growth, secondary recrystallization 2—32691
    SnS-Sb_2S_3 system, phase diagram determ. 2—29496
    SnTe, pressed powders 2—1379
    Ta-Ti, alloy, film, struct., composition, rel. to sputtering conditions 2—12671
    Ta film, sputtered, cryst. lattice perfection, grain size distrib. 2—29042
    Ti-Al-Sn-Zr-Mo alloy, rel. to tensile props. 2—39942
    β-Ti-Fe(Cr)(Mn)(Mo) alloys, rel. to phase transform. 2—12979
    Ti-Mo-Ni system, polythermal section 2—32788
    Ti-$TiC_{0.52}$ two-phase platelets, optical metallography, electron microfractography 2—6582
    Ti-V and Ti-V-Al alloys, after quenching, comp. depend. 2—36141
    Ti alloy, fine subgrain struct. adjacent to fatigue cracks 2—32543
    Ti alloys, heat treatment, equilibrium diagram 2—1350
    α-Ti and alloys, rel. to effect of β-stabilizer on mech. props. 2—36143
    TiO_2, opacified porcelain enamel, electron microscope obs. 2—32474
    TiO_2, rutile, recovery of high temp. creep-resistant substruct. 2—29272
    $Tl_xGa_{1-x}S_2$ alloys 2—29498
    U-Nb-Zr alloy, γ^0 phase domain struct. 2—9495
    U-V-C system, α grain size, C content effects 2—36310
    UO_2 helices, for irrad. creep meas. 2—36254
    U_3Si, as-cast struct., rel. to X-ray diffr. pattern 2—32476
    V-N alloy, phase transformation 2—22367
    VO_x morphology and substruct. of b.c.c. to b.c.t. transform. induced by impurities 2—15976
    W, deformed, X-ray diffr. broadening shape analysis, domain size, strain values 2—3689
    W, wire annealed, internal cavities in fibre boundaries 2—9582
    W alloying, high temperature strength 2—39914
    WC-Co alloy, slip lines, deform. mech., electron microscope obs. 2—32531
    WC-Co cemented carbide, compressive deformation, microstruct. obs. 2—39791
    Zn, hydrostatic extrusion, plasticity and strength 2—19184
    ZnO, ribbon cryst., orientation, whisker growth obs., X-ray etching obs. 2—12693
    Zr-Cr alloy, crystallite size, comp. depend. 2—22291
    Zr-(3 wt.%)Mo-(1 wt.%) Al, tempering of strain induced martensitic phase 2—25639
    Zr-Pu dilute alloy, orientation relations in $\beta\rightarrow\alpha$ transform. 2—29483
    Zr-Sn solid soln., substruct. strengthening 2—12953
    Zr, cold rolled, polygonization, recrystallization and recovery, electron microscopy 2—6502

Crystal structure continued
microstructure continued
α-Zr, substruct. strengthening 2—12953
Zr, texture rel. to plastic deformation 2—15892
Zr and zircalloy, precipitation of zirconium hydride, heat treatment effect 2—22369

Crystal structure, atomic
seealsoCrystalelectronstates;Crystals/latticemechanics;Electrondiffractioncrystallography;Neutrondiffractioncrystallography; Space groups; X-ray crystallography
arrangement of atoms, method for illustration 2—9372
atomic parameters, expressed by 5 scalar invariant quantities 2—3598
atomic positions, detailed mapping using ENDOR 2—20169
atomic scatt. factors, incoherent scatt. intensities, elements of at. number 2-36 2—35960
Bravais lattice planes, Gruber's algorithm applic. 2—22125
bubble model, demonstration of buildup HCP lattice 2—15693
coordination sphere limits 2—9380
cosine seminvariant formulas 2—3599
derivative lattices, determ., transform. matrices 2—32408
electron density function calc., anomalous dispersion effects 2—9383
form simulation in external asymmetry problems 2—9352
grid points, rotational, optimal spacing 2—3601
group theory applic. and irreducible representations of wave vector 2—6713
inverse image of atom, Fourier treatment 2—22122
ion beam scattering, space and energy distribution 2—36643
ion beams scattering, lattice thermal vibrations, space and energy distribution 2—36644
ionic crystal, NaCl-type, interplanar distance calc. 2—35956
lattice parameter meas. by X-ray scanning techniques 2—3653
lattice parameter meas. using divergent beam X-ray technique, computation by iterative process 2—12705
lattice periodicity, effect on electron-plasmon scattering processes 2—29607
lattice periodicity contribution to electron-plasmon scattering processes, dependence on form of Fermi surface 2—32904
laws of anatomy for real cryst. 2—9376
Lorentz factor calc. at lattice sites in simple orthorhombic lattices 2—4094
magnetic groups characterization 2—22662
molecular crystal, face-centred, interplanar distance calc. 2—35956
molecular point groups, computer algorithm for symmetry adaptation in Fortran 2—22123
multi-coloured point groups 2—22124
nonvariant cubic structure types 2—12701
ordering for systems with hard-core potentials, sum rules 2—15695
orthographic projection onto lattice planes, matrix method 2—3593
orthorhombic and hexagonal lattices, dipole fields and elec. field gradients, depend. 2—4093
plane habits det. by statistical obs. on single specimen 2—39626
point group compatibility tables, use in determ. selection rules for defect activated transitions 2—19989
point groups, cubic crystal, irreducible vector and ray representations in four dimensions 2—3596
point groups, generators and integrity bases 2—32411
point groups, non-equivalent extension by lattice groups and multiplicative group of complex numbers 2—39598
point groups, singular matrix represent. 2—37573
polytypic structures, rel. to stacking fault energy 2—3785
shear, diffr. effects 2—25297
structure analysis, translation functions and direct methods 2—32434
sublattices and superlattices, theory 2—25280
supergroup tables and subgroup represent., method of ascent in symmetry 2—22119
symmetry, allowed operations and meas. sensitivity effects 2—3566
symmetry, diffr. enhancement 2—32410
symmetry and ferroelectricity 2—19759
symmetry changes due to meas. sensitivity changes 2—9325
tangent formula generalization 2—6405
tetragonal lattice, dispersion laws 2—9374
tetragonal space group, homogeneous sphere packing 2—9379
thin crystals, electron microscope image contrast technique 2—32427
torsion angle, standard deviation calc. 2—22120
unoccupied spaces location method 2—9382
wavevector double groups, irreducible represent., rutile-type cryst. 2—9373
X-ray diffraction hyperextinction rules and hyperdiffraction symmetry 2—1218
alloys
algebraic model, based on Boolean functions 2—9436
alloy, disordered, multi-atom interaction energies 2—15931
binary, static displacement of atoms, determ. using anomalous scattering 2—3691
binary alloy system, phase stability and bond types 2—39999
binary ordering, electrostatic and total energy calcs. 2—15713
binary system, second neighbour interactions, ground state 2—22148
β-brass, long-range order 2—36231
brass, ordering parameter 2—25595
γ- brasses, Cu_5Zn_8, Cu_5Cd_8 2—15719
γ- brasses in Cu-Zn-Al system 2—15718
disordered, diffuse X-ray scatt. obs. 2—9375
f.c.c. ternary, ordering Gorskii- Bragg-Williams approx. 2—25586
intermetallic compounds, structural chemistry 2—6421
Laves phases, physical props. 2—9476
metal-B-N system, equilib. state 2—29489
metallic, binary f.c.c., free energy relations 2—25322
rare earth compounds, $Ln_2X_{\sim 9}$(X=Zn or Cd) 2—39656
rare earth metal hectoboride phase, lattice parameters and Knoop hardness 2—9833
rare earth-rhodium alloys, Ln_3Rh, Ln_7Rh_3 and $LnRh_3$ phases 2—22161
solid solns. of molecular bodies, symmetry relationships 2—9377
solid solution, type B2 superstructure, lattice parameter near antiphase boundary 2—9433
stacking order stability in c.p. alloys, Fermi sphere deform. effects 2—12713
steel, high Al content, austenite and martensite struct. 2—12724
steel, martensitic, two-phase decomp. study 2—12967
ternary, disordered, role of 3 body potentials 2—32715
ternary systems {Y, La, Ce}— {Al, Si}—B, X-ray analysis, isothermal sections determ. 2—39657

Crystal structure, atomic continued
alloys continued
tetragonal (Li_0) superlattice formation 2—22355
transition metal, topologically close packed phases, band structure, elec. props. 2—35977
Ag-Gd system, intermetallic cpds. 2—22375
Ag-Zn, electron microscopic investigation of ordered β' and ζ phases 2—32440
Al-Ag-Zn, precipitation sequence 2—3938
Al-Ge system, metastable phase 2—36296
Al-Mg-Li system, age hardening, precipitation 2—12954
Al-Mo system, phase equilibria 2—4015
Al-Zn-Mg, ageing, transition phase, X-ray obs. 2—9753
Al-Zn, pre-precipitation, X-ray and neutron scatt. obs. 2—3939
Al-Zr, lattice const. of precipitating Al_3Zr phase 2—36273
Au-In solid solution, lattice parameters, solubility limit, thermal expansion, density 2—19265
Au-Se alloy phase, modulated struct. 2—32442
$AuCu_3$, lattice parameters, antiphase boundary influence 2—39631
$(Au_{1-x}Pd_x)Te$, latter parameters, rel. to supercond. T_c 2—19577
Bi_2Te_3-BiI_3-Te, structure, phase composition and props. 2—3982
Ce-Mg, intermetallic compound, disordered substitutions, X-ray obs. 2—6452
Co-Al, coercivity rel. to precipitate anisotropy 2—22686
Co-Fe-Nb, cold drawn, annealed, hardness, coercive force, magnetization 2—1625
Co-P, noncryst. film, electron diffraction obs. 2—6429
Co-Pd alloy, ordered phases, elec. diffr. obs. on evap. single crystal films 2—32781
CoMnSb. Heusler alloy X-ray diffr. obs. 2—19862
Cr-Fe-Ni particles, lattice parameters 2—12721
$Cr_5Si_3C_x$, lattice parameters, rel. to study of Cr-rich Cr-Si-C phase diagram 2—40001
Cu-Mn, short range order, MnO_2 contrib. to diffr. pattern 2—19267
Cu-Mn, short range order 2—39640
Cu-Mn, short range ordering 2—1228
Cu-Ni-Pd system, 400-700°C, X- ray obs. 2—3705
Cu binary alloy, diffr. peak due to coherent scatt. by superlattices 2—12722
Cu_3As, prep. and props. 2—1409
$CuGa_2$, electron correlations 2—19048
$Cu_2In_4Te_7$, defect phase semiconductor, sphalerite struct., X-ray obs. 2—25807
Cu_3Pd, long period ordered struct., phase transition, X-ray obs. 2—9799
CuSe, prod. and struct. determ. by electron microscopy 2—29139
Cu_5Zn_8, Cu_5Cd_8, γ-brasses 2—15719
Er-Co, intermetallic compound, disordered substitutions, X-ray obs. 2—6452
Er-Mn-Al system, lattice parameters of $ErMn_2$-$ErAl_2$ 2—40553
Fe-Al-Si, fine structure, X-ray obs. 2—9470
Fe-Co system, strength rel. to comp., phase transformations 2—19268
Fe-Cr_7C_3 eutectic, oriented crystallization, struct., strength 2—3436
Fe-Ga, BiF_3-type ordering 2—13446
Fe-Ga, metastable, BiF_3-type ordering. Mossbauer obs. 2—33225
Fe-Mn-C, martensitic, rel. to metallurgical treatment 2—12997
Fe-Ni-Mo-Co, martensitic, temper hardening, X-ray diffr. electron microscopy 2—9740
Fe-Ni-Mo, lattice distortion due to deformation 2—15721
Fe-Ni, whiskers, growth, and structure, elec. microscope obs. 2—18950
Fe-Si, ordered solid soln. struct., Mossbauer obs. 2—19987
$Fe_{1-x}Ni_xAl$ solid solns., lattice parameter 2—39641
Gd_3(Fe,Co,Ni), pseudobinary, struct. rel. to mag. props. 2—33175
$Gd_2Zn_{\sim 9}$, X-ray study 2—39656
Ir-Mn-Al struct. type, lattice parameter 2—22160
Ir-Mn-Sn, struct. type, lattice parameter 2—22160
Ir_2MnAl struct. type, lattice parameter 2—22160
Ir_2MnGa, lattice parameters 2—33134
$Ir_{0.92}Mn_{1.16}Sb_{0.92}$, lattice parameters 2—33134
La-Fe, intermetallic compound, disordered substitutions, X-ray obs. 2—6452
Mg-Co-Ni 9-layer Laves phase, composition and lattice constants determ. by single crystal and powder X-ray diffraction 2—39645
Mg-Cu-Zn 9-layer Laves phase, composition and lattice constants determ. by single crystal and powder X-ray diffraction 2—39645
Mg-Li-Zn 9-layer Laves phase, composition and lattice constants determ. by single crystal of powder X-ray diffraction 2—39645
$MgNi_2$-$MgZn_2$, stacking variants rel. to electronic struct. 2—32464
Mg_6Pd, complex cubic A_6B cpd. 2—32463
Mn-Co-Si system, X phase, $Mn_{45}Co_{40}Si_{15}$ 2—39646
$MnPd_2$, antiferromagnet, neutron diffr. obs 2—16398
Nb-C-Re system, intermetallic cpd. structs. 2—36304
Nd-Dy system, conc. depend. 2—19834
$NdFe_2$, Laves phase, lattice parameters 2—22343
Ni-Fe-V system, ordering 2—39938
Ni-Fe-W system, atom ordering 2—39650
Ni-Nb, nucleation of long range order, elec. resist. study 2—12972
Ni solid solns., non-equil., short-range order estab. 2—9772
$Ni_3Al_xT_{1-x}$, x=0, 0.5, 1, lattice parameter mismatch, thermal expansion coeff. obs. 2—25345
Ni_3Fe, short range order correl. with phys. props. 2—25601
NiMnSb, Heusler alloy, X-ray diffr. obs. 2—19862
PdMnTe, lattice parameters 2—33134
$Pr_2Co_{1.7}$, uncorrelated arrangements of Pr and Co atoms, X-ray obs. 2—3726
$PrFe_2$, Laves phase, lattice parameters 2—22343
Pt-Pd-Fe, alloys, and mag. props., mag. hardening, X-ray obs. 2—29813
PtFe-PdFe(PtNi), ordering, magnetic transformation temp., lattice parameters, magnetization, coercive force 2—1633
Pu-Cu, Pu-Ga-Cu, Pu-Ga-Ni systems, unit cell parameters, X-ray diffr. 2—15730
Rh/Fe-Ni, plated alloy, lattice parameters during heat treatment 2—9471
Rh-Mn-Sb, struct. type, lattice parameter 2—22160
Rh_7Mg_{44}, determ. by X-ray diffraction 2—29151
Rh_2MnAl struct. type, lattice parameter 2—22160
$RuZn_6$ primitive cubic, non-centrosymmetric phase by X-ray phase determ. 2—29152
Ta-(1.53at.%)C, interstitial ordering, field ion microscope obs. 2—9493
Tb-Mn-Al system, lattice parameters of TbMnAl 2—40553
Th-C-N, unit cell dimens., at temps. to 2250°C, X-ray diffr. obs. 2—19060

Crystal structure, atomic continued
- **alloys** continued
  - Th-Ni, intermetallic compound, disordered substitutions, X-ray obs. 2—6452
  - Th hectoboride phase, lattice parameters and Knoop hardness 2—9833
  - $ThCo_5$-$ThNi_5$, X-ray diffr. obs. 2—1634
  - ThNiSn, Debye-Scherrer determ. 2—3736
  - ThPdSn, Debye-Scherrer determ. 2—3736
  - ThPtGe, Debye-Scherrer determ. 2—3736
  - ThRhIn(Sn,Sb), Debye-Scherrer determ. 2—3736
  - Ti-Al-Ga, ordered phase formation 2—9774
  - Ti-Zr-O, $\omega'(0)$ phase 2—39653
  - Ti-Zr-O alloys, phase characterisation 2—40009
  - Ti alloys, X-ray diffr. peak assignment 2—39654
  - TiNi, martensite struct., rel. to premartensitic instability 2—9825
  - U-C-X, X=Ce, Nd, La, lattice parameters rel. to phase diagram 2—9838
  - UC-ZrC solid solns. cubic lattice parameter var. with temperature and composition 2—15733
  - V-Fe, ordering effects on B-2 struct. 2—33117
  - V-H system, H ordering in β-V_2H 2—32783
  - V_2Ga_5-Mn_2Ga_5 system, X-ray diffr. obs. 2—39655
  - V_3Ga solid solns. 2—9496
  - $V_{16}N$ superlattice, precipitation in V, X-ray diffr. obs. 2—15975
  - W-Re, short-range order resist., and Hall coeff. study 2—39944
  - Y-Cu interstitial solid solution 2—19271
  - Y-Ge system, rel. to phase relationships 2—9839
  - Y-Ni, intermetallic compound, disordered substitutions, X-ray obs. 2—6452
  - $Y_2Zn_{\sim 9}$, X-ray study 2—39656
  - Yb-Co system, intermetallic cpds., X-ray diffr. study 2—25349
  - Yb-Fe system, intermetallic cpds., X-ray diffr. study 2—25349
  - Yb-Ni system, intermetallic cpds., X-ray diffr. study 2—25349
  - $YbFe_2$, Laves phase, lattice parameters 2—22343
  - ZrO_2-Gd_2O_3, phase transformations 2—9840
- **elements**
  - graphite, faulted, trigonal symmetry in electron diffr. patterns 2—9438
  - graphite, lattice consts. variation with temp. 2—9865
  - graphite, symmetry of electron diffr. diagrams 2—9442
  - metal, bubble raft and grain boundary, atomic config. 2—15770
  - metal, non-transition, pseudopotential calc. 2—40139
  - metal, simple, pseudopot. calc. 2—9317
  - metallic phase stability, electronic energy considerations 2—25237
  - metals, internal gravity-induced electric fields calc. from periodicity deviations of the lattice 2—9914
  - metals, internuclear distance rel. to electronic struct. 2—40121
  - visualization of single heavy atoms by dark field electron microscopy 2—21521
  - Ag, lattice parameters and thermal expansion coeffs. 30-180K, X-ray method 2—3694
  - Ag, symmetry of electron diffr. diagrams 2—9442
  - Al, atomic scattering factors determ. from thermal diffuse scattering meas. 2—29509
  - Al, lattice parameters and thermal expansion coeffs. 30-180K, X-ray method 2—3694
  - As, atomic positional parameter pressure depend., X-ray obs. 2—22268
  - Au, conical illum. bright field electron microscopy, selected area diffr. 2—9400
  - C, turbostratic, disordered regions, X-ray obs. 2—3976
  - Cd, splat cooled, isothermal annealing effect 2—6427
  - Co, noncryst. film, electron diffraction obs. 2—6429
  - Cr, atomic scatt. factor 2—35983
  - Cu, atomic scattering factors determ. from thermal diffuse scattering meas. 2—29509
  - Cu, electron-irrad., lattice parameter/resistivity change ratio depend. on defect conc. 2—15740
  - H, metallic, zero press. 2—22155
  - Mo, lattice parameters and thermal expansion coeffs. 30-180K, X-ray method 2—3694
  - α-N, mol. centre displacement, at. separation 2—32467
  - α-N, piezoelec. reson. obs. 2—32466
  - Ni, noncryst. film, electron diffraction obs. 2—6429
  - Pt metals, solid equation of state, lattice parameters, -189 to 1709°C 2—19304
  - Se, hexagonal, anisotropy of compressibility and thermal expansion 2—15731
  - Si:B, ion implanted, lattice parameters 2—9488
  - Si:B,P, lattice contraction coefficients detn. 2—22225
  - Si:N ion implanted buried layer, electron channelling patterns obs. in scanning microscope 2—25440
  - Si, ion implanted, precision lattice parameter obs. 2—3763
  - Si, proton backscatt., angular width of blocking, interatomic dist. determ. 2—25705
  - Si, struct. factors meas. using Pendellosung and interferometry fringes 2—9487
  - Si, structure factors and absorp. potentials, electron diffraction intensities 2—3729
  - β-Sn, cryst. lattice geometry, lattice plane stacking, jogs, slip-forest dislocation elastic interaction 2—9491
  - Te, film, growth, orientation, electron microscope and diffr. obs. 2—3549
  - α-Ti, X-ray diffr. peak assignment 2—39654
  - W, large angle grain boundaries, FIM study 2—12736
  - W (112) surface, diffraction of He atoms 2—6406
  - Yb, martensitic transformation, X-ray diffraction obs. 2—6641
  - Zr four axis hexagonal reciprocal lattice, electron diffraction analysis 2—3741
- **inorganic compounds**
  - A15 superconductors, linear chain model 2—19562
  - actinide oxides, crystallographic shear relations 2—3738
  - actinolite, double bonding 2—9440
  - alkali metal compounds, X-irradiation effects 2—36375
  - alkaline earth aluminates and hydrates 2—9443
  - anorthite, struct. refinement, bond lengths and angles 2—9464
  - apatite, e.p.r. of Mn^{2+}, impurity distrib. regularities 2—10498
  - apatite, structural changes during hydrothermal treatment, i.r. spectral investigation 2—39635
  - Bi_2Se_3 epitaxial film, vapour phase deposited, elec. diffr. obs. 2—39498
  - boracites, atomic displacements due to polarity changes 2—32465
  - carbide, precipitated from martensite high C steel 2—32725
  - chalcogenide spinels 2—12715
  - chromates, double salts 2—29134

Crystal structure, atomic continued
- **inorganic compounds** continued
  - clinamphiboles, lattice consts. 2—9441
  - complex, methyltetracarbonyltriphenylphosphine-manganese(I) evidence for cis and trans isomers from X-ray data 2—35991
  - corundum type struct. 2—9434
  - garnet, growth-induced noncubic anisotropy 2—36732
  - garnet, growth-induced noncubic anisotropy 2—36731
  - goetzenite, cell parameters, space group 2—9463
  - halide, layer structure, rel. to optical props. and chemical decomposition, reveiw 2—16686
  - halogenoborates, $M_2B_5O_9X$ M=Ca, Sr, Ba, Eu, Pb; X=Cl, Br 2—9451
  - heterosite, refined structure 2—25332
  - hydroborates, forms of threefold $[B_3O_8]^{7-}$ ring 2—9450
  - interatomic distance in binary compounds rel. to exhange splitting in excitons 2—29903
  - iron cyanide bronze, prep. and structure 2—25244
  - langbeinite-type salts 2—29134
  - lanthanide chalcogenides, ternary, cryst. families and mag. props. 2—9341
  - lanthanide oxides, crystallographic shear relations 2—3738
  - leonhardite, determ. by X-ray diffractometry 2—6426
  - molybdates, trivalent metal, struct. and phase relns. 2—9340
  - molybdenite, symmetry of electron diffr. diagrams 2—9442
  - muscovite, symmetry of electron diffr. diagrams 2—9442
  - neutron diffraction, review 2—29133
  - oligoclases, albite 2—9439
  - perovskites, $A^{1+}B^{5+}O_3$-type, stacking sequences 2—9346
  - phlogopite, symmetry of electron diffr. diagrams 2—9442
  - plagioclase satellite refls. origin 2—6420
  - pseudocubic lattices, precise meas. of lattice parameters 2—22129
  - rare earth, sequisulphide, reflectivity, band struct., density, spectra, X-ray obs. 2—40671
  - rare earth hydroxyfluorides 2—3728
  - rare earth intermetallic compounds, structural stability determ. 2—10206
  - rare earth molybdates, $Ln_2(MoO_4)_3$, precision lattice parameters, ferroelectric-paraelectric struct. transition 2—9486
  - rare earth nickel oxides 2—3727
  - rare earth niobates, $RENbO_4$ type 2—6448
  - rare earth oxide (R_2O_3)-WO_3 system, cpd. formation, stoichiometry 2—9339
  - rare earth silicates, of type $RE_2[SiO_4]O$, X-ray diffr. 2—6450
  - rare earth zirconium oxides, $Ln_2O_3.2ZrO_2$ 2—36284
  - rare-earth borides, B-rich, lattice parameter calcs. 2—9337
  - refractory carbides, packing and vacancy ordering 2—9329
  - refractory sulphides, metal-rich, significance of Kasper polyhedra 2—9351
  - ruthenium niobate 2—9480
  - rutile-type, wavevector double groups, irreducible represent. 2—9373
  - scandium oxide, nonstoichiometric, plasma-synthesized 2—9344
  - sulphates, double salts 2—29134
  - sulphur phase ternaries, $M\,Mo_nS_{n+1}$, M=Ag, Sn, Ca, Sr, Pb, Ba, Ni, Co, Fe, Cr, Mn, Cu, Mg, Zn, Cd 2—9478
  - thiogallate phosphor, MGa_2S_4:Ce^{3+}, Eu^{2+} 2—26234
  - TiO_x, lattice parameters 2—32992
  - transition metal chalcogenides, ternary, cryst. families and mag. props. 2—9341
  - transition metal complex, $(RNH_3)_2MX_4$, two-dimensional mag. interactions 2—3692
  - transition metal dichalcogenides, group IVA, symmetry analysis 2—36417
  - transition metal phosphides containing iron crystallographic ordering mechanism 2—4444
  - transition metal sulphides, $Me_xNb(Ta)S_2$ Me=Mn, Cr, Fe, Co, Ni, V 2—3722
  - tungstates, trivalent metal, struct. and phase relns. 2—9340
  - Tutton salts 2—29134
  - vanadium oxides, effects on d-electron state 2—9318
  - X-ray powder diffraction data for 63 substances 2—39629
  - β-Mg_2SiO_4, geometrical factors 2—6439
  - α-$2CaO.GeO_2.H_2O$, struct. formula 2—36871
  - $3Al_2O_3.\ 2SiO_2$, i.r. freq. calc. 2—36867
  - $[Pt(NH_3)_4]Cl_2.2H_2O$, anisotropy of chem. shift of ^{195}Pt nmr signal, position of Pt units in unit cell 2—26307
  - AgF, X-ray diffraction, NaCl type structure, room temp. 2—32802
  - AgI-AgBr solid solution, lattice parameters, rel. to ice crystal nucleation 2—3693
  - Ag_2S, lattice parameters, X-ray determ. 2—1203
  - Ag_2Se, lattice parameters, X-ray determ. 2—1203
  - Al_xNbSe_2, x-ray obs. 2—25643
  - κ-Al_2O_3, alumina, unit cell obs. 2—25325
  - α-Al_2O_3, alumina ceramic, interatomic spacings, X-ray obs. 2—29135
  - $AlPO_4.2H_2O$, high temp. phases, X-ray obs. 2—39979
  - Al_2TiO_5, room temp. and 600°C 2—39630
  - Ar h.c.p. single cryst. doped with 2% O_2, birefringence and neutron scattering study 2—18976
  - $\alpha(\beta)$-As_4S_3, n.q.r. spectra, far i.r. spectra, point charge calcs. 2—10586
  - $As_{1-y}Sb_yMn_3N$, metallic perovskite, orthorhombic deformation 2—25618
  - Au complex, $Au[S_2CN(C_4H_9)_2]_2Au[S_2C_2(CN)_2]_2$ 2—12716
  - $B_{12}C_3$, pseudo-hexagonal representation 2—9455
  - BF_3, BCl_3, BBr_3 and BI_3, 77 K, factor group analyses of Raman spectra 2—22783
  - BN, group analysis and decomp. of crystal Hamiltonian in Fourier series 2—3696
  - B_2O_3, crystalline, ^{11}B NMR meas. rel. to structure 2—22838
  - Ba-Fe-S(Se) system, cpd. formation, structural chemistry and mag. props. 2—9332
  - $BaAl_{12}O_{19}$, doped with Fe group ions, absorption spectra, valency and coord. nos. of impurity ions 2—1687
  - $BaAlSi_2O_6(Cl,OH)$, synthetic 2—9453
  - $BaBiO_3$, semiconductor, lattice parameters 2—4206
  - $BaC_2O_4.2H_2O$, determ. of crystal structure 2—25327
  - $BaCeO_3$, lattice parameter relations, ionic radii effects neutron diffr. obs. 2—32443
  - $Ba_2Cr_{7-x}O_{14}$ ($x \simeq 0.5$), 12-layer struct. determ. 2—39632
  - $BaFeF_5$ 2—9452
  - $Ba(MnO_4)_2$, refinement of crystal structure 2—25326
  - $BaMnO_3(2H)$, and refinement from X-ray and neutron diffr. data 2—19918
  - BaO-Ni(Co)O-O-CO_2 systems, aragonite and 2H $BaNiO_3$ type phases 2—9454
  - $BaPrO_3$, lattice parameter relations, ionic radii effects neutron diffr. obs. 2—32443

Crystal structure, atomic continued
inorganic compounds continued
$BaSuGe_3O_9$, $BaSuSi_3O_9$, $BaSu(Ge_{3-y}Si_y)O_9$, atomic positions 2—25334
$BaTbO_3$, lattice parameter relations, ionic radii effects neutron diffr. obs. 2—32443
$BaTiO_3$, hydrolysis prep., X-ray analysis, dielec. props. 2—16676
$BaTiO_3$ lattice parameters, O comp. 2—32444
$Ba_4Ti_{13}O_{30}$, determ. by powder crystallography and electron microsonde analysis 2—12717
$BaVO_3$ high pressure, 14 layer hexagonal stacking sequence, as in $BaCrO_3$ 2—3740
$Ba_3(XO_4)_2$, X=P, As, V, Cr, Mn, i.r. and Raman vibr. spectra, interpretation based on crystal structure 2—8586
α-$Ba_2[Al_4(OH)_{16}]$ 2—29136
γ-$Ba[AlO(OH)_2]_2$, X-ray struct. analysis 2—35979
$Ba[Pt(CN)_4].4H_2O$, anisotropy of chem. shift of ^{195}Pt nmr signal, position of Pt units in unit cell 2—26307
Be_2SiO_4, phenakite 2—9456
$BiCl_3$, X-ray diffr. obs. 2—9457
$BiFe_{1.35}Al_{1.65}(BO_3)_4$ huntite, bismuth containing, X-ray powder diffraction pattern, cell parameters 2—3697
$Bi_4Ge_3O_{12}$, grown by Czochralski method 2—19000
$BiRhO_{3\|x}$, pyrochlore and perovskite prep. and struct. obs. 2—9458
$BiRhO_{3\|x}$ system, pyrochlore and perovskite prep. 2—25242
$Bi_4Si_3O_{12}$, grown by Czochralski method 2—19000
Bi_3TiNbO_9, ferroelec., X-ray and neutron diffr. obs. 2—32445
Bi_3TiNbO_9, rel. to ferroelec. props. 2—25328
Bi_3TiNbO_9, rel. to ferroelec. props. 2—3698
$Bi_4Ti_3O_{12}$, rel. to ferroelec. props. 2—25328
$Bi_4Ti_3O_{12}$, rel. to ferroelec. props. 2—3698
$Bi_4Ti_3O_{12}$, X-ray and neutron diffr. obs. 2—32446
Bi_2WO_6, rel. to ferroelec. props. 2—25328
Bi_2WO_6, rel. to ferroelec. props. 2—3698
$BrF_5.2SbF_5$, space group and lattice parameters 2—3699
C_xBr, lamellar cpds., X-ray obs. 2—22149
$CaAsO_3(OH).H_2O$, haidingerite 2—39636
$CaAsO_3(OH).H_2O$, haidingerite, rel. to hydrogen bonding 2—39637
$CaBSiO_4(OH)$, datolite, positions of hydrogen atoms 2—19044
$CaCl_2.2CH_3OH$ solid solution, X-ray determ. of crystal structure 2—6425
$CaCrO_3$, X-ray diffr. obs. 2—4407
CaF_2, α-UO_3, La_2O_3, NaCl structure types, crystallographic shear relations 2—3738
Ca_2FeAlO_5, brownmillerite 2—9462
$Ca_4Fe_9O_{17}$, $CaFe_3O_5$, $CaFe_5O_7$, lattice dimensions determ. by X-ray methods 2—39634
$CaGeN_2$; $Ca_{1-x}GeN_2$, cell parameters, space group 2—15714
$Ca(H_2AsO_4)_2$, X-ray diffraction analysis 2—6423
$CaHPO_4$, monetite, H positions, neutron diffr. 2—12719
$CaHPO_4$, synthetic monetite, cryst. struct. refinement 2—32448
$Ca(H_2PO_4)_2.H_2O$, refinement 2—6424
Ca_2IrH_5, X-ray diffr., neutron diffr., magnetic susceptibility obs. 2—3703
$Ca_3Mn_2Ge_3O_{12}$, garnet, neutron diffr. obs. 2—19045
$Ca_5(PO_4)_3Cl:CrO^{3-}_4$, e.p.r. obs. at liquid helium temps. 2—4550
$Ca_{10}(PO_4)_6Cl_2$, sterically imposed nonstoichiometry 2—3769
$Ca_{10}(PO_4)_6F_2$-$Ca_4Y_6(SiO_4)_6F_2$ solid solution, comp. depend. 2—36275
$Ca_{10}(PO_4)_6(OH)_2$, melt grown single crysts. 2—15690
$CaPbO_3$, X-ray obs. 2—22152
Ca_2RhH_5, X-ray diffr., neutron diffr., magnetic susceptibility obs. 2—3703
Ca_2RuH_6, X-ray diffr., neutron diffr., magnetic susceptibility obs. 2—3703
Ca_2SiO_4-$Ca_3(PO_4)_2$ system, ordered distribution 2—12718
$CaVO_3$ perovskite-type metavanadate, orthorhombic symmetry 2—3740
$CaWO_4$, lattice parameters, thermal expansion, X-ray obs., 28-347°C 2—22151
$CaZn_2(PO_4)_2.2H_2O$, scholzite, dehydration and transform. phases 2—19294
Cd, compounds, elementary cell parameters of perovskite and pyrochlore structures 2—1223
Cd complex, tetramethylammonium cadmium chloride, l.f. lattice modes rel. to $(CH_3)_4NMnCl_3$ 2—1699
$Cd_{10}(AsO_4)_6Br_2$, sterically imposed nonstoichiometry 2—3769
$CdCl_2:Mn^{2+}$, struct. parameters temp. depend. rel. to zero field splitting 2—7117
$Cd(Fe_{1/2}Nb_{1/2})O_3$, ferromag., perovskite structure, behavioural anomalies below -225°C 2—1613
CdI_2 polytypes, Zhdanov numbers in Zigzag sequence 2—25329
CdI_2 polytypes 2—9465
$CdIn_2Se_4$, in Cd_3Se_3-In_2Se_3 pseudobinary system 2—4017
$CdIn_6Se_{10}$, in Cd_3Se_3-In_2Se_3 pseudobinary system 2—4017
CdM_2F_6S, (M^{II}=Mn, Fe, Co, Ni, Cu, Zn), X-ray obs. 2—22153
$Cd_{10}(PO_4)_6Br_2$, sterically imposed nonstoichiometry 2—3769
$Cd_{10}(PO_4)_6Br_2$, sterically imposed nonstoichiometry 2—3769
$CdPbO_3$, X-ray obs. 2—22152
Cd_3Se_3-In_2Se_3, phase diagram 2—4017
CdTe, interatomic distance, effect on exchange splitting in excitons 2—29903
Cd_2TiWO_7, growth, dielec. props. 2—39638
$Cd_{10}(VO_4)_6Br_2$, sterically imposed nonstoichiometry 2—3769
$Cd_5[SiO_4]_2(OH)_2$ 2—9466
$CeFe_2B_2$, intermediate phase in Ce-Fe-B system 2—29491
CeO_{2-x}, rel. to oxygen transport 2—10623
$CeP_3O_9.3H_2O$, prep. and X-ray exam. 2—15724
Co complex, $D_3Co(CN)_6$, low temp. neutron diffraction study, N-D dist. H bond study 2—15715
Co complexes, stereochemistry, X-ray obs. 2—32452
$CoAs_3$, skutterudite 2—6428
$Co_xCd_{1-x}Fe_2O_4$, comp. depend. 2—1639
$CoMoO_4$, A- and D-phases 2—29137
$Co(NO_3)_2.4CO(NH_2)_2.2H_2O$, cell parameters, space group, X-ray obs. 2—35982
Co_2O_3, and low-spin high-spin transition 2—9468
$CoSiF_6.6H_2O$, X-ray diffr. obs. 2—35981
$Co_2SiF_6.6H_2O$, unit cell parameters before and after phase transform. 2—25624
$Co_3U_2O_8$ phase in Co-U-O system 2—15958
Co_xWO_3, bronze, density obs. 2—32451
$(Cr,Fe)_2Ti_{n-2}O_{2n-1}$, shear struct., X-ray and electron diffr. obs. 2—25243
CrO_2, crystal structure and lattice parameters, X-ray obs. 2—25253
$CrTaO_4$-TiO_2 solid solution, comp. depend. 2—1224
$CsBF_4$ high pressures, phase transformations 2—3987
$CsClO_4$ high pressures, phase transformations 2—3987

Crystal structure, atomic continued
inorganic compounds continued
$CsIOF_4$, cell consts., space group 2—32453
$Cs_3In_2Cl_9$ 2—31773
Cs_2MnBr_4, X-ray determ. 2—39639
$CsMnCl_3.2H_2O$, proton distribution, magnetic space group 2—33172
$Cs_2NaBiCl_6$ 2—29138
Cs_2O-B_2O_3 system, n.m.r. study 2—30026
$CsTl^{III}(SO_4)_2.2H_2O$, X-ray obs. 2—35984
Cu-Au alloy, field-ion microscopy obs. 2—12723
Cu (II) complex, bis biguanidium copper (II) nitrate dihydrate 2—22154
Cu (II) complex, bis(N-n-hexyl-o-hydroxyacetophenominato) copper (II) 2—25331
$CuCo_2O_4$, prep., X-ray diffr. 2—15720
$CuF_2.2H_2O$, neutron diffraction, meas. of H-O-H bond angle in water molecule at 298K 2—35985
$CuFe_2O_4$-$MnFe_2O_4$-Mn_3O_4 solid solution, effect of heat treatment 2—1627
$CuFeS_2$, single crystal, X-ray obs. 2—25272
$CuFeS_{2-x}$, $Cu_{1-x}Fe_{1\|x}S_{2-y}$, prep., structure and mag. suscept. 2—26062
$Cu_4Fe_4S_8$, $Cu_{18}Fe_{16}S_{32}$ and $Cu_9Fe_9S_{16}$ 2—32454
$Cu_5GdSe_4(Te_4)$, cell parameters 2—29080
CuI, polymorphism at high pressure 2—3989
Cu(II) complex, X-ray diffraction study, Cu-Cu separation meas. 2—35986
Cu_2In, NiAs-type struct. 2—32455
Cu_3LnTe_3(Ln=Sm, Gd, Dy, Yb, Y) 2—36230
$Cu_3Mo_2O_9$ 2—6430
$Cu_{4-x}Mo_3O_{12}$, ($x\approx0.15$) 2—6431
Cu_xNbSe_2, X-ray obs. 2—25643
$Cu(OH)_2$ polymorphism, phase transition, X-ray diffraction, infrared spectroscopy, 20-100°C 2—3991
$Cu_3(OH)_2(CO_3)_2$, azurite, neutron diffr. obs. 2—29140
Cu_2S, low chalcocite and relation to monoclinic system 2—6432
Cu_5YbS_4, cell parameters 2—29080
$DyAsO_4$, low temp. X-ray diffr. obs. of crystallographic phase transition 2—25628
$DyNaO_2$, X-ray obs. 2—35987
Dy_2O_3 X-ray diffraction study of crystal structure near melting point 2—6451
$DyVO_4$, low temp. X-ray diffr. obs. of crystallographic phase transition 2—25628
ErB_2, X-ray obs. 2—39591
$ErFe_2$-$ErAl_2$, C14 and C15 type struct. 2—6974
$ErNaO_2$, X-ray obs. 2—35987
Eu complex, dibenzoylmethane, symmetry around central ion 2—40663
Eu(III) complex, single crystal X-ray diffraction techniques 2—35988
Eu_2SiO_4, ferroelastic ferromag., optical absorpt. spectra, Faraday rotation 2—10195
$Eu_{5.2}WO_{10.8-x}$, lattice parameter and chem. comp. determ. 2—28967
F_2O 2—29932
$Fe_3B_7O_{13}I$, ferroelec., phase transitions at low temp., X-ray obs. 2—36592
$Fe_xCd_{1-x}Fe_2O_4$, comp. depend. 2—1639
$FeCl_2.4H_2O$ 2—3707
$FeCl_2.4H_2O$, 55.9% deuterated, neutron diffraction study of H atom positions 2—29141
$FeCl_2.4H_2O$ 2—9469
$Fe_{1\|x}Cr_{2-x}O_4$, X-ray diffr. obs. 2—22361
$FeI_2(CO)_2PH_3)_2$ X-ray diffraction study of crystal structure 2—1225
Fe(II) and (III), complexes with 1,10 phenanthroline and 2,2′-bipyridyl, Mossbauer study 2—7056
Fe(III) complex, oxo-iron(III) hydroxotrichloroferrate(III) 2—6433
Fe_3O_4-FeV_2O_4, spinel, lattice parameter rel. to composition, deviation from Vegards law 2—10212
Fe_3O_4, magnetite, Al^{3+}, Ga^{3+} or In^{3+} substituted, cation distributions, X-ray and Mossbauer obs. 2—19049
FeOCl, Mossbauer obs., temp. range 1.96-298K 2—4443
FeS, $Fe_{0.94}S$, defect structure, cryst. struct. and space group, X-ray and Mossbauer obs. 2—35989
$Fe_{3-x}Sc_xO_4$, cell parameters, comp. depend. 2—36751
$Fe_2SiF_6.6H_2O$, unit cell parameters before and after phase transform. 2—25624
$FeTaO_4$-TiO_2 solid solution, comp. depend. 2—1224
$FeVO_4$, and Mossbauer effect data analysis 2—19050
$FeVO_4$, space group and lattice parameters 2—3708
GaAs, non-stoichiometry, precision lattice parameter obs. 2—6434
GaP, symmetry shown by alloyed contact shapes 2—29082
GaP thin films, Raman spectra as technique for structure and composition analysis of films 2—29933
$Ga_{1-x}Se_x$, powder and single cryst. X-ray obs., Ga_3Se_2 found 2—35973
$Gd_3Al_5O_{12}$, melt grown, X-ray obs. 2—22110
GdO, and growth, electron microscope obs. 2—9473
Gd_5Si_4, orthorhombic, Pnma, lattice parameters, three dimensional X-ray data 2—9472
$Ge_2(MoO_4)_3$, ferroelec. ferroelastic and paraelec.-paraelastic phases, X-ray obs. 2—19052
GeO_2, rutile-type 2—6435
HCl single crystal, X-ray and neutron diffr. obs. 2—32457
$HClO_4.3H_2O$, and hydrogen bonding 2—29142
H_2S, p.m.r. line shape and second moment at 58K, H-H distances 2—26302
H_2Se, p.m.r. line shape and second moment at 58K, H-H distances 2—26302
HfO_2-Y_2SiO_5 solid solutions, lattice parameter 2—1411
HfO_yN_z, cell dimensions 2—1397
Hg complex, $[(NH_2)_2CS]_2.Hg(CN)_2$, X-ray analysis 2—32458
Hg complex, cis-dithiocyanotobis(1,10-phenanthroline)mercury(II) 2—12725
HgIn 2—19053
$HoNaO_2$, X-ray obs. 2—35987
IF_5, X-ray diffr. determ. 2—3712
$InCl_2$ 2—31773
InPb superconducting alloys, effect of variations on magnetostriction and magnetization 2—19823
InSe, pressure and temp. induced phase, X-ray obs. 2—22156
KAg_4I_5, single cryst., X-ray diffr. obs. 2—12698
$KAl(NH_2)_4$ 2—39643
$KAlO_2$-TiO_2; $KAlO_2$-SiO_2, X-ray diffr. obs. 2—3719
$K_{3/4}Bi_{1/4})(Zn_{1/6}Nb_{5/6})O_3$, X-ray determ. 2—4266
KCN, single crystal neutron diffraction study rel. to disorder of CN^- ions in cubic phase 2—32461

Crystal structure, atomic continued
  inorganic compounds continued
    KCN IV, at 50 kbar 2—12726
    $K_2Co(CN)_6$, four-layer orthorhombic polytype 2—29144
    $K_4Cr(CN)_5NO$, i.r. spectra obs. 2—22770
    $K_2CuCl_4.2H_2O$, morphology deduction 2—39644
    $KFeF_4$, 2-dimens. antiferromagnet 2—26067
    $KFeO_2$-TiO_2, X-ray diffr. obs. 2—3719
    KH_2PO_4 type crystal, pressure effects on lattice parameters and structure 2—32459
    $K_2MFe(NO_2)_6$, (M=Ca, Sr, Ba, Pb), Mossbauer obs. rel. to π-bonding of NO_2^- group 2—36836
    $K_2Mg(CrO_4)_2.2h_2O$ crystal structure determ. 2—6443
    $KMg_{1-x}Mn_xF_3$, lattice consts. 2—29145
    $K_2Mg(MoO_4)_2.2H_2O$ crystal structure determ. 2—6443
    $K_2Mg(WO_4)_2.2H_2O$ crystal structure determ. 2—6443
    $K_{0.85}Mo_6O_{17}$ 2—9480
    K_2PtCl_6 type structures, effect of radius ratio on distortion 2—32460
    $K_2Pt(Pd)Cl_4$, and factors affecting accuracy 2—29143
    K_2PtS_2, and prep. 2—32462
    K_2ReCl_6, irradiated, mag. susceptibility and structural modifications 2 4344
    $KTaGe_3O_9$, $K(Ta_{1-x}Nb_x)Ge_3O_9$, $KTa(Ge_{3-y}Si_y)O_9$, atomic positions 2—25334
    K_2TeI_6, X-ray study, effect of radius ratio 2—32460
    $K_7Th_6F_{31}$ 2—6436
    α-KTh_6F_{25} 2—15722
    $KTiOPO_4$, space group, X-ray exam. 2—15723
    K_3TlF_6, $K_2Tl_7F_{23}$ characterised in MF-Tlf_3 system, M=Li, Na, K 2—3737
    $K_2[Pt(C_2O_4)_2].2H_2O$, anisotropy of chem. shift of ^{195}Pt nmr signal, position of Pt units in unit cell 2—26307
    $LaBO_3$, high form 2—12727
    $La_{1-x}Ba_xMn_{1-x}M_xO_3$, M=Mn, Ti, neutron powder diffr. obs. 2—4362
    La_2O_3, α-UO_3, CaF_2, NaCl structure types, crystallographic shear relations 2—3738
    $LaP_3O_9.3H_2O$, prep. and X-ray exam. 2—15724
    $LiAlSiO_4$- $LiGaSiO_4$-$LiAlGeO_4$-$LiGaGeO_4$ system, phases 2—12728
    Li_2CdGeO_4, crystalliz. in LiO_2-CdO-GeO_2-H_2O system, X-ray obs. 2—35943
    $LiCrS_2$, and mag. struct. 2—3713
    $LiCu_2P_2$ and $Li_{1.75}Cu_{1.25}P_2$ 2—19054
    $Li_{0.5}Fe_{2.5-x}Sc_xO_4$, cell parameters, comp. depend. 2—36751
    $LiH_3(SeO_3)_2$, ferroelectric, hydrogen bonding 2—25335
    $LiIO_3$, hexagonal crystal growth 2—35938
    $Li_{0.6}Mo_6O_{17}$, $Li_2Mo_4O_{13}$, $Li_4Mo_5O_{17}$ 2—9480
    Li_4SiO_4-Li_4GeO_4 solid solution 2—9475
    $Li_xV_{2-y}Mo_y(W_y)O_5$ bronzes 2—9474
    $LiVS_2$, and mag. struct. 2—3713
    $Li_2W_2O_7$, X-ray and DTA obs. 2—1227
    MN (II) complex, $MnX_4(C_5H_5NH)_2$ 2—25338
    $Mg_2Al_4Si_5O_{18}.nH_2O$, low temperature form, ^1H and ^{27}Al n.m.r. investigations 2—30019
    $Mg_xCd_{1-x}Fe_2O_4$, comp. depend. 2—1639
    $MgCr_2O_4$, structural distortion due to siting of Cr^{3+} ion 2—6438
    $MgFe_{2-x}Ga_xO_4$ solid solution mag. props., comp. depend. 2—19866
    $MgFe_2O_4$ film, cation ordering, electron diffr. obs. 2—29146
    $Mg_{0.993}Fe_{2.007}O_4$, kinetics of cation ordering 2—15985
    $Mg_{28}Ge_{7.5}O_{38}F_{10}$, defect clusters, X-ray diffr. 2—25336
    $Mg_{0.7}Mn_{0.8}Fe_{1.6}O_4$ ferrite, square-loop, X-ray diffraction intensities ionic distribution, u-parameters 2—29147
    $Mg_wMn_xFe_ySc_zO_4$, cell parameters, comp. depend. 2—36751
    Mg_3N_2, cell parameters, space group 2—15725
    $Mg(NH_4)_2(PO_3OH)_2.4H_2O$, X-ray obs. 2—35993
    MgO wedge, structure potential determ. from dynamical interactions of electron waves in crystal 2—29118
    $MgO.Al_2O_3.xSiO_2$, high quartz phase, growth from glass, X-ray obs. 2—9477
    Mg_6Pd, space group and lattice parameters 2—3720
    $Mg_3[B_{11}O_{14}(OH)_8HO_2]$, preobazhenskite 2—19055
    $M^{II}U_2{}^{V}F_{12}.4H_2O$ (M=Co,Ni, or Cu), symmetry props. 2—33275
    Mn complex, $(CH_3CH_2CH_2NH_3)_2MnCl_4$, determ. by Weissenberg single crystal diffraction 2—22157
    $MnAl_2S_4$, pressure to 95 kb, temp. to 1000°C 2—3998
    $MnBr_2.4H_2O$, rel. to mag. props. 2—3717
    $Mn_xCd_{1-x}Fe_2O_4$, comp. depend. 2—1639
    $Mn_xFe_{3-x}O_4$ film, lattice const., electron diffr. obs. 2—19906
    $MnGa_2S_4$, pressure to 95 kb, temp. to 1000°C 2—3998
    Mn_2GeO_4, polymorphs, high-pressure, X-ray obs. 2—25337
    $MnNi_2$-$MnCu_2$, phase cpd., cryst. struct. of Friauf-Laves phase 2—35990
    MnO, dislocations, ordering, antiferromag. domain struct. 2—10250
    $Mn(OH)_2$, hydrogen atom position, cell parameters 2—36776
    $x\ Mn_3O_4+(1-x)Cu(Fe,Cr)_2O_4$, cation distrib. rel. to lattice distortion, X-ray and neutron scatt. obs. 2—22720
    Mn_2PO_4Cl, space group and lattice parameters 2—22111
    MnRhSi 2—9349
    $MnSi_{1.75-x}$, electron diffr. obs. 2—22189
    $MnSiF_6.6H_2O$, X-ray diffr. obs. 2—35981
    $Mn_2SiF_6.6H_2O$, unit cell parameters before and after phase transform. 2—25624
    Mo(II) complex, study using X-ray crystallography, determ. MoCl bond lengths 2—39647
    Mo(II) complex, X-ray determ. of structure and comparison with related compounds 2—35992
    Mo_xO_{3x-2} series, (x=19, 20, 21, 22) 2—25339
    $MoTe_2$, lattice parameters 2—25340
    $(N,Na)_{2-x}Nb_2O_{7-y}$, order-disorder transform., X-ray obs. 2—32782
    $NH_4Ag_4I_5$, single cryst., X-ray diffr. obs. 2—12698
    NH_4Br, neutron diffr. studies 2—25341
    NH_4Cl, powder sample, X-ray structure factors of first twenty reflections 2—29148
    NH_4ClO_4, low temperature X-ray measurements 2—40675
    NH_4ClO_4 single crystals, gamma radiation induced dislocations 2—6441
    $(NH_4)_2H_3IO_6$, antiferroelectric, n.m.r., obs. 2—1575
    $NH_4NH_2SO_3$ 2—22158
    NH_4NO_3, phase IV 2—3718
    NaA, hydrated synthetic zeolite, pseudosymmetric struct. refinement 2—9479
    $NaBa_3[Si_2O_7](OH)$, linear diortho group Si_2O_7, X-ray obs. 2—35995
    $NaCa_2Ni_2V_3O_{12}$, garnet, with one sub-lattice, disposition parameters of O atoms, neutron diffr. obs. 2—6445

Crystal structure, atomic continued
  inorganic compounds continued
    NaCl, α-UO_3, CaF_2, La_2O_3 structure types, crystallographic shear relations 2—3738
    $NaClO_3$, γ-irradiated, lattice const. changes, X-ray obs. 2—36013
    $NaClO_3$, phase structure obs. 2—39990
    $NaFeO_2$-TiO_2, X-ray diffr. obs. 2—3719
    Na_2GeS_3, determ. 2—39628
    $NaK_2Ca_2TiSi_7O_{19}(OH)$, tinaxite, X-ray analysis 2—1229
    $Na_{0.88}Li_{0.12}NbO_3$-Li_2O, ceramic, cryst. symm., lattice parameters, 293-783K, X-ray and thermal expansion obs. 2—32470
    $Na_2Mg(MoO_4)_2.2H_2O$, crystal structure determ. 2—6443
    $Na_2Mg(SeO_4)_2.2H_2O$ crystal structure determ 2—6443
    $Na_2Mg(WO_4)_2.2H_2O$ crystal structure determ. 2—6443
    $Na_{0.9}Mo_6O_{17}$ 2—9480
    NaN_3, least squares refinement 2—3721
    $NaNH_4CrO_4.2H_2O$, X-ray obs. 2—35993
    $Na_4(NH_4)P_5O_{15}.4H_2O$, by symbolic addition procedure 2—35994
    $NaNO_3$, disordered phase, Raman and i.r. study 2—19378
    T_2-$NaNbO_3$, at 600°C, X-ray obs. 2—39648
    NaOH, orthorhombic to monoclinic transition, obs. of diffuse X-ray scattering, change of lattice prameters 2—1400
    $Na_2O.SiO_2.6H_2O$, location of hydrogen atoms 2—6442
    $NaReO_4$, irradiated, mag. susceptibility and structure modifications 2—4344
    $Na_4Si_4S_{10}$ 2—39658
    Na_6Tl, complex cubic A_6B cpd. 2—32468
    Na_6Tl, space group and lattice parameters 2—3720
    Na_3TlF_6, $Na_5Tl_9F_6$ characterised in MF-TlF_3 system, M=Li, Na, K 2—3737
    β-$Na_xV_{2-x}Mo_xO_5$ bronzes 2—3714
    $Na_4W_{14}O_{23}$, triclinic sodium tungsten bronze 2—9481
    Na_xWO_3, sodium ordering, ^{187}Re nucl. quadrupole interaction obs. 2—33187
    Nb_6C_5, ordering, superlattice and domain struct. obs. 2—9483
    Nb_2O_5-ZrO_2 system α-PbO_2 type phases, cation deficiencies and superstructure 2—9482
    Nb_2O_5, defect struct., correl. between lattice fringes and atomic positions 2—19056
    NbRhGe 2—9349
    Nb_3Se_4 space group, lattice parameters, isostructural with Nb_3S_4 and Nb_3Te_4 2—3723
    $NdAlO_3$, trigonal, refinement from single cryst. X-ray data 2—19058
    Ni complex, $[TMPD^+]_2[Ni(mnt)_2]^{2-}$, X-ray diffraction 2—30005
    $NiAs_2$, pararammelsbergite, X-ray obs. 2—25342
    $Ni_3(BO_3)_2$, study by least squares refinement method 2—32471
    $Ni_xCd_{1-x}Fe_2O_4$, comp. depend. 2—1639
    $NiFe_{2-x}Cr_xO_4$, X-ray and Mossbauer spectral investigation 2—35996
    β-$Ni(IO_3)_2.2D_2O$, X-ray and neutron diffraction examination 2—9484
    NiO-MgO-Fe_2O_3 system, lattice const., comp. depend. 2—1414
    NiO-ZnO, lattice parameters, X-ray studies, limits of solubility 2—3962
    NiS, antiferromag. phase 2—26069
    α-Ni_7S_6, X-ray determ. 2—39649
    Ni_xWO_3, bronze, density obs. 2—32451
    $Ni_xZn_yFe_2O_4$ rel. to optical consts. 2—36816
    $PO_4{}^{3-}$, bond length data 2—6447
    P_2O_5 orthorhombic form, i.r. absorption spectra and X-ray powder diffraction 2—15729
    $POCl_3$, determ. from analysis of i.r. and Raman spectra 2—13491
    $PbAl_2Si_2O_8$-$KAlSi_3O_8$ feldspars, lattice parameters 2—9437
    PbF_2-InF_3 system, rel. to PbF_2-TF_3 system (T=Al, Ti, V, Cr, Fe, Ga, In) 2—3724
    $PbMg_{1/3}Nb_{2/3}O_3$, ferroelec. investigation 2—1572
    $PbO_{1.57}$, cell parameters, space group, superstruct.-cell, X-ray obs. 2—15728
    $Pb_3O_2Cl_2$, synthetic, cryst. parameters, space group 2—15727
    $Pb_3Si_2O_7$ 2—12731
    Pd complex, $C_{14}H_{12}N_4O_4Pd$ 2—12732
    $Pd_3(PS_4)_2$, semiconductor, from X-ray diffr. data 2—3725
    Pr_nO_{2n-2}, superstructure cell obs. using X-ray diffr. 2—9366
    $PrP_3O_9.3H_2O$, prep. and X-ray exam. 2—15724
    $Pr_2Si_2O_7$ 2—9485
    Pt complex, bis(triphenylphosphine) platinum dioxide chloroform adduct 2—29149
    $PtI_4.2H_2O$, prep. and structure 2—9356
    PuH_2, nonstoichiometric, variation of lattice parameter with H content 2—29150
    $RbAg_4I_5$, single cryst., X-ray diffr. obs. 2—12698
    $RbCsMn_2Cl_6$, space group and cell dimens. 2—22159
    Rb_2PtS_2, and prep. 2—32462
    $RbTaGe_3O_9$, $RbNbGe_3O_9$, $Rb(Ta_{1-x}Nb_x)Ge_3O_9$, $RbTa(Ge_{3-y}Si_y)O_9$, atomic points 2—25334
    $RbTiOPO_4$, space group, X-ray exam. 2—15723
    Re-Mo_2C superconducting solid solution, comp. depend. of lattice consts. 2—22498
    ReC_x, high press. synthesis, supercond. 2—19057
    $Re_{1\|x}O_3$, nonstoichiometric phase in high press. Re-O system, characterization 2—25346
    Ru complex, $[Ru(NH_3)_5.DMSO]^{2+}$ $2PF_6^-$, X-ray diffraction determ. 2—22162
    Sb_2Se_3SnS system, intermediate cpds. 2—29497
    α-SiC, epitaxial, from vapour phase 2—9370
    SiC film, reactively sputtered, 2H polytype obs. 2—32377
    SiH_4, structure and phase transition 2—33272
    SiO_2, rutile-type 2—6435
    SiP_2O_7, monoclinic AIV modification, band lengths and angles 2—9489
    $SmAlO_3$, orthorhombic, refinement from single cryst. X-ray data 2—19058
    $SmAu_6$, space group, lattice parameters 2—35997
    SmO electron diffr. obs. 2—12733
    $SnSO_4$, parameters, space group, band distances 2—32472
    $SnWO_4$, α- and β-modifications 2—3730
    Sn_xWO_3, orthorhombic bronzes, X-ray and electron diffr. 2—25347
    $SrAlF_5$ 2—9452
    $SrCl_2$ powder, X-ray struct. factors, Debye-Waller coeffs., unit cell consts., at 80 and 300 K 2—32473
    $SrFe_xMn_{1-x}O_{3-y}$, lattice parameters, oxygen deficiency determ., Fe valence states 2—9492
    $Sr_4Fe_6O_{13}$, X-ray obs. 2—39652
    $Sr(IO_3)_2.H_2O$, unit cell consts., space group 2—35998

Crystal structure, atomic continued
  inorganic compounds continued
    Sr_2IrH_5, X-ray diffr., neutron diffr., magnetic susceptibility obs. 2—3703
    $SrIrO_3$ high and low pressure forms, phase transformations temperatures to 1200°C 2—3731
    $SrIrO_3$ structure, properties, high and low pressure forms, phase transformations 2—3731
    $SrPbO_3$ unit cell, space group, from powder diffraction data 2—3732
    Sr_2RhH_5, X-ray diffr., neutron diffr., magnetic susceptibility obs. 2—3703
    Sr_2RuH_6, X-ray diffr., neutron diffr., magnetic susceptibility obs. 2—3703
    $SrVO_3$ perovskite-type metavanadate, cubic structure 2—3740
    β-$Sr_2V_2O_7$, and refinement 2—19059
    $Sr_3(XO_4)_2$, V=P, As, V, Cr, Mn, i.r. and Raman vibr. spectra, interpretation based on crystal structure 2—8586
    TIC-WC solid solution, short range order, X-ray obs. 2—9494
    Ta-C, ζ phase, precip. in TaC, electron diffr. obs. 2—3733
    Ta_2O_5-ZrO_2 system α-PbO_2 type phases, cation deficiencies and superstructure 2—9482
    Ta_2O_5 high temperature form, stabilised with doping with Sc_2O_3 2—3734
    $TaOPO_4$, tetragonal high press. modification, lattice parameters 2—22163
    Ta_2VO_6-VO_2 system, evolution of crystallographic order 2—29153
    β-$Tb_2(MoO_4)_3$, ferroelec. ferroelastic cryst. 2—3735
    Tb_2O_3, X-ray diffraction study of crystal structure near melting point 2—6451
    $TbVO_4$, crystallographic distortion at 32 K, second order transition 2—19306
    TeO_2-MO_2 system, M=Ti, Zr, Hf, Sn, V; structure of cpds. formed 2—9347
    $ThCo_{5-5x}(Ni_{5-5x})Fe$, lattice consts., hexagonal struct. 2—25348
    TiC, stoichiometric, crystallinity and lattice parameter obs. 2—22347
    $Ti_2Nb_{10}O_{29}$, high-resolution electron microscopy obs. 2—12734
    $Ti_2Nb_{10}O_{29}$ thin crystals, electron microscope image contrast technique 2—32427
    TiNi, II and III phase struct. 2—13002
    TiRh(Pd)Si 2—9349
    Ti_8Se_9, ordered struct. and epitaxy with Ti_3Se_4 2—22164
    $Ti_{1-x}V(Cr)_xS_2$, space group and lattice parameter determ. 2—9350
    Tl complex, uranyl oxalate 2—22165
    TlBr—TlI lattice constants dependence on composition of solid solutions, powder method 2—1372
    TlBr—TlI solid solution, lattice constant dependence on composition, powder method 2—1372
    TlCl—TlBr lattice constants dependence on composition of solid solutions, powder method 2—1372
    TlCl—TlBr solid solution, lattice constant dependence on composition, powder method 2—1372
    $TlGaS_2$, cell parameters 2—29498
    $Tl_3In_2Cl_9$ 2—31773
    $TlTaGe_3O_9$, $Tl(Ta_{1-x}Nb_x)$ Ge_3O_9, $TlTa(Ge_{3-y}Si_y)O_9$, atomic positions 2—25334
    $TlTiOPO_4$, space group, X-ray exam. 2—15723
    TmB_2, X-ray obs. 2—39591
    UC-UC_2, UC-UN alloys, lattice dimensions, X-ray diffr., 760-2250°C 2—19307
    α-UO_3, CaF_2, La_2O_3, NaCl, structure types, crystallographic shear relations 2—3738
    U_4O_9, superlattice struct., neutron diffr. obs. 2—32475
    $UO_2C_2O_4.3H_2O$ 2—22165
    β-US_2 semiconductor, mag. moment, X-ray obs. 2—25828
    $VC_{7/8}$, interatomic interaction study 2—6453
    V_8C_7 2—29154
    VN_xO_y, cubic, NaCl type, region of existence 2—1417
    VO, non-stoichiometric vacancy order 2—4011
    VO_2, monoclinic to tetragonal transition 2—4007
    VO_x, lattice parameters 2—32992
    $VO_{2-x}F_x$, $0<x<0.2$, X-ray diffraction studies 2—3739
    $V_2O_{5-x}F_x$, $0<x<0.025$, X-ray diffraction studies 2—3739
    W complex, tetrachloro(trichloroacetonitrile)pentachloroethylnitrido-tungsten(VI) 2—12737
    WO_3, colour, non-stoichiometry, defects, X-ray diffr. 2—25246
    WOI_2, X-ray obs. 2—25254
    WV_2O_6-VO_2 system, evolution of crystallographic order 2—29153
    $YNaO_2$, X-ray obs. 2—35987
    $(Zn,M)_5(OH)_8Cl_2.H_2O$, pseudomorphs, M=Co, Ni, Mn, Cu, Zn, Na 2—3579
    Zn complex, dichlorobis(4-methylpyridine)zinc(II, X-ray obs. 2—12738
    $Zn_5(OH)_8(NO_3)_2$ i.r. spectrum and thermal analysis 2—4460
    ZnS, polytypes, genesis and abundance 2—6454
    ZnS polytypes, disordered, probability of layer superposition 2—9498
    ZnTe, interatomic distance, effect on exchange splitting in excitons 2—29903
    α-$Zn_3(VO_4)_2$ 2—1230
    $Zn_2[AsO_4]OH.H_2O$, legrandite 2—19061
    $Zr(As,P)_2O_7$ solid solns., As and P distrib. obs. 2—9499
    $Zr_xAs_yO_z$, X-ray determ. 2—22169
    $Zr_xAs_2S(Se)$, X-ray obs. 2—22168
    ZrC-ZrO_2 system, oxycarbide phase 2—29155
    ZrMGe, M=Fe, Rh, Pd 2—9349
    ZrO_2:Er^{3+}, Y_2O_3 stabilized, oxygen ion co-ordination, absorp. spectra obs. 2—33277
    ZrO_2-Ln_2O_3, thermal analysis, X-ray obs., phase transformations 2—4008
    ZrO_2, metastable cubic phase, X-ray diffr. powder pattern 2—12739
    $ZrO_2.12Nb_2O_5$, polymorph characterization, and intergrowth obs. 2—9500
    Zr_7Pt_{10} and Zr_9Pt_{11} 2—25352
    Zr_9S_2, and other metal-rich refractory sulphides, significance of Kasper polyhedra 2—9351
  organic compounds
    $(TCNCl)_2$-3,3(DTC), rel. to exchange interaction anisotropy 2—4345
    N,N′-diethyl-pseudoisocyaninchloride 2—9506
    acetylene, acetylene-d_2, acetylene-acetylene-d_2 mixed crystals, rel. to assignments and relative intensities of Raman spectra 2—16575
    adenosine triphosphate, hydrated disodium salt, and mol. structure 2—3744
    ammonium hydrogen di- chloroacetate, paraelec. phase 2—36002
    ammonium oxalate monoperhydrate, O-O bond shortening 2—39662
    ammonium oxalate monoperhydrate 2—36003
    ammonium Rochelle salt, ferroelectric phase superstructure 2—10119
    ammonium tartrate 2—22170
    Δ−8,14-anhydrodigitoxigenine. multiorigin procedure applic. 2—25353

Crystal structure, atomic continued
  organic compounds continued
    antipyrine, 1-phenyl-2, 3-dimethyl-5-pyrazolone, anal. using physical techniques 2—9503
    5-benzene sulphonamido 3-phenyl 1-2-4 triazole determ. from X-ray photographs 2—25354
    2,2′-bis(6-methyl-3-pyridinol) 2—29157
    7-bromo-2,3-dihydro-1-methyl-5-phenyl-1,4-benzodiazepin-2-one, 1:1 complex with chloral hydrate, determ. by heavy atom method 2—9505
    bromoform, space group, cell units., order parameter, 253K 2—32479
    bromotricyanomethane, cell consts., space group 2—32478
    9-t-butyl-9,10- dihydroanthracene, modified tangent procedure 2—3745
    caesium manganese oxalate tetrahydrate, X-ray obs. 2—32482
    caesium manganese oxalate trihydrate, X-ray obs. 2—32481
    calcium hydrazinecarboxylate, anhydrous 2—9504
    carbon tribromofluoride and trichlorobromide, i.r. absorption studies 2—40683
    β-cellotetraose, cell dimensions of the cellulose II model compound 2—32486
    in chemical reactions, X-ray obs. 2—35933
    chloral hydrate, 1:1 complexes with 7-bromo-2,3-dihydro-1-methyl-5-phenyl-1,4-benzodiazepin-2-one and 7-chloro—2,3-dihydro-1-methyl-5-phenyl-1,4-benzodiazepin-2-0ne, determ. by heavy atom method 2—9505
    7-chloro-2, 3-dihydro-1-methyl-5-phenyl-1, 4-benzodiazepin-2-one, 1:1 complex with chloral hydrate, determ. by heavy atom method 2—9505
    1-chlorobenz[α]phenazine-7N-oxide 2—12740
    p- chlorophenol, α and β phases, determ. by heavy atom method 2—6458
    chlorotricyanomethane, cell consts., space group 2—32478
    cholesterol esters, polymorphic behaviour 2—25039
    chrysene, single cryst., grown from the melt 2—19009
    nor-β-cubebone, conformation of mol. in cryst., rel. to intermol. forces 2—3742
    cyclic phosphonium iodide, X-ray obs. 2—6465
    trans-cyclohexane-1,4-dicarboxylic acid, K salt, struct., bond lengths 2—36000
    trans-cyclohexane- 1,4-dicarboxylic acid, X-ray analysis 2—35999
    diaryldialkoxysulphurane 2—25355
    dibenzene chromium TCQM complex, cryst. and molecular struct. 2—19066
    dibenzyl disulphide, space group ambiguity 2—22171
    2,5-dichlorobenzenesulphonic acid trihydrate, and hydrogen bonding 2—29156
    1,2-transdichloroethane, orientational disorder and i.r. and Raman spectra calc. using intermol. potentials 2—25357
    1,1-dichloroethylene, study by i.r. and Raman spectroscopy 2—6460
    3,4-dichloronitrobenzene, n.q.r. Zeeman spectra of ^{35}Cl 2—13560
    11-dichloroquinacridone, X-ray determ. 2—6466
    N,N′-dicyclohexylurea, mol. packing determ. using pot. energy calcs. 2—6459
    1,1′-diethyl-2,2′-cyanine bromide, determination by X-ray diffraction method 2—3746
    1,1′-diethyl-4,4′-cyanine bromide, determination by X-ray diffraction method 2—3746
    difference Patterson function, phase problem soln. 2—6455
    diglycine monopicrate, X-ray determ. 2—3748
    diglycine sulphate, X-ray obs. 2—36594
    N,N-dimethyl-thiourea S-trioxide, study by heavy atom method 2—5996
    p-dimethylaminobenzaldehyde hydrobromide, x-ray determination 2—39660
    dioxyphosphorane, bicyclic 2—25361
    diphenyl, elementary cell parameters, effect on magnitude of Davydov splitting in Raman spectra 2—26183
    1,1-diphenylethylene: diphenyldiazomethane, from spectral obs. of photolysis 2—37055
    ethyl-2 thiocarbamoyl-4 pyridine 2—39659
    9-ethylguanine electric dipole transition moments 2—24533
    germanium acetate, lattice parameters and space groups 2—19063
    glycera haemoglobin, phase determination using tangent formula, and isomorphous replacement 2—3743
    α-glycine, conformation of $H_3NCH_2COO^-$ ion 2—28379
    glycocyamine hemihydrate, X-ray determ. 2—3748
    glycyl-L phenylamine chlorohydrate, monohydrate, structure obs. 2—6461
    guanine monohydrate 2—9507
    hydrated chloranilates alkali metals and ammonium, X-ray diffr. 2—19062
    8-hydroxyquinoline-N-oxide 2—9508
    insulin 2—9509
    iodo-3 hydroxy-2 naphtho-quinone-1.4, determ. 2—25358
    iodo-e naphthaquinone-1, 4, structure obs. 2—6462
    lead acetate, lattice parameters and space groups 2—19063
    lithium formate monohydrate, pyroelectric cryst. 2—3747
    methane-d_4, orientational structures rel. to phase transitions 2—25359
    molecular, conformation of mol. in cryst., rel. to intermol. forces 2—3742
    molecular cryst., disordered, diffuse X-ray scatt. obs. 2—9375
    monochlorobenzene, rigid group refinement 2—9510
    monosodium acetylide, neutron structure determ. at 293 and 5K 2—39661
    myoglobin, Patterson function, vector space search methods applic. 2—22172
    myoglobin, vibration and defect contribs. to temp. factors, Mossbauer and X-ray obs. 2—4041
    N-acetyl-methionyl-dimethylamide, crystal structure determ. 2—6457
    naphthalene, elementary cell parameters, effect on magnitude of Davydov splitting in Raman spectra 2—26183
    oxalate, bond distance and coplanarity of $C_2O_4^-$ ion 2—32484
    oxyphosphorane, four-membered cyclic ring with pentavalent phosphorous 2—25360
    palladium n-propyl mercaptide, bond lengths and angles 2—6464
    pentabromotoluene 2—9511
    pentaerythritol, hydrogen bonding, dispersion relations, from X-ray diffuse scatt. obs. 2—3749
    4-(N-phenyl piperizino)-6-methoxy quinaldine, X-ray determ. 2—3748
    piperidine hydrochloride, heavy atom technique 2—25362
    α-poly- p-xylylene, oriented 2—3481
    polyethylene, melt grown crystals, review 2—25164
    polyethylene oriented films, change in supramolecular organization during reorientation 2—28983
    polymer, X-ray characterization, state-of-the-art 2—35856
    polypropylene, β-form crystals in types III and IV isotactic spherulites, characterization of structure and organization 2—39447
    potassium copper oxalate dihydrate, X-ray study 2—32483

Crystal structure, atomic continued
organic compounds continued
potassium homophthalate, X-ray diffraction study 2—3750
potassium hydrogen meso- tartrate, H-bonding 2—36001
procaine hydrochloride 2—19064
protein, direct determ. of heavy atom positions in isomorphic substitution 2—32485
protein, semi-isomorphism test using higher moments of intensities 2—9501
protein derivatives, heavy atom parameters determin. and refinement 2—9502
proteins, contemporary developments in crystallography techniques 2—15735
pyrazolinone azomethine dyes 2—9512
pyreno-(1′,2′:1,2)-pyrene, linear least squares method 2—32480
pyrogallol, at −150°C, X-ray diffraction study 2—39663
quinacridone, γ-form, X-ray determ. 2—6466
rare earth carboxylates 2—9513
silicon acetate, lattice parameters and space groups 2—19063
stilbene, elementary cell parameters, effect on magnitude of Davydov splitting in Raman spectra 2—26183
strontium formate dihydrate 2—9514
sulphuranes 2—25355
symmetry and packing 2—35957
(+)-tartaric acid, anomalous X-ray scatt. by oxygen 2—25363
terephthalamide-nylon, isolated from dilute solutions of hexafluoro-2,2-propandiol 2—18994
tetrachloro-p-benzoquinone, refinement at 110K 2—29158
tetrachlorohydroquinone, mol. packing 2—22173
tetracyanoethylene oxide, X-ray and neutron diffraction data 2—28411
tetrazole, N...N distance calc. 2—10414
thioactamide-S-oxide, heavy atom method 2—18529
thiophene, i.r. spectra obs. 2—36004
tin (II) formate, difficulty in assigning unique unit cell to X-ray powder spectrum demonstrated 2—36005
tin acetate, lattice parameters and space groups 2—19063
p-toluidinium fluoride 2—12741
transition metal carboxylates 2—9513
trichloroacetic acid dimer, neutron diffraction study of hydrogen bond 2—36006
1,1,1-tricyanoethane, cell consts., space group 2—32478
triglycine sulphate 2—25364
trimethylene-2.1(α-phenyl α-hydroxypropyle-1 ferrocene, determ. 2—6463
triphenylmethane, X-ray determ. 2—39664
triptycene 2—12742
tris-(1,2-dimethylhydrazino)-diphosphine, X-ray obs. 2—6467
urea clathrate structure, ordering of 1,5-dichloropentane molecules 2—3751
X-ray diffr. data, least squares refinement by polarized H atom 2—6418
X-ray method, for struct. with approx. translation or rotation symmetry 2—32477
Crystal symmetry *see Crystallography; Crystal structure, atomic*
Crystallites *see Crystal structure/microstructure*
Crystallization
see also Crystals/growth; Dendrites; Nucleation
aliphatic chains, example of even fold surface with adjacent fold reentry and transition to chain extension 2—35850
aliphatic polymer chains, general chain-folding behaviour 2—32317
alkali molybdates and tungstates, vitreous and molten 2—35844
amorphous deposits 2—32314
eutectic, interfacial boundaries 2—1141
glass, catalysed crystn., nucleation 2—39592
glass, silicate, decomposition, small angle X-ray scatt. 2—3453
glass, SrO-TeO_2-V_2O_5 system, formation and properties 2—12631
glass-ceramic enamel system 2—22344
hard sphere Bose gas, phase changes, computer simulation 2—15626
linear polyethylene, fractionation during bulk crystallization under high pressure 2—19012
mass transfer problems, flow 2—25251
melt, interfacial energies of suspended particles 2—19014
metal, b.c.c., electronic structure influence 2—18974
from moving solvent, analysis 2—1206
multicomponent melts, thermal effect during crystallization of one constituent 2—1140
nylon-6,6 and nylon-6,10 copolymers with nylon-6T, melting and crystallization 2—9210
nylon-6, effect of mol. wt. on isothermal crystallization kinetics 2—3471
nylon-6, kinetics of primary isothermal crystallization, 201-213C 2—3470
permanent magnet materials characterization 2—40514
plagioclase in lunar basalts 2—26814
poly(2,6-dimethyl-1,4-phenylene oxide) in ternary mixtures with toluene and polystyrene, crystallization and melting 2—32319
poly(ethylene oxide) of low molecular weight, effect of crystallization temperature on melting transitions 2—39422
poly(tetramethylene oxide), small angle X-ray scatt. obs. 2—3469
polychloroprene recrystallization after partial melting 2—6403
polyether urethanes, props, temp. behaviour 2—3482
polyethylene, analogies between chain- folded and extended-chain crystallization 2—9369
polyethylene, confined growth crystallization 2—39445
polyethylene, high-crystallinity, prep. at low press. 2—3475
polyethylene, in bulk or from dilute soln., thermodynamic and morphological props. 2—28969
polyethylene crystals, mode review 2—25164
polymer, chain folding, spherulite growth 2—35851
polymer, without chain folding, theory 2—22057
polymer spherulites, branching mechanism 2—39443
polymers, effect of a secondary process, branching mechanism 2—39444
polyoxymethylene, epitaxial, during polymerization in aqueous soln. 2—35954
polystyrene, isotactic, strain-induced crystn. 2—3479
polyurethane, thermoplastic elastomers, crystallization behaviour 2—3472
polyvinyl chloride, annealing, 80-260°C 2—18906
salol, cryst. growth from the melt, constant max. crystalliz. rate 2—19010
salol, crystal growth from the melt, constant max. crystalliz. rate 2—19011
salund ceramics from borosilicate glasses, prep., crystallinity, thermal parameters 2—15935
soda-baria-silica system 2—3457
styrene monomer, fluorescence spectra dependence on rate of cooling 2—12569
Crystallization continued
tellurite-based glasses, effect of added oxides 2—27619
thermal cycling of heterogeneous system, cuases of accelerated diffusion 2—35828
u.s. field effect 2—32404
Ag, electrocrystallization from $AgNO_3$ melt, morphology of growth of (100) and (111) faces 2—1202
Ag thread-like crystals, formation in physical development 2—27676
AgBr microcrystalline emulsion, deep latent image formation mechanism 2—26358
Al, solidification by continuous casting, feathery grain formation 2—6644
AlMg alloy, migrating plane phase interface, conc. distrib. 2—18877
AlMg alloy, zcne melting, interface vel. 2—18882
As_2Se_3 glass, rate control by impurity addition 2—28974
Au, single crystal growth on W field emitter 2—9271
$BaSO_4$, disorder and ageing during crystn. 2—36292
$CaCO_3$, for soln., calcite seeding effects, kinetics 2—22105
$CaCo_3$, absorpt. spectrum, effect of electrolysis and cryst. conditions 2—33255
$CaSO_4.2H_2O$, from aq. soln. at 30°C, nucleation, growth rates, dilatometric obs. 2—12697
CdTe, effect of Cd vapour pressure rel. to γ-ray spectrometer material props. 2—34809
Cr, electrocrystallization from molten salts, factors affecting mechanism and orientation 2—3584
Cr_xM_{1-x}—M_x—$Cr_{1-x}C_3$, (M=Fe, Co, Ni), eutectic, directional solidification, feathered morphology 2—3441
Cu-Mn, Cu-Ni alloys, solidification, sudden rate changes, initial transient and solute-distrib. profiles 2—28938
Cu-Mn, Cu-Ni alloys, solidification, rate effects on comp. at liquid-solid interface 2—28937
Cu-Mn, Cu-Ni alloys, solidification, chem. comp., constitutional diag., diffusion constant 2—28936
Cu basic carbonates, study of amorphous-crystalline transformation involving nucleation and crystal proliferation kinetics 2—29103
Fe-Cr_7C_3 eutectic, oriented crystallization, struct., strength 2—3436
$FeCl_2$ frozen aqueous soln., obs. of unusual phenomena by D.T.A. of melting process 2—35824
$Gd_2Si_2O_7$, from molten solution in Bi_2O_3 2—1208
Ge film, amorphous, electron irrad. effects 2—40286
Ge film, r.f. sputtered, explosive crystallization by transient energy pulse 2—25202
InI_3, impurity distrib., evaluation of purification by directional crystn. 2—29100
K_2CO_3-SiO_2 glass system, i.r. and X-ray spectra study 2—28973
La_2O_3-GeO_2 system, X-ray and optical obs. 2—1209
Li-Na-Si glass, spontaneous deformation phenomena 2—12629
Li_2O-Al_2O_3-SiO_2 glass, metastable phase separation and crystn. 2—25161
LiO_2-CdO-GeO_2-H_2O system, germanate crystalliz., hydrothermal cond. 2—35943
Li_2O-SiO_2-P_2O_5 glass, electron microscopy 2—6291
Li_2O-SiO_2 glass-ceramic, elastic moduli, fracture strength, thermal expansion 2—36140
$Li_2O.P_2O_5.SiO_2$ glass, of lithium disilicate, electron microscope obs. 2—39440
MgO-Al_2O_3-SiO_2 system, cordierite glass, D.T.A., i.r. reflectance spectra 2—1155
NH_4Br, crystn. habit in presence of wolframate, distrib. coeff. 2—25265
$Na_2B_4O_7$, mechanism from melt, linear rate 2—1213
$Pd_{81.8}Si_{18.2}$, amorphous, recrystallization, isothermal resistance obs. 2—15972
RbD_2PO_4, from RbDP in heavy water soln. 2—1210
Sb film, kinetics 2—29038
Se:I, In, rel. to impurity influence on props. of the melt. 2—3406
Se, amorphous 2—39434
Se, caused by methylene chloride or toluene, photoelectric properties 2—28992
Se, extended chain crystal formation mechanism 2—35952
Se, from amorphous phase, dislocation form. and motion 2—32525
Ta_2O_5-GeO_2 system, X-ray and optical obs. 2—1412
$Te_{81}Ge_{15}Sb_2S_2$, amorphous film, light induced memory 2—19653
Y_2O_3-Fe_2O_3-50PbO.40PbF_2.10B_2O_3 system, optimum comp. for ferrite and garnet crystn. 2—36291
Crystallography
seealsoElectrondiffractioncrystallography;Isomorphism;Metallography; Neutron diffraction crystallography; X-ray crystallography
analytic approximations to form factors 2—3595
book, introductory text 2—39596
Bravais lattice planes, Gruber's algorithm applic. 2—22125
colour symmetry, book 2—29107
conference, Ames, USA, Aug. (1971) 2—3591
conference, Bombay, India, Feb. 1972 2—22090
conference, Karlsruhe, Germany, Sept. 1971 2—25279
coordination sphere limits 2—9380
cosine seminvariant formulas 2—3599
crystal density geometrical basis, 3-dimens. 3-connected nets, struct., topology 2—32409
derivative lattices, determ., transform. matrices 2—32408
form simulation in external asymmetry problems 2—9352
grid points, rotational, optimal spacing 2—3601
higher dimensional, algebraic formulations 2—1217
higher dimensional, computation procedures in R_4 2—3602
higher dimensional, results of computations in R_4 2—3603
interfaces, coincidence site lattice 2—9241
laws of anatomy for real cryst. 2—9376
light-figure microscope 2—29132
monoclinic system, Fedorov group, principal system-vector system separation, multiple peak method 2—32412
nonvariant cubic structure types 2—12701
nuclear physical methods 2—39599
orhographic projection of crystal structure onto lattice planes, matrix method 2—3593
p-coloured groups, 3-dimens., derivation using 4-dimens. space symmetry groups 2—3594
Patterson vectors of lattice complexes 2—9381
phase determination, direct method 2—25321
phase expansion limits in direct methods 2—32433
point groups, generators and integrity bases 2—32411

Crystallography continued
powder diffraction profile moments in kinematic tangent-plane approx. 2—3612
proton backscattering, angular width of blocking, atomic struct. determ. 2—25705
quadrupolar arrangements, symmetry 2—25991
rotation function, optimal sampling 2—39625
scanning electron microscopy application 2—6295
single crystal diffractometer meas., dispersion analysis 2—1222
single-crystal diffractometer meas., dispersion analysis 2—1221
sphere packing, effective domain, degrees of freedom 2—32407
structure analysis, translation functions and direct methods 2—32434
supergroup tables and subgroup represent., method of ascent in symmetry 2—22119
symmetry, allowed operations and meas. sensitivity effects 2—3566
symmetry, diffr. enhancement 2—32410
symmetry and packing in org. crysts. 2—35957
symmetry changes due to meas. sensitivity changes 2—9325
terminology, basic definitions 2—32406
twinned crysts., twins with superimposed reciprocal lattices, twinning parameter estimation 2—35962
Al, form factor, pseudopot. calc. 2—40120
AuCd, alloys, β-β'' martensitic transform., Bain strain obs. 2—6633

Crystals
see also Lattice energy; Liquid crystals
acentric, microwave nonlinear interaction 2—23556
dielectric, response functions in Raman scattering by vibrational and polariton modes 2—16508
e.s.r. spectra obs. under hydrostatic pressure, spectrometer modification 2—27370
ice, hardness anisotropy 2—9717
low energy ion scattering cross sections 2—34364
plastic, rot. transitions, obs. and theory 2—15977
electron states *see Crystal electron states*
etching
brass, development of improved etchants, electrochemical techniques 2—18920
α-brass, meas. of deformation by electrolytic sodium thiosulphate etch, detect. sensitivity 2—12852
colour, and microprobe analysis, combined metallographic technique 2—36227
colour etching of polished surface, defect obs. 2—32497
composite, W/Cu, etch pit study of dislocation distrib. 2—15946
cyclotrimethylene trinitramine, etch pits correl. with dislocations, X-ray obs. 2—3783
ion etch rate det. using Auger electron spectroscopy 2—29019
ion etching, analysis of specimens 2—6398
metallography techniques 2—25562
semiconductor epitaxial structures impurity concentration estimation, spectral analysis after chemical laminar etching 2—29194
steel, low C, rel. to Al_2O_3 inclusion shape determ. 2—29432
steel, quenching and tempering, austenitic grain boundaries 2—6397
tetrahedron form, etching pit, X-ray topograms, image calc. 2—32436
Ag, dislocation etchant characts. 2—9556
Ag orientation of etch pits on (100) and (111) surfaces 2—3567
Al, 99.5%, coarse grained cast, anodic etching for optical obs. of orientation 2—19264
Al_2O_3, in H_2 atmosphere, thermal etch figure 2—28997
Al_2O_3, sapphire, chemical polishing and etch pitting 2—9244
Al_2O_3, sapphire, chemical polishing 2—1201
$CaCO_3$, synthetic, cleavage and dislocation obs. 2—25249
CaF_2 doped single cryst., of dislocations, kinetics 2—29181
Cd film, recrystallization, electron microscopy 2—18934
CdS, etched {00.1} faces, elec. microscope and diffr. obs. 2—9247
CdSe, morphology of thermally etched basal surfaces 2—12645
CdSe, single cryst., photocond., effects of HNO_3 etching 2—16312
Cr film, comp. and thickness 2—1171
Cr film, sputtered, composition variation with thickness, chem. etch rate obs. 2—39502
Cu, dislocation arrangements resulting from Zn diffusion 2—25404
Cu, ion bombardment, surface relief, scanning electron microscopy 2—18921
GaAs, cryst. vapour growth, gas etching method 2—12695
GaAs, dissolution kinetics in HNO_3/NaClO and HF/CrO_3 2—39460
GaAs, etching fluids, review 2—32339
GaAs, rate-controlling process, review 2—32338
GaAs optical polishing, effect of etchants in the polishing suspension 2—6313
n-GaP, chem. polishing by etching soln. 2—32340
Ge, in HF-H_2O_2-H_2O solns., kinetics 2—29084
Ge vacuum decoration, microtopography and physical properties of (111) face 2—12639
$Hg_xCd_{1-x}Te$, dislocation study 2—9558
InAs, optical polishing, effect of etchants in the polishing suspension 2—6313
InSb, optical polishing, effect of etchants in the polishing suspension 2—6313
$MgAl_2O_4$, and crazing, deterioration, in H_2 2—3497
$MgAl_2O_4$, spinel, chemical polishing 2—1201
$MgAl_2O_4$, surface struct. study 2—15691
MoS_2 surface, etch pits struct. and growth 2—32341
NaCl, impurity-enhanced dissolution studies 2—32398
NaCl, role and nature of inhibiting ion, etch pit morphology inhibition kinetics at dislocation sites 2—3568
NaF, impurity-sensitive etchant 2—25433
Ni, electropolishing, heat cycling, substruction disorientation, x-ray exam. 2—12778
Ru, surface, prep. for optical metallography 2—12650
Sb, and Sb-Bi alloys, grown by zone melting, dislocation obs. 2—39589
Se film, recrystallization, electron microscopy 2—18934
Si-Ge alloys, helical surface, etch pit obs. of impurity segregation 2—6331
n-Si, anodic dissolution, etch channel form. 2—40830
Si, crystallographic defects detection 2—1241
Si, Czochralski growth, crystn. front and impurity zone study 2—9368
Si, dislocation free, float zone crystal, microdefects 2—3569
Si, etching, struct. 2—39572
Si, surface characterization by ellipsometry 2—25187
Si surface barrier detector, correlation between etch pit density and performance 2—14761
α-SiC, etch hillocks on carbon faces 2—29005

Crystals continued
etching continued
SiC, polar surface identification, in alkaline soln. 2—18923
SiC, whiskers, ribbon-like, tensile strength, surface defects 2—12673
α-SiC in molten KOH or NaOH, melt temp. effects 2—35874
$SrSO_4$, dislocation distrib. around indentation 2—3782
Ti-Al-V alloy, O_2 effect, metallography 2—32735
Ti alloy, grain surface and grain boundary etching, electron microscope obs. 2—32399
UO_2, in H_2 atmosphere, thermal etch figure 2—28997
W, dislocation pits, light figures 2—12765
ZnO, ribbon cryst., orientation, whisker growth obs., X-ray etching obs. 2—12693
excitons *see Crystal electron states/excitons*
faces
see also Cleavage
cubic materials with induced anisotropies, crystallographic considerations for bubble devices 2—36734
structural patterns, rel. to cryst. growth 2—39573
Al_2O_3, corundum, passive faces and imperfection surfaces during growth 2—18970
$Ba_2Na_{1-x}Li_xNb_5O_{15}$, etch figs. on (001) c-axis and (100) a-axis surfaces 2—29097
CdS, etched {00.1} faces, elec. microscope and diffr. obs. 2—9247
CdS, pin-like whisker, head, growth mechanism 2—25216
α-Fe_2O_3, reduction to magnetite, kinetics, rel. to natural faces 2—16681
GaP, symmetry shown by alloyed contact shapes 2—29082
Ge vacuum decoration, microtopography and physical properties of (111) face 2—12639
α-SiC, etch hillocks on carbon faces 2—29005
SiO_2, artificial quartz, passive faces and imperfection surfaces during growth 2—18970
growth
seealsoCrystalmorphology;Crystallization;Epitaxy;Zone melting and refining
accelerated crucible rot. technique, hydrodynamics and stirring effect 2—25250
aliphatic polyesters, epitaxial growth on uniaxially oriented polyethylene, polypropylene, polycaprolactam and polyoxymethylene 2—29106
aliphatic polyesters, epitaxial growth on uniaxially oriented polyethylene 2—29105
alkaline earth tungstates, flux growth forms 2—1212
Balzers VSG-02 vacuum furnace, adaptation for prep. of single crystals 2—7631
book 2—18892
Bridgman method, from aqueous soln. 2—22106
calcium tartrate, in gels, effect of Fe^{3+} contamination 2—15685
chemical vapour deposition, techniques rel. to applics. 2—32349
chrysene, from melt, prep. and characterization 2—19009
cold metal crucible system for synthesis, zone refining and Czochralski growth 2—25267
computer simulation model for growth with surface diffusion 2—32400
rel. to crystal face structural patterns 2—39573
crystal-melt interface, free energy from radial distrib. func. 2—18997
cyclohexanol, dendritic growth from stagnant or flowing liquid 2—3582
cyclohexanol, from the melt, growth rate anisotropy 2—1214
Czochralski method, crystn. front, effects of heat exchange 2—9362
Czochralski method, review 2—9360
diamond, artificial, growth kinetics and form rel. to press. and temp. 2—35953
diamond, carbonado-type, synthesis 2—18977
diamond, from molten catalyst metal 2—22108
diamond synthesis, nuclei generation, liquid metal catalysis 2—19001
4,4′- dichlorodiphenylamine, from vapour 2—3577
4,11-dichloroquinone, vacuum sublimation 2—6466
N,N′- diphenyl-p-phenylenediamine, from vapour 2—3577
effectiveness factors concept rel. to quantitative meas. of degree of diffusion or surface integration 2—1205
electrolyte crystal, from aqueous soln., interfacial tension detn. from nucleation data 2—18988
facet growth, under rotation, oscill. in solidification rate 2—18998
ferrite, domain struct., magnetization processes 2—13391
ferroelectric, perovskite type, synthesis, review 2—25925
ferroelectric, top-seeded soln. growth from nonstoichiometric melt 2—12696
film, thin, uniform, evaporation process, electron beam sources characteristics 2—1167
flame fusion furnace 2—25262
floating liquid zones in simulated zero gravity, shape stability 2—15688
flux growth, stable growth rates and temp. programming 2—25260
from fluxed melts, growth mechanisms, origin of defects, flux inclusions 2—12699
garnet, for bubble domain device, from supercooled melt 2—6401
garnet, growth induced noncubic anisotropy 2—10285
garnet substrates for bubble devices 2—35875
gas compressor design 2—25252
gel nucleation mechanism 2—18999
germanate, laser host cryst., top-seeded soln. growth 2—12696
graphite, pyrolytic, scroll-like crysts. 2—22150
group II-VI compounds, from gel 2—18989
group III-V compound semiconductors, review of vapour-phase growth method 2—3573
habit development, three-dimens. theory 2—35934
high order growth twins in diamond-type crystals, orientation calc. 2—3570
high temp. solns., role of diffusion, convection stirring 2—3581
hybrid gel technique 2—25269
ice, from vapour phase, linear growth rates 2—18982
ice crystals growing from melt, instability of smooth- planar solid-liquid interface morphology 2—3580
ice single crystals grown from HCl solutions, partitioning of HCl 2—25143
impure solution, growth rate model 2—29086
impurity segregation coeff., compensation effect from resist. meas. 2—32548
interfacial temperature gradient, influence of cryst. dimens. 2—29085
liquid phase epitaxy, a new method for terminating growth 2—25277
mass transfer problems, flow 2—25251
from melt, controlled profile crysts., Stepanov's method 2—39586
from melt, periodic cryst. rot. reversal effects 2—15689

- **Crystals** continued
  - **growth** continued
    - melt, vacancy condensation and dislocation form. 2—9534
    - melt crystallization, interfacial energies of suspended particles 2—19014
    - melt growth apparatus, design and fabrication 2—1207
    - metallic single cryst., suppression of striations 2—25268
    - from moving solvent, analysis 2—1206
    - m-nitroaniline, electrooptic quality, growth from melt and by sublimation 2—16427
    - nucleation, classical heterogeneous theory 2—19013
    - nucleation, two dimensional, on structureless substrate 2—39575
    - nucleation kinetics, review 2—39592
    - oxide and related phases prep. by chem. transport 2—10622
    - physical metallurgy, tools and techniques, book 2—25560
    - in polarity determination using phase contrast microscopy and two beam interferometry 2—18923
    - polycaprolactam, epitaxial growth on uniaxially oriented polyethylene, polypropylene, polycaprolactam and polyoxymethylene 2—29106
    - polycrystalline aggregate effect of speed of crystal growth on densification 2—6399
    - polydecamethylene 1,16-hexadecanedicarboxylate, morphological habit rel. to chemical structure 2—22109
    - polyethylene sebacate, morphological habit rel. to chemical structure 2—22109
    - polyhexamethylene sebacate, morphological habit rel. to chemical structure 2—22109
    - polymer, without chain folding, theory 2—22057
    - pressure pulling, mass and heat transfer calc. 2—18972
    - quinacridone, γ-form, vacuum sublimation 2—6466
    - rare earth gallium garnet, for appl. as substrates, Czochralski method 2—29099
    - rare earth gallium garnets, Czochralski technique 2—19003
    - rare earth hexaborides, single crystal, vapour liquid solid growth mechanism 2—1204
    - rare earth monochalcogenides, synthesis and melt-growth 2—9367
    - rare earth orthoferrite, floating zone method 2—32403
    - reactive evaporation in ionized gases, production of SiO_2, SiO_xN_y and TiO_2 films 2—3505
    - refractory compounds, review 2—39576
    - refractory metal films, high vacuum specimen chamber 2—23205
    - refractory metals, cold metal crucible system 2—25267
    - refractory oxides, floating zone method 2—29098
    - ruby, for use in lasers, modified Verneuil process 2—18973
    - ruby, Verneuil growth and characterization 2—25262
    - salol, from the melt, constant max. crystalliz. rate 2—19010
    - salol, from the melt, constant max. crystalliz. rate 2—19011
    - scandium oxide, nonstoichiometric, plasma synthesis 2—9344
    - seeding, growth process for crystallization operation 2—29102
    - semiconductor, automatically controlled, with aid of digital computer, patent 2—18995
    - semiconductor, cold metal crucible system 2—25267
    - semiconductor, doped, compensated, programmed growth rate 2—3572
    - semiconductor, doped, uniform distrib., growth rate program 2—1211
    - semiconductor, III-V, from vapour phase, equilib. press. 2—3574
    - semiconductor, role of dynamic props. of dislocations 2—6400
    - semiconductor InSb, melt growth apparatus 2—1207
    - silica film, chemical vapour deposition 2—1185
    - silicate layers, diffusion controlled growth, multiphase reaction product 2—25258
    - small single crystal spheres, suitable for X-ray studies 2—22100
    - solution growth optimization 2—1207
    - spiral mechanism, impurity distrib. calc. 2—39574
    - sulphospinels, AB_2S_4-type, synthesis, high pressure phenomena 2—9342
    - techniques and alloy preparation 2—25270
    - terephthalamide-nylon, isolation of single crystals from dilute solutions of hexafluoro-2,2-propandiol 2—18994
    - travelling heater method, general considerations 2—35942
    - triglycine sulphate, from slightly supersaturated solns. 2—18993
    - tungsten oxide bronze single cryst. prod. by potentiostatic deposition 2—19007
    - V_2O_3, flux growth by reduction of V_2O_5 in graphite crucible 2—19006
    - Ag, dendritic cryst., electrolysis of $AgNO_3$ soln., rel. to current fluctuation 2—9295
    - Ag, electrolytic growth, effect of twin defects 2—25261
    - Ag acicular crystals, electrocrystallization, dislocation mechanism 2—25215
    - Ag_3AsS_3, for electrooptic modulators, travelling heater method 2—35936
    - AgBr dispersion in polyvinyl alcohol, influence of mechanical agitation on growth and crystal habit 2—27666
    - $AgGaS_2$, by slow cooling of stoichiometric melts 2—9364
    - $Ag_2H_3IO_6$, gel growth technique 2—22101
    - $Ag_2H_3IO_6$ by hybrid gel technique 2—25269
    - Ag_2S, sublimation technique 2—1203
    - Ag_2Se, sublimation technique 2—1203
    - Ag_2Te, sublimation technique 2—1203
    - Al-Zn, alloy, growth rate of lamellar eutectoid decomp. 2—12964
    - Al, random orientation, by strain- anneal method 2—22102
    - Al, striation formation, initial temp. and crucible material depend. 2—3586
    - $Al_xIn_{1-x}P$, thermodynamic props. of In-Al-P system appl. to manufacture 2—6788
    - Al_2O_3, corundum, passive faces and imperfection surfaces 2—18970
    - Al_2O_3, corundum, production by Czochraslki and Verneuil method, absorption spectra 2—29908
    - Al_2O_3, gradient furnace method 2—18975
    - Al_2O_3 ceramic, from vapour 2—36250
    - $Al(OH)_3$, from seeded caustic aluminate soln., electron microscope obs. 2—18990
    - Ar h.c.p. single cryst. doped with 2% O_2 2—18976
    - As, from Th soln., travelling heater method 2—22107
    - α-As, vapour growth 2—22104
    - Au on NaCl, high-resolution shadow casting obs. 2—39495
    - Au on W, single cryst. growth, effect on emission props. of substrate 2—9271
    - BAs, by chem. transport 2—15686
    - BP, refractory semicond., directional freezing from B-Ni-P soln. 2—9358
    - $Ba_2Na_{1-x}Li_xNb_5O_{15}$, and ferroelectric properties 2—29097
    - $BaSO_4$, single crystal growth by flux evaporation method, effect of cooling rate on morphology 2—3571
    - $Ba_xSr_{1-x}Nb_2O_6$ solid solution, stability regions 2—25271
    - $BaWO_4$ flux growth forms 2—1212

- **Crystals** continued
  - **growth** continued
    - BeTe, synthesis and properties 2—20027
    - Bi-Pb_2Bi, eutectic alloy, cellular growth via unidirectional solidification 2—3440
    - Bi, from melt, optical obs. method 2—39590
    - Bi, kinetics and form in Bi-Sn alloys 2—3583
    - Bi film, evaporated, cross-sectional struct., rel. to evaporating conditions, electron microscope obs. 2—29029
    - $BiFe_{1.35}Al_{1.65}(BO_3)_4$ huntite, bismuth containing Bi_2O_3/B_2O_3 flux 2—3697
    - $Bi_4Ge_3O_{12}$:Nd, Er, Czochralski synthesis and properties 2—32405
    - $Bi_4Ge_3O_{12}$, Czochralski method 2—19000
    - $(BiNa)_{1/2}TiO_3$, ferroelectric, by flux method 2—29088
    - $Bi_4Si_3O_{12}$, eulytine, Czochralski method 2—19000
    - CaB_6, single crystal, vapour liquid solid growth mechanism 2—1204
    - $CaCO_3$, calcite, at low temps. and low press. 2—35935
    - $CaCO_3$, for soln., calcite seeding effects, kinetics 2—22105
    - $CaCO_3$, simultaneous growth of vaterite and calcite in gels 2—15684
    - CaF_2, from melt, grown in form of optical components 2—39587
    - $Ca_{10}(PO_4)_6(OH)_2$ single crystals, from the melt 2—15690
    - $CaSO_4.2H_2O$, from aq. soln. at 30°C, growth rate rel. to cryst. surface area and supersaturation 2—12697
    - $CaWO_4$, flux growth forms 2—1212
    - Cd, single cryst. tubes, from the melt, Bridgman method 2—6402
    - Cd_3As_2, from vapour elec. props. 2—40274
    - $CdGeO_4$, $CdGe_2O_5$, crystalliz. in LiO_2-CdO-GeO_2-H_2O system 2—35943
    - $CdGeP_2$, single cryst., from pure melt, off-stoichiometric comps., chem. transport, techniques 2—9795
    - $Cd_xHg_{1-x}Te$, rel. to optical and elec. props. and 10μ band detectors 2—39577
    - CdS, elec. props. rel. to growth conditions 2—19636
    - CdS, from vapour phase, equilib. press. 2—3574
    - CdSe, sublimation mechanism, from surface morphology study 2—12645
    - CdTe, Czochralski liquid encapsulation technique, problems 2—35951
    - CdTe, effect of Cd vapour pressure rel. to γ-ray spectrometer material props. 2—34809
    - CdTe, for i.r. modulator, modified Bridgman method 2—29089
    - CdTe, modified Bridgman technique 2—9363
    - CdTe, purification by vertical zone melting after synthesis in Bridgman furnace 2—35950
    - CdTe, purification of Cd and Te 2—35948
    - CdTe, semi-insulating, modified Bridgman method 2—35949
    - CdTe, stoichiometry rel. to conc. and type of electrically active defect 2—36536
    - CdTe, travelling heater method, rel. to nuclear radiation detection mat. prod. 2—35944
    - CdTe, vapour-phase chem. transport technique using I and H 2—35939
    - CdTe, vapour transport 2—18980
    - CdTe single cryst., rel. to metallurgical and electronic props. 2—36500
    - Cd_2TiWO_7, struct. and dielec. props. 2—39638
    - $Ce_2Mg_3(NO_2)_{12}.24H_2O$, large single, flawless high purity orientated cylinders, apparatus and technique 2—35945
    - $CeO_2.TeO_3.4.5H_2O$, synthesis method 2—29079
    - $Ce_2O_3.2TeO_3.10H_2O$, synthesis method 2—29079
    - Co-Fe alloys, suppression of striations 2—25268
    - $Co_3IB_7O_{13}$, chem. transport, technological parameters effect on ceramic chem. struct. 2—15936
    - Cr, dependence of mechanism on various factors in electrorefining processes 2—3584
    - $Cr_{8/9}M_{16/9}\square_{1/3}S_4$, M=Al, In, metal-deficient sulphospinels, single crystals, mixed crystals 2—3565
    - CrO_2, high pressure synthesis and bond lengths 2—25253
    - Cu, suppression of striations 2—25268
    - Cu, zone melting, striational boundaries formation 2—39694
    - Cu single crystal electrodeposits, growth and structure, electron diffraction study 2—29015
    - CuBr, from vapour phase 2—39581
    - $CuFeS_2$, modified Bridgman technique 2—25272
    - $CuFeS_2$, single cryst. prep. by Bridgman technique 2—9334
    - $CuGa(In)S_2$, by slow cooling of stoichiometric melts 2—9364
    - $Cu_5GdSe_4(Te_4)$, prep. and chemical stability 2—29080
    - CuP_2, chemical vapour deposition 2—29094
    - CuSe, alloy prod., struct. determ. by electron microscopy 2—29139
    - Cu_5YbS_4, prep. and chemical stability 2—29080
    - $Dy_3Ga_5O_{12}$ and $Dy_3Ga_5O_{12}$-$Ln_3Ga_5O_{12}$ solid soln., Czochralski technique 2—19003
    - DyOOH, hydrothermal prep. and mag. props. 2—19926
    - ErB_2, from flux 2—39591
    - ErOOH, hydrothermal prep. and mag. props. 2—19926
    - Eu_3SiO_5, synthesis 2—40471
    - Ga, from melt, optical obs. method 2—39590
    - $Ga_{1-x}Al_xAs$, solution growth technique 2—18939
    - GaAs, coiled crystals, open tube chloride method 2—18981
    - GaAs, Czochralski method, temperature field and thermal stress field effects on disloc. struct. form. 2—32520
    - GaAs, epitaxial layers for Gunn devices, vapour, liquid phase methods, growth conditions, mechanisms 2—32401
    - GaAs, gas etching method 2—12695
    - GaAs, in Ga soln., computer simulations of liq. phase epitaxy 2—3531
    - GaAs, liquid phase epitaxy, growth, doping and properties 2—29104
    - GaAs, solution growth 2—1207
    - GaAs, vapour phase epitaxy, Si contamination, electron probe microanalysis obs. 2—39594
    - GaAs epitaxial layer, single crystal, stacking fault-free 2—3533
    - GaAs on GaAs substrate at const. temp. 2—39588
    - GaAs surface contamination, organic solvents 2—32367
    - $GaAs_{1-x}P_x$, from melt 2—12700
    - $Ga_xIn_{1-x}P$, alloy, from solution 2—3578
    - $Ga_xIn_{1-x}P$, heteroepitaxial growth, PCl_3 reaction 2—19015
    - $Ga_xIn_{1-x}Sb$, zone leveling and liquid phase epitaxy, elec. props. 2—19002
    - GaN, epitaxial, gas phase reaction, rel. to luminescent elements 2—39595
    - β-Ga_2O_3, floating zone method 2—29098
    - GaP:Zn,O, from nonstoichiometric melt, red photoluminesc. 2—7098
    - GaP, high purity, for luminescent applications 2—12694
    - GaP whiskers, thermal evaporation in vacuum 2—9294
    - n-GaS, epitaxial on p-GaS, vapour phase chemical transport 2—3590
    - p-GaSb, by temp.-gradient transport method, carrier conc. reduction 2—25273
    - GaSb epitaxial layers on same substrate by liquid phase crystallisation 2—3529

Crystals continued
  growth continued
    $Gd_3Al_5O_{12}$, from the melt 2—22110
    $Gd_3Ga_5O_{12}$, inclusion free, for appl. as substrates. Czochralski method 2—29099
    $Gd_3Ga_5O_{12}$ and $G_3Ga_5O_{12}$-$Ln_3Ga_5O_{12}$ solid soln., Czochralski technique 2—19003
    GdO, and struct., electron microscope obs. 2—9473
    Ge:Ga, P, compensated, programmed growth rate 2—3572
    Ge:Hg, gas transport method 2—29095
    Ge:p, As, uniform distrib., growth rate program 2—1211
    Ge, role of dynamic props. of dislocations 2—6400
    Ge whiskers, vapour-liquid-solid method 2—39538
    HCl, HBr, orthorhombic, growth method effects in Raman spectra 2—29930
    HIO_3, and nonlinear optical polarization and phase matching conditions 2—26101
    HIO_3, nonlinear optical, growth method and applications 2—29090
    $Hg_{1-x}Cd_xTe$, epitaxial, for i.r. detectors, review 2—17412
    $Hg_{1-x}Cd_xTe$, homogeneous crysts., Bridgman method, comp. distrib. rel. to growth interface 2—25275
    HgS, for electrooptic modulators, travelling heater method 2—35936
    HgS, from soln., technique and apparatus 2—15687
    HgS, from vapour phase, equilib. press. 2—3574
    HoOOH, hydrothermal prep. and mag. props. 2—19926
    $In_xGa_{1-x}As$, epitaxial, soln. growth technique 2—1216
    $In_xGa_{1-x}As$, liquid epitaxy, phase diagram, and band struct. 2—19004
    $In_{1-x}Ga_xP$, mixed, homogeneous reproducible preparation 2—9359
    In_2O_3 single cryst., by chem. transport reaction 2—25255
    InSb, melt growth apparatus 2—1207
    $InSb_{1-x}Bi_x$ single cryst., by Czochralski method 2—25263
    InSe, pressure and temp. induced phase prep. 2—22156
    KAg_4I_5, crystallization from hydroiodic acid 2—12698
    KH_2PO_4, growth rate, rel. to degree of supercooling 2—35946
    $KMg_{1-x}Mn_xF_3$, growth parameters, lattice consts. 2—29145
    $KNbO_3$, by modified Kyropoulos technique 2—18978
    $KTa_xNb_{1-x}O_3$ solid solns., seeded growth 2—25264
    $LaAlO_3$:^{17}O, flux growth 2—18984
    $LiAlSiO_4$, β-eucryptite, optical props. 2—9365
    Li_2CdGeO_4, crystalliz. in LiO_2-CdO-GeO_2-H_2O system 2—35943
    α-$LiIO_3$, effect of growth conditions on optical inhomogeneity 2—22724
    $LiIO_3$, hexagonal, evaporation method 2—35938
    $LiNbO_3$ light modulator, optical damage free 2—34428
    Mg, of high-purity single crysts. 2—39582
    Mg, vapour growth, crystal morphology, scanning elec. microscope obs. 2—18983
    $MgAl_2O_4$ single crystals, flux method 2—15691
    MgO:^{17}O, flux growth 2—18984
    $Mg(OH)_2$, brucite, solid state reaction, high temp. and press. 2—1215
    $MgO.Al_2O_3.xSiO_2$, high quartz phase, from glass, X-ray obs. 2—9477
    MgS, from vapour phase, equilib. press. 2—3574
    $MgSO_4.7H_2O$, effects of diffusion, surface growth resistance and particle solubility 2—35947
    Mn-$ZnSiO_4$, hydrothermal synthesis from Na_2N-ZnO-SiO_2 system 2—29087
    MnAs, horiz. zone melting method 2—19005
    $Mn(OH)_2$, hydrothermal prep. 2—36776
    Mn_2PO_4Cl, from $MnCl_2$flux 2—22111
    $NH_4Ag_4I_5$, crystallization from hydroiodic acid 2—12698
    NH_4Br:Pb(Sn,Cu,In), phosphor, from gas phase 2—1710
    NH_4Br, crystn. habit in presence of wolframate, distrib. coeff. 2—25265
    $(NH_4)_2C_2O_4$ from aqueous solutions. dependence of growth velocity on supersaturation, temperature and viscosity 2—35941
    NH_4Cl:Pb(Sn,Cu,In), phosphor, from gas phase 2—1710
    NH_4I, from soln., on mica, substrate effects 2—35937
    $Na_2B_4O_7$, mechanism of crystallisation from melt 2—1213
    NaCl, habit, phenol effect 2—39578
    $NaClO_3$, nucleation by collision process at supersaturation, followed by dilution 2—18991
    Na_xWO_3, electrolytic adaptation of Kyropoulos technique 2—18979
    NbO_2, by chem. transport reaction 2—25256
    $Nd_3Ga_5O_{12}$ and $Nd_3Ga_5O_{12}$-$Ln_3Ga_5O_{12}$ solid soln., Czochralski technique 2—19003
    Ni-Co, alloy, single crystal growth by floating zone technique using induction heating 2—3585
    Ni-Fe alloys, suppression of striations 2—25268
    Ni, single crystal growth by floating zone technique using induction heating 2—3585
    Ni, substruct., rel. to growth conditions when grown by Czochralski method 2—25343
    Ni, suppression of striations 2—25268
    $NiCO_3$, hydrothermal growth 2—25252
    $Ni_3IB_7O_{13}$, chem. transport, technological parameters effect on ceramic chem. struct. 2—15936
    P, black, vapour growth, h.p. 2—25252
    Pb-Sn, alloy, off-eutectic composite, growth by zone melting 2—22112
    Pb, striation formation, initial temp. and crucible material depend. 2—3586
    Pb, suppression of striations 2—25268
    $Pb(Cd_{1/3}Nb_{2/3})O_3$ ferroelectric, permittivity, spontaneous polarization, temp. depend. 2—19768
    $PbCl_2$, pure, impurity doped, from melt 2—3587
    $PbCsCl_3$, for electrooptic modulators, travelling heater method 2—35936
    $Pb_5(GeO_4)(VO_4)_2$, acoustooptical crystals 2—36828
    PbS-Bi_2S_3 system, vapour phase growth 2—25257
    PbS, galena, from PbS-RbOH-H_2O hydrothermal system 2—18992
    $PbSO_4$, single crystal growth by flux evaporation method, effect of cooling rate on morphology 2—3571
    PdO, by vapour transport method 2—3575
    Pr_nO_{2n}, and reduction to Pr_nO_{2n-2}, cryst. structs. 2—9366
    $PtI_4.2H_2O$, prep. and structure 2—9356
    $^{239}PuO_2$ single cryst., high temp. soln. growth 2—25266
    $RbAg_4I_5$, crystallization from hydroiodic acid 2—12698
    SbSI. high gas press. growth 2—25252
    Sb_2Te_3:I, modified Bridgman technique 2—19651
    Sb_2Te_3, chemical transport method 2—29096
    Se. bulk polycrystalline sample, memory switching phenomena. use as growing technique 2—4184
    Si. Czochralski method. crystn. front and impurity zone 2—9368
    Si. epitaxial. through Si_3N_4 window 2—9285
    Si. floating zone method. vacancy cluster prevention 2—9357

Crystals continued
  growth continued
    Si. grown in defects, effects on epitaxial growth 2—25248
    Si, high order growth twins, orientation calc. 2—3570
    Si, N-N^+ epitaxial layers, impurity profile estimation near interface 2—15779
    Si, role of dynamic props. of dislocations 2—6400
    α-SiC, design and appl. of induction-heated furnace 2—29091
    α-SiC, epitaxial, from vapour phase, struct. and p-n juncs. 2—9370
    β-SiC, formation kinetics, pyrolysis of CH_3SiCl_3 2—18985
    α-SiC, inclusion-free single cryst., vapour transport method 2—18986
    α-SiC whiskers, La-stimulated high temp. growth 2—25217
    SiO_2, artificial quartz, passive faces and imperfection surfaces 2—18970
    SiO_2, vapour transport and deposition conditions for polymorphs 2—39583
    $Sm_3Ga_5O_{12}$ and $Sm_3Ga_5O_{12}$-$Ln_3Ga_5O_{12}$ solid soln., Czochralski technique 2—19003
    $Sm_xTb_{1-x}FeO_3$, from PbO-PbF_2-B_2O_3 flux melts 2—22114
    Sn, from melt, optical obs. method 2—39590
    Sn dendrites, on free surface of supercooled melt, kinetics 2—12675
    SnO_2, polycrystalline semicond., precip. from soln. 2—40227
    $Sr_{1-x}Ba_xNb_2O_6$, in Pt crucible, epitaxial Pt contamination 2—39579
    $SrO.(6\text{-}x)Fe_2O_3.xAl_2O_3$, flame-fusion technique 2—22103
    $SrSO_4$, single crystal growth by flux evaporation method, effect of cooling rate on morphology 2—3571
    $SrWO_4$, flux growth forms 2—1212
    Ta_2O_5-Sc_2O_3 Czochralski technique, stable high temperature form 2—3734
    $Tb_3Ga_5O_{12}$, Czochralski technique 2—19003
    TbO_x 2—9366
    TbOOH, hydrothermal prep. and mag. props. 2—19926
    TeO_2, from melt using Czochralski technique, for acousto-optic device applications 2—15692
    TiO_2, by chem. transport reaction 2—39584
    TmB_2, from flux 2—39591
    W, thermal dissociation method 2—32402
    WOI_2, prep. from W,WO_3 and I_2 2—25254
    $Y_3Al_5O_{12}$:Nd^{3+},Lu^{3+}, Czochralski growth, impurity distrib. coeffs. 2—19118
    YB_{66}, from the melt, pedestal technique 2—19008
    $YFeO_3$, from PbO-PbF_2-B_2O_3 flux melts 2—22114
    $YbFeO_3$, from PbO-PbF_2-B_2O_3 flux melts 2—22114
    YbOOH, hydrothermal prep. and mag. props. 2—19926
    $(Zn,M)_5(OH)_8Cl_2.H_2O$, pseudomorphs, M=Co, Ni, Mn, Cu, Zn, Na, topotactic reaction 2—3579
    Zn, rounded crystals from vapour 2—18987
    Zn by Bridgeman technique, variation of growth rate and radial heat loss 2—3588
    ZnO, by chemical vapour transport in closed system, evaluation of transport agents 2—3576
    ZnO, under hydrothermal conditions. morphology 2—29093
    ZnO, zincite, by vapour phase hydrolysis of $ZnCl_2$ 2—35940
    ZnO platelets, growth mechanisms 2—12674
    ZnO single crystal plates 2—25259
    ZnS, from vapour phase, equilib. press. 2—3574
    ZnS, polytypes, vapour phase growth 2—6454
    ZrO_2, from gel, positron lifetime spectra study 2—39580
  hyperfine field interactions
    actinide cpds., model for nuclear spin-lattice relax. in paramag. state 2—7009
    alkali halide, rel. to weak mag. field enhancement of luminesc. from F-centres 2—26237
    alkali halide cryst., hyperfine interaction const. rel. to external elec. field 2—26312
    alkali halides, matrix shifts of h.f.s. consts. of Mn and Mn^+ centres 2—7024
    alkali metal, rel. to ultrasound effect on Knight shift 2—16655
    alkaline earth oxides, vacancy pair F_c^+-centres, binding energy 2—36062
    alloy, dil., cubic, elec. field gradients 2—10539
    angular correlation of two gamma rays in asymmetric elec. field grad., effects of static and time depend quadrupole interactions 2—458
    conference on hyperfine interactions in crystals and nuclear props., Rehovot, Israel, 1970 2—5630
    Cu complex, diethyldithiophosphate, Cu-S hyperfine interactions, e.s.r. study 2—36985
    cubic deformed ions, gradient elastic tensor, quadrupole moments 2—7016
    dilute paramagnetic systems, electron-nuclear interactions from n.m.r. of nuclei near impurity 2—37015
    e.p.r. and ENDOR methods of investigation 2—10473
    ferromagnetic cryst., optical reson. excitation effects of atoms on field magnitude 2—10289
    GdIG, n.m.r. and Mossbauer obs. 2—7140
    heavy rare earth metals, study of magnetic and quadrupole hyperfine interaction, determ. electric field gradient 2—26091
    Heusler alloys, hyperfine fields at Ni sites 2—40632
    Heusler alloys, hyperfine fields at Sb sites 2—40633
    IMPAC technique used to investigate quadrupole interactions 2—7020
    Invar alloy, anomalous props., Mossbauer obs. 2—33221
    lanthanide cpds., model for nuclear spin-lattice relax. in paramag. state 2—7009
    local field parameters determ. from Mossbauer spectra 2—1667
    magnetic resonance parameters, relativistic corrections, higher-order combinations 2—13547
    magnetic system, time dependent hyperfine interactions, crystal field effects 2—26090
    manganite spinel, quadrupole splitting due to Jahn-Teller distortion, Mossbauer obs. 2—36829
    metal, ion implantation damage effects 2—19946
    monoclinic spin Hamiltonian with S=1, two-ion model 2—36795
    Mossbauer absorber line separation 2—13442
    Mossbauer investigation, magnetic materials, review 2—16428
    Mossbauer spectra, effect of e.s.r. transitions 2—16429
    perovskite fluorides, doped, first- and second-shell interactions, e.s.r./ENDOR 2—20144
    perturbed angular correl. technique, determ. of bulk props. and at. location 2—36797
    piezoelectric, piezo-e.m. interaction between u.s. and nucl. spin systems 2—32825
    quadrupole interaction for cubic imperfections exhibiting dynamic Jahn-Teller effect 2—26259

Crystals continued
  hyperfine field interactions continued
    rare earth, pnictides, quadrupole coupling interpret. of pure transition 2–36792
    rare earth ferrites, $Ln_{1-x}Ca_xFe_{1-x}Sn_xO_3$, of Sn atoms, Mossbauer obs. 2–7059
    rare earth iron garnet, rare earth contrib. to field on ^{119}Sn 2–22741
    rare earth orthochromites and orthoferrites, supertransferred hyperfine fields 2–7029
    rare gases, ^{119}Sn interactions, Mossbauer obs., 4.2 K 2–19981
    ruby, ENDOR, spin echo obs. 2–26311
    semicarbazide, X-irradiated single crystals, coupling constants 2–20141
    spin precession under influence of crystalline elec. field gradient, meas. 2–7022
    with spin-orbit interaction, dynamic problems 2–10290
    steel, stainless foil, deformed, quadrupole splitting, Mossbauer obs. 2–36840
    strontium borate compounds and glasses, cryst. field parameters, hyperfine coupling consts., e.s.r. of Mn^{2+} 2–16648
    transition metal, cubic, nucl. spin interaction with shear distortion 2–25997
    transition metal ions, $3d^9$, at tetrahedral sites, field models modification 2–7013
    transition metal layered dichalcogenide intercalation complex, elec. field gradient 2–19947
    triglycine sulphate, γ- irradiated, rel. to displacive movement of the radical, e.s.r. obs. 2–26268
    very small particles, electric field gradient, Mossbauer spectra 2–26122
    YIG:Sn, temp. dependence of hyperfine field acting on ^{119}Sn, Mossbauer effect meas. 2–4354
    YIG, Mossbauer study of h.p. phase 2–10330
    ytterbium ethylsulphate. rel. to thermal and mag. props. calc. 2–36794
    yttrium ethyl sulphate:Yb^{3+} and Na^{3+}, effect of paramagnetic impurity on n.m.r. of proximate nuclei 2–37015
    $[V(H_2O)_6]^{3+}$, $[V(H_2O)_5Br]^{2+}$, magnetic resonance obs. 2–7146
    AgCl:S, ^{33}S hyperfine interaction effects, splitting consts., e.s.r. obs. 2–26271
    Al-Ga dil. alloys. n.q.r., elec. field gradient, conc. depend. 2–10585
    Al-Ga(Ge)(Mg) dil. alloys, elec. field gradients 2–1732
    As, semimetal, specific ht. meas., 0.017-0.3K, determ. of nuclear quad. coupling const. 2–4419
    Au:^{167}Er(^{171}Yb), e.s.r., hyperfine splitting parameter 2–26273
    Au-Fe solid soln., Mossbauer effect of ^{57}Fe 2–19828
    Au_4Mn alloy, ordered, n.m.r. of ^{197}Au, h.f.s. 2–16656
    BN:C, F-centre, e.s.r. obs. 2–20131
    BaF_2:Eu^{2+}, ENDOR meas. of hyperfine and transferred hyperfine interaction 2–40756
    BaF_e:Eu^{2+}, ENDOR obs. 2–30030
    $BaFe_{12-2x}Zn_xTi_xO_{19}$, Mossbauer effect, mag. hyperfine fields, Zeeman patterns 2–33216
    $Ba_2Zn_2Fe_{12}O_{22}$, hyperfine field collapse rel. to large amplitude oscillations of magnetic moments at 96 MHz, obs. using Mossbauer spectra 2–10226
    BeF_2 glasses, e.p.r. of transition metal ions 2–10496
    Bi:Te, hyperfine heat capacity and nucl. quadrupole interaction 2–16657
    $Bi_2Fe_4O_9$, mag. and quadrupole split line assignment in Mossbauer spectrum 2–4442
    CaF_2:Eu^{2+}, ENDOR meas. of hyperfine and transferred hyperfine interaction 2–40756
    CaF_2:Eu^{2+}, effect of paramgnetic impurity on n.m.r. of proximate nuclei 2–37015
    CaF_2:U^{3+}, from discrete saturation e.s.r. spectrum 2–30008
    CaS:Mn^{2+}, cubic field splitting. e.s.r. obs. 2–20132
    $CaWO_4$, elec. field induced shifts in hyperfine coupling for ^{143}Nd 2–36984
    Cd:^{111}Cd, recoil inplanted, quadrupole interaction of 247-keV state meas. 2–34956
    Cd, high pressure effects on quadrupole interaction, meas. by perturbed angular correlations 2–33186
    CdF_2:Eu^{2+}, ENDOR meas. of hyperfine and transferred hyperfine interaction 2–40756
    CdF_2:Eu^{2+}, ENDOR obs. 2–30030
    $Cd_{0.98}Fe_{0.02}Cr_2S_4$, Mossbauer effect of ^{57}Fe, quadrupole interaction below Curie pt. 2–26124
    $CdFe_2O_4$, electric field gradients at ^{57}Fe determ. from Mossbauer spectra in an applied magnetic field 2–1671
    $Cd_xHg_{1-x}Te$ mixed cryst., e.p.r. of Mn^{2+} 2–13537
    $Cd_{1-x}Mg_xTe$:Mn^{2+}, e.p.r. obs. 2–26261
    CdS:Co^{2+}, ENDOR spectra, quadrupole splitting 2–7153
    CdS:Co^{2+}, ENDOR study 2–40788
    $CdS_{1-x}Se_x$, mixed cryst., e.p.r. spectra of Mn^{2+}, elec. effects 2–26276
    $CdS_{1-x}Te_x$, mixed cryst., e.p.r. spectra of Mn^{2+}, elec. effects 2–26276
    CdTe:Co^{2+}, e.p.r., super-h.f.s. 2–10502
    $Cd_{1-x}Zn_xS$, mixed cryst., e.p.r. spectra of Mn^{2+}, elec. effects 2–26276
    Co-Fe-Ge alloy, mag. hyperfine spectra, Mossbauer obs. 2–40620
    Co, internal mag. fields on ^{75}As 2–36806
    $CoCl_2.6H_2O$, meas. of perturbed angular correlation for 3/2+ excited state of ^{57}Fe, also obs. in aqueous solns., determ. quadrupole interaction freq. 2–40595
    $CoCl_2.6H_2O$, n.m.r. of deuterons, quadrupolar coupling, hydrogen bonds 2–13550
    $Co(OH)_3$, meas. of perturbed angular correlation for 3/2+ excited state of ^{57}Fe, determ. quadrupole interaction freq. 2–40595
    CoS_2, Mossbauer effect of ^{57}Fe, transferred hyperfine mag. field 2–40617
    $CoSO_4.7H_2O$, meas. of perturbed angular correlation for 3/2+ excited state of ^{57}Fe, determ. quadrupole interaction freq. 2–40595
    Co_xTe, x=0.54, 0.67, 0.85, Mossbauer effect, quadrupole splittings 2–26132
    Cr-Fe, dilute alloy, Mossbauer obs. in mag. field 2–10321
    Cr-Fe dilute alloy, Mossbauer study 2–40622
    Cr-Mn alloys, temp. depend. of mag. hyperfine field at ^{57}Fe 2–40621
    CrO_2, ferromag., n.m.r. of ^{53}Cr 2–13551
    CsD_2AsO_4, ^{75}As quadrupole coupling const. 2–10554
    Cu:^{166}Er, time differential study 2–7023
    Cu-Ge dil. alloys, elec. field gradients 2–10539
    Cu-M, alloys, dilute, M=Au, Zn, Ni, Pt, Pd. charge density distrib. around impurities, n.q.r. obs. 2–16666
    Cu, nuclear spin interactions, spin-lattice relax. time obs., 1-10 mK 2–13553
    Cu, of heavy implanted nuclei (A>150) 2–7020
    Cu, rare earth implanted nuclei in Cu, time dependent ang. correlations meas. 2–7021

Crystals continued
  hyperfine field interactions continued
    Cu_2MnSn, Mossbauer effect study of hyperfine fields at Sn sites 2–36833
    ^{62}Cu, magnetic hyperfine interaction meas. on first excited state 2–5657
    $DyFe_2$, Mossbauer effect, quadrupole shift at ^{57}Fe site 2–10318
    DyM, M=Cu, Ag, Zn, Rh, Mossbauer obs. 2–26125
    $Er_3Al_5O_{12}$, ^{27}Al quadrupole coupling const. detn., n.m.r. obs. 2–10542
    ErI_3, interpretation of unresolved quadrupole splitting in ^{129}I Mossbauer spectra 2–40629
    EuFe garnet, n.m.r. of ^{151}Eu 2–36744
    EuSe:Gd(La), Mossbauer study 2–13444
    Eu_2SiO_4, nuclear gamma resonance study of ferromag. transition temp., quadrupole interaction, hyperfine field and isomer shift 2–19855
    Eu_3SiO_5, nuclear gamma resonance study of ferromag. transition temp., quadrupole interaction, hyperfine field and isomer shift 2–19855
    $Eu_{1-x}Tb_xS$, ^{160}Tb β-decay, search for atomic after-effects 2–18167
    Eu_2TiO_4, ^{151}Eu Mossbauer effect 2–33218
    Fe:^{103}Rh, transient field study 2–7025
    Fe-Al, Fe-Ga temp. depend. of hyperfine field at Fe atom, Mossbauer obs. 2–33222
    Fe-Al dilute alloy, Mossbauer study 2–16437
    Fe-Co dilute alloy, Mossbauer and n.m.r. study 2–13448
    Fe-Ga dilute alloy, Mossbauer study 2–16437
    Fe-Ga solid solution, config. and conc. effects, Mossbauer obs. 2–33224
    Fe-Ir, dil. ferromag. alloy, electric quadrupole interaction of Ir nuclei, n.m.r., 1.4 K 2–20160
    Fe-M dilute alloy, (M=Ti, V, Cr, Mn, Co, Ni), Mossbauer and n.m.r. study 2–13449
    Fe-M dilute alloys, (M-Mo, Ru, Rh. Pd, W, Re, Os, Ir, Pt), Mossbauer obs. 2–16436
    Fe-Mn nodule, high temp. decomposition, Mossbauer effect, quadrupole splitting 2–26131
    Fe-Pd-P alloys amorphous, Mossbauer obs. 2–19877
    Fe-Si alloys, ordered, n.m.r. obs. 2–1611
    Fe-Sn alloy, Mossbauer obs. 2–40627
    Fe-Sn dilute alloy, Mossbauer study 2–16435
    Fe-Te system, stoichiometric or nearly stoichiometric compositions, quadrupole splitting. Mossbauer obs. 2–36841
    Fe-W alloy, magnetic field at W nuclei, from obs. of Larmor precession of first 2+ states 2–40594
    Fe-(Cu, Sb, Ir), dilute ferromag. alloy. n.m.r. spin echo, isotope pairs structure anomalies 2–20159
    Fe-transition metal dil. alloys, temp. depend., Mossbauer obs. 2–22739
    Fe-transition metal dilute alloy, rel. to spin-lattice relax. mechanism 2–19932
    $(Fe,Mg)_7Si_8O_{22}(OH)_2$, cummingtonites, Mossbauer spectra, ^{57}Fe quadrupole splitting 2–10324
    Fe, charge and spin perturbation around nonmag. impurities 2–22740
    Fe, correl. with ion channelling obs. 2–9907
    Fe, domain and wall hyperfine fields 2–19985
    Fe, mag. fields at ^{204}Bi 2–29858
    Fe, moment perturbations 2–1612
    Fe alloys, temp. dependence of hyperfine field near 3d impurities 2–13443
    Fe complex, (Fe Salen Cl)$_2$, mag. hyperfine field, exchange const. 2–40624
    Fe complex, $FeSo_4.(CH_2NH_3)_2SO_4.4H_2$, ethylenediammonium cation contrib. to Mossbauer parameters 2–13447
    Fe complex eight-coordinated tetrakis-(1,8-naphthyridine) Fe(II) perchlorate, extremely large quadrupole splitting in Mossbauer spectrum 2–22735
    Fe group ions, Fermi contact hyperfine interaction 2–36796
    Fe_3Al, ^{119}Sn Mossbauer study 2–7058
    $FeCl_2$, electronic charge density at nucleus, Mossbauer obs. 2–10323
    FeF_2, quadrupole splitting of ^{57}Fe generated by 3d electron 2–7057
    FeF_2, weak covalency effects 2–36788
    $FeF_{2(3)}$, electronic charge density at nucleus, Mossbauer obs. 2–10323
    $Fe(NH_4SO_4)_2.6H_2O$:Cu^{2+}, quadrupole hyperfine anisotropy obs. and mag. susceptibility 2–36843
    $FeNi_3$, Mossbauer spectra obs. 2–40623
    $(1-x)Fe_2O_3$-x Al_2O_3, hematite. Morin phase transition, Mossbauer obs. 2–19915
    $Fe_{1-x}O$, non-stoichiometry, Mossbauer effect, quadrupole and Zeeman splitting 2–26129
    Fe_3O_4, elec. quadrupole interaction and hopping model interpret. 2–36839
    Fe_3O_4, magnetite, n.m.r. of ^{57}Fe, conduction model 2–7137
    Fe_3O_4, magnetite, vacancy distrib., Verwey transition, Mossbauer effect 2–9538
    FeOCl, isomer shift, quadrupole splitting, Mossbauer obs., temp. range 1.96-298K 2–4443
    $FeOHSO_4$, antiferromag. Mossbauer spectra, electric field gradient, ^{57}Fe energy levels 2–10325
    $FeSO_4$, Mossbauer effect, quadrupole splittings, elec. field gradient 2–1672
    $FeSO_4.7H(D)_2O$, quadrupole splitting, effect of H_2O and D_2O ligands 2–36844
    $FeSO_4.7H_2O$, trimethylene glycol solution, molecular motion, diffusion, Mossbauer effect 2–22738
    Fe_3Si, ^{119}Sn Mossbauer study 2–7058
    $FeSiF_6.6H_2O$, quadrupole hyperfine anisotropy from Mossbauer obs. 2–36842
    FeSn, antiferromag. and paramag. states, Mossbauer study 2–29884
    FeSn, hyperfine field temp. depend at Fe atoms, Mossbauer obs. 2–16434
    $Fe_{0.67}Te$. Mossbauer effect, quadrupole splittings 2–26132
    Fe_2TeO_6, Mossbauer obs. 2–40557
    $FeTiO_3$, ilmenite. Mossbauer obs. of Fe^{2+} interactions 2–19986
    GaAs, doped, isotropic e.p.r. spectrum 2–10505
    Gd:W, excitation of W by O beam bombardment, γ-ray and distribution obs. 2–7026
    Gd-Lu(Y) alloys, ^{165}Ho n.m.r., rel. to noncollinear magnetic order 2–7138
    Gd, elec. field gradient, ^{157}Gd Mossbauer obs. 2–31488
    Gd compounds, ^{155}Gd Mossbauer effect, quadrupole splitting, isomer shift 2–10326
    Gd intermetallic compounds, spin echo study 2–40773
    $Gd_3Al_2(AlO_4)_3$ garnet, n.m.r., ^{27}Al quadrupole coupling, 1.5-300 K 2–7139
    $Gd_3Al_5O_{12}$, ^{27}Al quadrupole coupling const. detn., n.m.r. obs. 2–10542
    GdFe garnet, magnetized, spin-echo n.m.r. study of Gd quadrupole interactions 2–4554
    GdFe garnet, rare earth contrib. to field on ^{119}Sn 2–22741

Crystals continued
hyperfine field interactions continued
GdI_3, interpretation of unresolved quadrupole splitting in ^{129}I Mossbauer spectra 2—40629
GeO_2, e.p.r. of Mo^{5+}, A-tensor 2—33339
Ho alloys and intermetallics, ^{165}Ho spin echo obs. 2—10549
$HoFe_2$, Mossbauer effect, quadrupole shift at ^{57}Fe site 2—10318
Ir-Fe alloy, nuclear gamma resonance study, hyperfine field measurements, conc. effects 2—19979
Ir-Ni alloy, nuclear gamma resonance study, hyperfine field measurements, conc. effects 2—19979
KCl:Mn, central hyperfine splitting temp. depend., l.f. local mode obs. 2—10291
KCl, isotropic hyperfine interaction, F_A(Li) colour centre 2—9599
K_2CuF_4, n.m.r. of ^{19}F, unpaired spin densities 2—10552
KD_2AsO_4, ^{75}As quadrupole coupling const. 2—10554
$K_3Fe(CN)_6$, quadrupole interaction and paramagnetic anisotropy temp. depend. 2—36845
$KFeF_3$, electronic charge density at nucleus, Mossbauer obs. 2—10323
$KFeF_3$, weak covalency effects 2—36788
KI:Pd, e.s.r. obs. 2—4541
K_2MgF_4:Mn^{2+}, K_2ZnF_4:Mn^{2+}, spin-Hamiltonian higher order parameters, from ENDOR, at 4.2K 2—30028
$KMgF_3$:V^{2+}, F^- ligand parameters, e.p.r. and ENDOR obs. 2—20143
$KMgF_3$, Mossbauer effect of ^{57}Fe 2—29887
$KMnF_3$, doped, first- and second-shell interactions, e.s.r./ENDOR 2—20144
K_2MnF_4, antiferromag., ENDOR, hyperfine splitting of Mn^{2+} 2—7154
K_2SO_4:Cu^{2+}(Mn^{2+}), e.s.r., phase transition 2—9815
$KZn(SO_4)_2.6H_2O$:Cu^{2+}, e.s.r., obs. of ^{17}O superhyperfine interaction, hyperfine tensor 2—26262
LaI_3, interpretation of unresolved quadrupole splitting in ^{129}I Mossbauer spectra 2—40629
$LiAl_5O_8$, Mossbauer spectra of $^{57}Fe^{3+}$, mag. field effects 2—40630
LiCl, F-centre hyperfine interaction consts., ENDOR study 2—22232
$Li_{0.5}Fe_{2.5-x}Al_x(Ga_x)O_4$, elec. field gradient 2—10328
$LiFe_5O_8$, ordered, ^{57}Fe n.m.r. obs. 2—37010
$Li_{0.5}Fe_{2.5}O_4$, n.m.r. of ^{57}Fe, dipole and anisotropic hyperfine fields effects 2—26304
$LiVO_3$, n.m.r. and e.p.r. obs. 2—10565
LuAl garnet:Cr^{3+}, hyperfine and transferred hyperfine interaction, ENDOR obs. 2—10582
MgF_2, e.p.r. and ENDOR, F-centres 2—19128
Mn^{2+}, in polycryst. sample, e.s.r. spectra calc. 2—36979
MnF_2, antiferromag., spin wave relaxation theory 2—36772
α-N, elec. field gradient, temp. and vol. depend., n.q.r. obs., 4.2-35.1K 2—26315
NH_4Cl:Cu^{2+}($2H_2O$), effect of paramagnetic impurity on n.m.r. 2—37015
NH_4F, e.s.r. of Cu^{2+}, tetrahedral site obs. 2—20149
$NH_4H_2AsO_4$, n.q.r, of ^{75}As, elec. field gradient tensor in paraelec. phase 2—10589
$NH_4H_2PO_4$-(5wt%)KH_2PO_4, γ-irrad., e.p.r. of $NH_3{}^+$ 2—10511
NaBr:Cr^+, e.p.r. and ENDOR obs. 2—20170
NaCl:Cr^+, e.p.r. and ENDOR obs. 2—20170
NaCl:Cr^+, NaF:Cr^+, superhyperfine struct. obs. using ENDOR 2—30029
NaCl:Cu, paramag. centre, e.s.r. obs. 2—36980
NaF:Cr^+, e.p.r. and ENDOR obs. 2—20170
$Na_2Fe(CN)_5NO.2H_2O$, nucl. diffr. of reson. γ-rays due to quadrupole interaction 2—16439
$2(Na_2Mg(SO_4)_2.4H_2O$, e.s.r. of Mn^{2+} impurities, hyperfine parameters, g 2—20136
$NaNO_3$, quadrupole coupling constant of ^{23}Na, pressure and temp. dependence 2—16659
$NaVO_3$, n.m.r. and e.p.r. obs. 2—10565
Na_xWO_3, sodium ordering, ^{187}Re nucl. quadrupole interaction obs. 2—33187
$Na_2[Fe(CN)_5NO].2H_2O$, trimethylene glycol solution, molecular motion, diffusion, Mossbauer effect 2—22738
$Na[Fe(CN)_5X].nH_2O$, quadrupole splitting rel. to elec. field gradient sign determ. 2—36790
Nb:^2H, quadrupole coupling and spin-lattice relax. 2—7129
Ni:Ar implanted, perturbed ang. correl. obs. 2—10292
Ni:Re, hyperfine field at ^{187}Re nuclei, time differential perturbed angular correl. obs. 2—36798
Ni-Ga alloy, field of Ga at 4.2K 2—4558
Ni-Ir, dil. ferromag. alloy, electric quadrupole interaction of Ir nuclei, n.m.r., 1.4 K 2—20160
Ni-Ta alloy, temp. dependence of hyperfine field at ^{181}Ta 2—36799
Ni-(Cu, Sb, Ir), dilute ferromag. alloy, n.m.r. spin echo, isotope pairs structure anomalies 2—20159
Ni, internal mag. fields on ^{75}As 2—36806
Ni, mag. fields at ^{204}Bi 2—29858
Ni, near-paramag. region, Mossbauer obs. of induced magnetiz. 2—40634
Ni, perturbed ang. correl. obs. of As fields 2—36805
Ni complex, Cu(II) doped α-bis(thiosemicarbazide) Ni(II) $SO_4.3H_2O$, e.p.r., covalent bonding 2—26286
$NiFe_xCr_{2-x}O_4$, ferrite, quadrupole splitting of Mossbauer spectra 2—40635
$NiIn_xFe_{2-x}O_4$, ^{115}In n.m.r. study 2—40778
Ni_2MnSn, Mossbauer effect study of hyperfine fields at Sn sites 2—36833
$Ni_{0.67}Te$, Mossbauer effect, quadrupole splittings 2—26132
$PbTiO_3$, ferroelec., ^{57}Fe Mossbauer effect 2—36848
Pd_2MnSb Heusler alloy, giant hyperfine field at ^{121}Sb 2—33227
Pd_2MnSn, Mossbauer effect study of hyperfine fields at Sn sites 2—36833
Rb_2MnF_4, antiferromag., ENDOR, hyperfine splitting of Mn^{2+} 2—7154
Rh, e.s.r., hyperfine splitting of Dy and Er localized moments 2—10520
p-Si:Zn,P, e.p.r. of Zn, hole-moment interaction 2—13543
Si, ion-implanted, ^{17}O h.f.s. of neutral vacancy-oxygen centre 2—40765
Sm_6Mn_{23}, ferrimag. probe, meas. of mag. field at site of Sm nuclei 2—1651
SnO_2:Fe^{3+}, superhyperfine interactions, ENDOR study 2—22847
SrF_2:Eu^{2+}, ENDOR meas. of hyperfine and transferred hyperfine interaction 2—40756
SrF_2:Eu^{2+}, ENDOR obs. 2—30030
$Sr_4Fe_6O_{13}$, Mossbauer obs. 2—39652
SrO:$^{55}Mn^{2+}$, e.p.r. and Endor obs. 2—26287
$SrWO_4$, elec. field induced shifts in hyperfine coupling for ^{143}Nd 2—36984
Tb, ferromag., elec. quadrupole effects, n.m.r. of ^{153}Tb 2—16662
TbF_3, ^{160}Tb β-decay, search for atomic after-effects 2—18167
Te, 360-58 keV cascade of excited ^{127}I, angular γ quantum correlations 2—29854

Crystals continued
hyperfine field interactions continued
ThO_2, e.p.r. of $^{155}Gd^{3+}$, h.f.s. forbidden lines 2—13544
ThO_2, e.p.r. of $^{155}Gd^{3+}$, allowed and forbidden lines 2—26288
TiO_2:Co^{2+}, rutile, ENDOR obs. 2—26313
TiO_2, ENDOR of V^{4+}, superhyperfine coupling 2—40767
$TmFeO_3$, spin reorientation, ^{57}Fe n.m.r. absorpt. line splitting 2—16663
$Tm_2(SO_4)_3.8H_2O$ rel. to mag. ordering 2—16399
V-N(O) dil. solid solns., ^{51}V quadrupolar effects 2—26308
V-transition metal alloys, ^{51}V quadrupolar effects 2—26308
V_2O_3, antiferromag., n.m.r. of ^{51}V 2—10564
V_2O_5, n.m.r. of ^{51}V, quadrupole coupling const. 2—10565
Y, n.m.r. obs., free electron model 2—13555
YAG:Cr^{3+}, hyperfine and transferred hyperfine interaction, ENDOR obs. 2—10582
YAG:Er^{3+}, rel. to thermal and mag. props. calc. 2—36794
$YFeO_3$, weak ferromag., ^{57}Fe n.m.r., domain boundary oscills. 2—22681
$Yb_2O_2S(Se)$, Mossbauer effect of ^{170}Yb 2—26133
$ZnAl_2O_4$, natural Gahnite, n.m.r. of ^{27}Al, line shifts due to elec. quadrupole coupling, paramag. fields 2—26309
$ZnFe_2O_4$, electric field gradients at ^{57}Fe determ. from Mossbauer spectra in an applied magnetic field 2—1671
$ZnSeO_4.6H_2O$:Cu^{2+}, Co^{2+}, and $NiSeO_4.6H_2O$, rel. to optical activity 2—19966
$ZnSiF_6.6H_2O$:Mn^{2+}, spin-Hamiltonian higher order parameters, from ENDOR at 4.2K 2—30028
imperfections *see Crystal imperfections*
internal fields
see also Crystal field theory
alum, elec. field gradient, n.q.r. determ. 2—33360
beta-decay, crystal field effects on half-life 2—475
dipole and elec. field gradients, calc. of Lorentz factors 2—4094
dipole and elec. field gradients, depend. on macroscopic and microscopic parameters 2—4093
Franz-Keldysh effect, band to band transition probability 2—4438
heavy rare earth metals, electric field gradient estimated from exptl. hyperfine interaction data 2—26091
Laves iron earth compounds, Mossbauer effect, anisotropy 2—4441
magnetic field meas. by f.m. n.m.r. spectrometer 2—17495
metals, gravity-induced electric fields calc. from periodicity deviations of the lattice 2—9914
n.m.r. spectrometer, frequency modulated, with Robinson-type oscillator 2—2319
olivine-spinel transformation in silicates and germanates, crystal field effect 2—1386
rare-earth ions in crystal field with C_{3h} symmetry, Zeeman effect 2—36863
transition metal ions, in crysts. effective mag. moment, derivation from cryst. elec. field 2—40587
triglycine sulphate, Cr^{3+} doped, internal elec. fields, e.p.r. obs. 2—10530
$Bi_2Fe_4O_9$ magnetic, effective, acting on tetrahedral/octahedral ferric ions, Mossbauer effect obs. 2—4442
$CaB_3O_4(OH)_3.H_2O$, ferroelec. colemanite, ice filament pattern study 2—13317
$Cd_{1-x}Mg_xTe$:Mn^{2+}, crystalline field consts., e.p.r. obs. 2—26261
CdTe, electroabsorpt., Franz-Keldysh effect, internal microfields 2—36873
$Ce_xLa_{1-x}Pd_3$ alloy, elec. field effects on Kondo resistivity 2—13112
Co spheres, mag. field seen by carriers 2—40157
$Co(H_2O)_6{}^{2+}$ in chiral lattice, circular dichroism spectra, Cotton effects obs. 2—26163
CsH_2AsO_4, electric field gradient tensor at Cs sites, in para- and ferro-electric phases 2—29844
$Cu(H_2O)_6{}^{2+}$ in chiral lattice, circular dichroism spectra, Cotton effects obs. 2—26163
Er, conically ordered ferromagnet, ^{167}Er n.m.r. study 2—33353
Eu^{3+} in phosphate glasses, influence of crystal fields on transition probabilities 2—29914
Fe film, Mossbauer spectra, analysis, thickness 1-42 Å, 15-350 K 2—40626
FeOCl, electric field gradient tensor, Mossbauer obs., temp. range 1.96-298K 2—4443
Fe_3Pt, temp. depend. of hyperfine field, Mossbauer study 2—22737
$FeSiF_6$:$6H_2O$, single cryst., principle axis location, EFG sign and mag. struct. from Mossbauer obs. 2—29885
KBr, elec. field gradient around point defects, continuum elasticity calc. 2—25385
KI, elec. field gradient around point defects, continuum elasticity calc. 2—25385
La-2.01 at.% Pr alloy, cryst. elec. field, lattice contrib., cond. electron contrib., shielding 2—40591
LiF:Mn^{2+}, symmetry 2—36989
$Li_{0.5}Fe_{2.5-x}Al_x(Ga_x)O_4$, local symmetry of elec. fields, Mossbauer obs. 2—10328
$LiNbO_3$, Fe group doped, absorpt. spectra 2—26094
$M^{II}U_2{}^VF_{12}.4H_2O$ (M=Co,Ni, or Cu), ligand fields 2—33275
Mn_3AlC, n.m.r. study 2—20161
Mn_3GaC, n.m.r. study 2—20161
$Na[Fe(CN)_5X].nH_2O$, elec. field gradient sign determ. 2—36790
Ni:Re, hyperfine field at ^{187}Re nuclei, time differential perturbed angular correl. obs. 2—36798
Ni, rel. to ferromag. reson. in deformed cryst. 2—36972
$NiFe_xCr_{2-x}O_4$, ferrite, mag. field on Fe^{57} nuclei, Mossbauer effect obs. 2—40635
Sm_6Mn_{23}, ferrimag. probe, meas. of mag. field at site of Sm nuclei 2—1651
ZnS, mapping of elec. fields 2—25965
lattice mechanics
seealsoDebye-Wallerfactors; Electron-phononinteractions; Ferroacoustic resonance; Mossbauer effect; Phonons; Spin-lattice relaxation
1,2-dichloroethane, vibrational assignments made from study of far i.r. and Raman spectra 2—8759
A-15 compounds, phonon spectrum calc. 2—19333
A-15 cpds., anharmonicity, model rel. to supercond. 2—40201
acetylene, n.m.r., second moment obs., molecular motion 2—7147
actinide metal carbides, phonon spectra 2—29644
alkali halide, phonon dispersion, long-range three-centre potential effects 2—9852
alkali halide, shell model calc. of second Gruneisen parameters 2—16066
alkali halide, single phonon X-ray scatt., eigenvector influence 2—9855
alkali halide, thermodynamic funcs., phonon freq. moments and Blackman rule of sums 2—40067
alkali halides, anharmonic vibr. props. of impurities 2—25659

Crystals continued
  lattice mechanics continued
    alkali halides, breathing shell model 2—16001
    alkali halides, F center. soln. of vibronic model for relaxed excited state 2 -36061
    alkali halides, phonon impurity modes, anharmonic vibr. props. 2—19349
    alkali halides, rel. to calc. of strain depend. of dielec. consts. 2—40035
    alkali halides, thermal cond., continuum of tunnelling levels 2—19446
    alkali halides, trace variable forces from Brout sum rule 2—32798
    alkali halides, uniaxial stress effects on off-centre pot. of Cu^+ and Ag^+ 2—20020
    alkali metals, frequency wavevector dispersion relations for normal modes 2—29503
    alkali metals, phonon dispersion 2—22386
    alkali metals, ultrasound effect on Knight shift 2—16655
    alkaline earth fluorides, anharmonicity, temp. and press. depend. 2—13022
    alkaline earth oxides, analysis of anharmonic effects in thermal properties 2—40068
    alkaline earth oxides, phonon dispersion curves 2—19350
    alloy, disordered, force constants, cond. electron screening 2—36314
    alloy, phonon spectrum, short range order effects, C.P.A. calc. 2—19334
    p-aminophenol derivatives, hydrohalides, solid state ion exchange with matrix, i.r. spectra 2—10594
    amorphous materials, density of states and thermodynamic props., Raman scatt. 2—20061
    anharmonic contribs. to diffuse X-ray scatt. 2—19330
    anharmonic cryst., generalized dielec. screening theory and phonon spectra 2—19343
    anharmonic crystals with weak coupling, pseudoharmonic approx. 2—9843
    anharmonic effects, self-consistent procedure analysis, insulators 2—4029
    anharmonic effects in perfect and imperfect crysts. 2—19341
    anharmonic linear chain, properties in pseudoharmonic approximation 2—1418
    anharmonic theory, fourth order, elasticity and stability 2—19317
    anharmonicity coeffs., theory 2—19344
    anharmonicity contribs. to dislocation drag 2—32512
    anharmonicity of crysts. heated by intense i.r. radiation 2—19345
    anisotropic lattice, fluctuations and Bragg peaks 2—19331
    anisotropic temperature factor, interpretation 2—32797
    anthracene, rel. to Debye temp. calc. methods 2—29511
    antiferromagnetic insulators, effect of introduction of defects on spectrum of magnetic excitations 2—40543
    aromatic hydrocarbons, phonon density of states 2—19400
    aromatic molecular polycrystals, excitations and anharmonic effects, neutron scattering study 2—25667
    atomic vibration amplitudes rel. to thermal expansion, theory 2—4072
    benzene, in solid HCl matrix, i.r. vibr. spectrum. phase effects, frequency changes 2—13486
    benzene, lattice frequencies calc. using pairwise potential functions 2—25646
    benzoic acid, single cryst., low freq. spectrum, GF method analysis 2—20079
    benzoxazole, frequencies and lattice modes 2—16502
    beryl, i.r. refl. spectrum, anharmonicity 2—26143
    binary alloy, order-disorder transformation, lattice vibration effects 2—19309
    calcite-type cryst., phonon dispersion 2—19358
    carbon tetrachloride, solid, heat capacity, component vibrations detn. 2—6679
    cell model, validity of use in impurity- matrix absorption spectra calc. 2—13466
    chlorinated methylbenzenes, ^{35}Cl n.q.r. spectra, influence of vibr. and reorientations of CCl_3 groups 2—10590
    p- chloroaniline, coupling of electronic state to host phonon modes 2—40684
    clusters of atoms, small, vibrational frequencies and entropies determ. for cubic and hexaganol-close-packed arrangements 2—25651
    conference, Rennes, France, July 1971 2—15987
    cubic cryst., free energy at finite temp. 2—9845
    cubic crystal, double-force tensor of point defects, X-ray scatt. determ. 2—40019
    cubic crystals, pressure effects, models, review 2—15994
    cubic lattice, effective force const. and impurity mode in low and high freq. limits 2—32794
    Debye-type bulk continuum model for gas-solid scattering studies 2—32329
    defect system, inversion of matrices 2—15998
    diamond, bond vibrations, i.r. spectra, absorption lines 2—10366
    diamond, impurity induced one phonon absorpt. 2—20028
    diamond, lattice dynamics and vibrational spectra, valence force pot. calcs. 2—19357
    diamond, local effective fields calc., low frequency electronic dielec. const. umklapp effects 2—22745
    diamond, two-phonon i.r. spectrum, elec. field effect 2—20029
    diamond, vibrations and valence force fields 2—29506
    diamond structure, mean square displacements of bulk and surface atoms 2—22389
    diatomic linear lattice, surface modes, theory 2—22063
    1,2-transdichloroethane, orientational disorder and i.r. and Raman spectra calc. using intermol. potentials 2—25357
    dielectric, light scatt. by thermal fluctuations 2—16578
    dielectric, response functions in Raman scattering by vibrational and polariton modes 2—16508
    disordered solid, i.r. vibr. spectrum, theory 2—22388
    disordered system, localization of vibr. states 2—40018
    disordered systems, numerical studies of vibrational properties 2—36313
    durene, iododurene and chlorodurene, l.f. phonon spectra 2—19393
    dynamical Jahn-Teller effect 2—40586
    elastic constants, f.c.c. cryst., three- body interactions and lattice sum 2—9857
    elastic vibr. spectra, effect of linear defects with heavy impurities 2—25488
    elastic vibr. spectrum of cryst. with linear chain defect 2—29501
    energy transfer, coupled oscillator model considered for solids 2—8525
    f.c.c. lattice, thermodynamics of strongly anharmonic crystals 2—25653
    f.c.c. lattice spectrum, singularities of one- and two-dimensional origin 2—22391
    f.c.c. lattice with central nearest neighbour interaction, properties in pseudoharmonic approximation 2—1419
    ferrodielectric, high order anharmonicity, effect on thermal cond. 2—6688

Crystals continued
  lattice mechanics continued
    ferroelectric, Curie point, screening influence 2—40345
    ferroelectric, dielec. dispersion near transition point 2—19758
    ferroelectric, displacive, ionic displacement, Curie temp., spontaneous polarization 2—13310
    ferroelectric, dynamical model, quantum field theoretical treatment 2—19764
    ferroelectric, hydrogen-bonded, mole. model 2—15993
    ferroelectric, phase transition, symmetry of soft modes 2—22620
    ferroelectric, phonon approx. and phase transitions 2—22392
    ferroelectric, power Raman spectra study 2—13021
    ferroelectric, thiourea, vibr. modes, Raman spectra obs. 2—4040
    ferroelectric, tungsten bronze crystal structure, Raman scatt. temp. depend., polariton obs. 2—33281
    ferroelectric, vibronic phase transitions 2—16278
    ferroelectric crysts., lattice dynamics, mol. rot., n.m.r. obs. 2—37000
    ferroelectric phase transition. soft vibration modes, vibronic interaction 2—16281
    ferroelectric transition, critical dynamics 2—10258
    ferromagnet, with impurities, phonon freq. rel. to magnetoelastic effects 2—40498
    ferromagnet, without symmetry centre, vibrations, quantum theory 2—40438
    force constants, calc. from Mossbauer data 2—40618
    force consts., exptl. data analysis 2—19326
    from point group compatibility tables 2—19989
    germanates, normal II-IV spinels, i.r. spectrum, vibrational assignment 2—10382
    glass, rel. to temp. depend. of anomalous sp. ht. 2—22419
    graphite, rel. to thermal expansion calc. 2—32846
    Green's function calc. for extended point defect system 2—19337
    group II-VI and III-V cpds., pseudopot. calc. of transverse effective charges 2—40020
    group theory, FORTRAN program 2—19329
    group-theoretical analysis of vibrations, computer program 2—36311
    harmonic vibration tensor representation 2—4028
    Heisendberg paramagnet, one-dimensional, relaxation shape function 2—29799
    Helmholtz free energy calc. by diagrammatic method 2—29500
    hexachloroethane, lattice vibr., molecular rot. and C-Cl_3 group internal rot., n.q.r. obs. 2—16668
    hexahaloiridates, alkali salts, lattice vibrations obs. and force const. calc. using Raman and i.r. spectra 2—40673
    homopolar cryst., phonon dispersion, macroscopic model calcs. 2—15996
    homopolar crystal, diamond struct., highly polarizable, modified shell model 2—19320
    hydrates, far-i.r. absorpt., deuteration effects, vibrs. obs. 2—22756
    hydroxyapatites, hydrothermally prepared, vibr. spectra 2—16527
    ice, heavy and light, force constants from elastic consts. and i.r. data 2—19372
    ice, polar dynamic model for Ih monocrysts. 2—22400
    ice I, incoherent neutron inelastic scattering data, anal. using lattice dynamical model 2—29510
    impure crystal, quantum mobility, spin echo damping study 2—40572
    impurities, inelastic incoherent neutron scatt., mass and central force const. changes 2—32793
    impurity complex vibrs. and interactions 2—15997
    impurity crysts., neutron inelastic scatt. by localised vibrs. 2—15710
    impurity modes and lattice relax. 2—19339
    inert gas, thermal eqn. of state, thermal expansion and stability calcs. 2—40082
    insulator, shell model and microscopic theory 2—19324
    interatomic force constants derivation from phonon frequencies 2—4027
    interatomic pot. anharmonicity calcs. of thermal expansion and mol. reorientation 2—9842
    interface, vibr. and localized modes 2—18915
    interfacial entropy, anharmonic contrib. 2—9844
    iodoform, l.f. Raman spectra, internal mode coupling 2—26198
    ionic, apparent splittings for fundamental vibrations, multiple site and orientational effects 2—15991
    ionic cryst., CsCl-type, force const. changes, rel. to elastic consts. 2—3830
    ionic cryst., far-i.r. anharmonic self-energy of long wave phonons 2—19348
    ionic cryst., i.r. absorpt. due to surface modes 2—19340
    ionic cryst., phonon press. depend. from spectroscopic meas. 2—19336
    ionic cryst., polariton modes classification 2—19328
    ionic cryst. two- and three-phonon processes in far-i.r. absorpt. 2—16000
    ionic crystal, temp. depend. of nonlinear lattice resonance damping 2—22390
    ionic crystal slab with NaCl structure, vibration modes and optical modes 2—4037
    ionic crystals, ab initio shell models for lattice dynamics 2—32795
    ionic Raman effect, i.r. active mode and second dipole moment effects 2—16521
    ionic solid, rigid ion model limitations 2—40017
    i.r. spectra 2—22721
    k=0 librational spectrum, alternative description based on variational procedure 2—22403
    lattice energy transport in linear atomic chain, Boltzmann transport equation rel. to thermal cond. derivation 2—36362
    Laves phases, physical props. 2—9476
    Lennard-Jones system, crit. phenomena, mol. dynamical calcs. 2—15999
    light absorption, Urbach rule 2—4453
    light scattering from polaritons in presence of lattice damping 2—29926
    localized modes, transition metal and rare earth ion probe techniques 2—20012
    localized modes and cell-model limit in cryst. impurity problem 2—13020
    localized vibr. modes associated with screw dislocations 2—19338
    localized vibrational coupling rel. to interference effects in anti-Stokes secondary radiation 2—10403
    low symmetry cryst., non-Hermitian dynamical matrices 2—15990
    Lyddane-Sachs-Teller relation, finite wave vector effects 2—19327
    Lyddane-Sachs-Teller relation at finite wave vector for NaCl type crystals 2—25648
    magnetic materials, zero and multiphonon Mossbauer line shape calc. 2—36323
    mean square vibr. amplitude of atoms calc. method 2—32790
    metal, b.c.c., phonon dispersion, two parameter model potential method 2—19365

Crystals continued
lattice mechanics continued
metal, cubic, extended De Launay's model 2—19335
metal, cubic, pressure-volume relation anharmonicity, Morse function description 2—9851
metal, f.c.c., neutron scatt. by localized dumbbell vibr. 2—9540
metal, f.c.c., vibr. spectrum, rel. to solubility of H/D 2—19260
metal, h.c.p., force model 2—6647
metal, h.c.p., lattice dynamics, Sharma-Joshi modified model, tensor force model 2—40022
metal, h.c.p., phonon dispersion relation, Debye temp., modified axially symm. model 2—40049
metal, lattice dynamics, mol. rot., n.m.r. obs. 2—37000
metals interionic potentials, determ from energy function of band structure 2—29502
methane, harmonic spectra of dense phases 2—36892
p-methoxybenzylidene p-n-butylaniline, l.f. Raman spectra 2—13493
molecular, apparent splittings for fundamental vibrations, multiple site and orientational effects 2—15991
molecular, vibrational energy relaxation 2—22394
molecular cryst., ^{35}Cl quadrupole relax., CCl$_3$-reorientation 2—10276
molecular cryst., optical phonons and polaritons 2—19392
molecular cryst., rel. to polar continua theories 2—25650
molecular crystal, analytic formulation based on pair potential functions 2—22387
molecular crystals, lattice dynamics, mol. rot., n.m.r. obs. 2—37000
molecular crystals, mechanical excitations and quantum theoretical formulation of linear electrodynamics 2—40015
molecular crystals, normal coordinates calc. using pairwise potential functions 2—25646
molybdates, normal I-VI spinels, i.r. spectrum, vibrational assignment 2—10382
morphic effects, long wavelength optical phonons, external mag. field effects 2—19318
Mossbauer-active impurity atom, vibr. resonance modes and emission recoil-free fraction 2—29880
myoglobin, vibration and defect contribs. to temp. factors, Mossbauer and X-ray obs. 2—4041
naphthalene, lattice frequencies calc. using pairwise potential functions 2—25646
$^1B_{2u}$ naphthalene, random lattice calculations on Frenkel exciton 2—1467
neutron inelastic coherent scattering, g(ΔE) derivation accuracy 2—25655
neutron scattering from a finite linear chain 2—15986
p-nitroaniline, near i.r. spectra, anharmonic consts. determ. 2—4461
noble metals, modified shell model treatment 2—19347
noble metals, phonon dispersion relations 2—4030
noble metals, phonon freqs., model calcs. 2—32800
nolecular solids, quantum mechanical treatment of librations and librons 2—32789
nonlinear oscillators, interacting with a medium, classical theory 2—9846
optical absorption by trapped electron interacting with lattice vibrations, solution of infinite set of Green- function equations 2—36862
optical lattice oscillations, extension of Poulet-Loudon approximation 2—29504
organic solid solutions, lattice phonon structure rel. to electronic spectra 2—36890
oscillation tensors of fixed molecules in crystals, interpretation 2—25656
paramagnets, rotationally invariant theory of spin-phonon interactions 2—13376
pentaerythritol, hydrogen bonding, dispersion relations, from X-ray diffuse scatt. obs. 2—3749
perfect non-Bravais cryst. with internal strains 2—9883
periodic deformable lattice, effect of vibrational state on charge carrier trapping 2—29587
phase transitions, soft modes and critical fluctuations 2—15952
phonon models and microscopic theories, interrelations 2—19323
phonon spectroscopy through spin lattice coupling 2—9854
phonon-optical polaron interaction 2—29604
phonons in metals, modified shell model treatment 2—19322
phthalocyanines. deformation potentials 2—4128
piezoelectric crystal, polariton, Raman scatt. for general wave vectors 2—4026
point defect with long range interaction 2—19316
poly-L-proline, forms I and II, dispersion curves, Higgs method 2—40050
polyacrylonite, glass transitions region Mossbauer effect study of polymer dynamics 2—22736
polycrystalline inorganic materials, LO mode frequencies, meas. by polarized specular reflectance i.r. spectroscopy 2—15992
polymer, Raman scatt. from low freq. phonons 2—16577
polymethyl acrylate, molecular relax., Brillouin spectra obs. 2—26202
polyoxymethylene, orthorhombic, lattice modes obs. in Raman spectra 2—16576
polytetrafluoroethylene, interchain force field and elastic constants from phonon dispersion curve 2—40039
polythene, defect containing. vibrational props., numerical method 2—19394
quantum kinetic equation for system with discrete energy levels 2—29928
quartz, fused, hypersonic phonons at low temp., stimulated Brillouin scatt. obs. 2—16587
quartz, soft mode linewidth temp. depend., near α-β phase transition 2—20078
α- quartz. synthetic, dynamics of impurities 2—19387
quasi-elastic neutron scattering study 2—19401
quasilocalized lattice modes influence on quadrupolar spin-lattice relax. rate 2—10261
radiogenic gases, atomic binding and retention, rock and mineral dating techniques 2—7229
Raman relaxation times, temp. depend., theory 2—40578
Raman scattering from overtones and composite tones of optical vibrations 2—16519
rare earth ions in crystals, rate of multiphonon relaxation 2—32799
rare gas, induced far-i.r. phonon spectra 2—19353
resonance phenomena for local oscillations at multiple and combined frequencies 2—40654
rutile structures, possible stress-induced Raman mode instability 2—15732
scattering of channelled ions by thermal vibrations, theory 2—40099
semiconductor, group II-VI cpds., high symmetry pts. in Brillouin zone 2—19361
semiconductor, III-V and II-VI, lattice vibrations 2—36596
semiconductor, impurity-phonon interactions 2—40028

Crystals continued
lattice mechanics continued
semiconductor, piezoelec., nonlinear excitation of acoustoelec. fluctuations 2—19418
semiconductor superlattice, phonon and polariton modes 2—19315
shell model, charge transfer mechanism, zincblende structures 2—22383
soft mode Raman spectroscopy, coupled modes 2—15995
spin-phonon interactions 2—22819
structural phase transitions, Raman spectroscopy, soft mode theory 2—29925
succinonitrile, plastic cryst. state, molecular motion, light scatt. obs. 2—26203
succinonitrile, plastic phase, light scattering obs. 2—16589
superconductor, phonon spectra, neutron scatt. and tunnelling comparison 2—19395
surface, localized vibr. modes of free surfaces and systems with adsorbed layers 2—32323
surface anharmonicity, mol. dynamics method 2—18916
surface atom vibration study, low energy ion multiple refl. technique 2—32331
surface modes, harmonic approx. 2—18914
surface vibr. freqs., localized, calc. method 2—18917
surface vibration modes, light scatt. 2—29505
surfons, scattering by point mass defects in srystal surface 2—6646
teaching. illustration of critical points using a simple pendulum 2—17163
tetramethyl ammonium nitrate, internal motions, n.m.r. obs., 100-300K 2—40784
tetramethyl ammonium perchlorate. internal motions, n.m.r. obs., 100-300K 2—40784
tetranitro-1,3,5,7 octahydro tetrazocine-1,3,5.7, vibr. obs. 2—9867
tetrazole, librational displacements and harmonic force constants, phonon spectrum 2—10414
thermal cond. of anharmonic cryst. 2—36363
thermal conductivity, Callaway formula, generalization 2—9900
thermal diffuse scatt. influence on X-ray intensities 2—12704
thermal diffuse scatt. influence on X-ray line profiles 2—9385
thermal expansion, comparison of various lattice dynamical models 2—16043
thermal expansion, contrib. of bond length expansion and tilting 2—13049
thermal motion, mass weighted Cartesian displacement coordinates, analysis 2—4031
thermal vibr. anisotropy and X-ray diffr. maxima 2—9387
thiourea, absorpt. spectrum, para- and ferroelec. phases, librs. and vibrs. 2—26176
thiourea, inter- and intra-molecular force consts., i.r. and Raman active vibrations 2—29513
thiourea, satellite X-ray scatt.. structural modulation 2—13320
thiourea, temp. dependence of i.r. and Raman spectra, mol. and lattice vibrations phase transition 2—29923
thiourea, vibr. modes, Raman spectra obs, 2—4040
three phonon scatt. processes, variational treatment, Hamiltonian and Parrott model 2—40023
three-body interactions, lattice sums for their evaluation 2—9857
transition metal carbide. phonon spectra, pseudopot. approach 2—19321
transition metal carbides, phonon spectra 2—29644
transition metal carbides, phonon spectra and supercond. 2—19388
transition metal series, variation of cohesive props. on d-band filling 2—22089
transition metals, electronic struct. depend. 2—32814
transition metals. modified shell model treatment 2—19347
tungstates, normal I-VI spinels, i.r. spectrum, vibrational assignment 2—10382
two-phonon bound states and hybridization 2—19342
unified microscopic approach, genera- pseudopot. 2—19325
urea, molecular theory 2—22407
vanadates, normal I-III-V spinels, i.r. spectrum, vibrational assignment 2—10382
vibration amplitude, evaluation from anomalous neutron scatt. 2—1420
vibration of monatomic and diatomic lattice, and lattice with defect, lab. demonstration using electrical analogues 2—15988
vibrational modes and spectra, factor group analysis for known struct., review 2—25645
vibrational spectra, neutron scatt. study 2—32817
vibrations, effect of pressure on simple cubic crystals 2—15994
vibrations, experimental determ. of frequency spectra for diamond, benzil, Bi, GeO$_2$, α-quartz 2—26182
x-ray scattering, ion spin-lattice-coupling, phonon damping and magnetic order 2—19848
yttrium ethyl sulphate, phonon bottleneck of spin-bath relax. of Yb^{3+} 2—19935
yttrium ethylsulphate:Dy^{3+}, Orbach processes, paramag. relax. obs. 2—36982
zero point velocity, Mossbauer obs. 2—36324
zinc blende type. localized mode freq. for substitional impurities 2—13018
zincblende-type cryst., defect-induced vibrs., mol. model calc. 2—9853
zincblende-type cryst., deformable bond model and ionicity 2—19390
zincblende-type cryst., phonon dispersion, local models, mean square atomic displacements 2—19389
zincblende-type crysts., Debye-Waller factors 2—25654
$3Al_2O_3$. $2SiO_2$, i.r. freq. calc. 2—36867
$[Co(NH_3)_5Cl]Cl_2$, lattice dynamics, X-ray obs. 2—3704
$[Co(NH_3)_5H_2O](ClO_4)_3$, lattice dynamics, X-ray obs. 2—3704
$[Co(NH_3)_5NCS](NO_3)_2$, lattice dynamics, X-ray obs. 2—3704
$[Co(NH_3)_6](NO_3)_3$, lattice dynamics, X-ray obs. 2—3704
Ag-H(D) solid solution, rel. to H(D) solubility calc. 2—3961
Ag, dispersion curves, vibr. spectra 2—32803
Ag, phonon dispersion and spectra, Debye temps., angular force effects 2—32807
AgCl, modified shell model 2—40024
AgF, optic modes frequencies from far i.r. transmission spectrum 2—32802
Al-H(D) solid solution, rel. to H(d) solubility calc. 2—3961
Al, anharmonic contrib. to thermal expansion, high temp. 2—32845
Al, atomic scattering factors determ. from thermal diffuse scattering meas. 2—29509
Al, neutron irradiated, elastic behaviour, anharmonicity 2—40025
Al, phonon freqs., model potential calcs. 2—32804
Al, second- and third-order elastic consts., lattice theory 2—9632
Al, thermal diffuse scatt. at Bragg refls., Mossbauer obs. 2—19402
Al, thermal vibration freqs. 2—1421

Crystals continued
lattice mechanics continued
Al, X-ray scatt. from phonons 2—16002
Al bicrystal vibrational entropy a constituent in intergranular entropy 2—39707
α-Al_2O_3:Cr^{3+}, $^4T_2$ state, stress study of Jahn-Teller effect 2—36787
Al_2O_3, corundum, with abnormal phonon distrib., i.r. refl. spectra 2—26142
$AlPO_4$, phonon-phonon and proton-phonon interactions 2—19352
Ar:N_2(O_2), Raman scatt. by mol. impurities 2—26187
Ar, central force rigid at. model, freq. distrib. phonon spectra, sp. ht., thermal expansion 2—40040
Ar, doped, induced far-i.r. phonon spectra 2—19353
Ar, vacancy formation entropy calcs. from normal mode vib. freqs. 2—22191
Ar solid, effect of zero point anharmonicity on the vibrational properties 2—4032
Au, anharmonic contrib. to thermal expansion, high temp. 2—32845
Au, dispersion curves, vibr. spectra 2—32803
Au, phonon dispersion and spectra, Debye temps., angular force effects 2—32807
$AuAl_2(Ga_2)(In_2)$ Raman scatt. tensor freq. and linewidth, phonon modes 2—16524
B, β-rhombohedral, rel. to optical anisotropy, 0.4-16μ 2—40644
$B(OH)_3$, vibrational spectra and lattice strain 2—29909
BaF_2, Gruneisen parameters, calc. from lattice dynamical shell modes 2—19435
$Ba(NO_3)_2$, anharmonicity 2—19354
$Ba(NO_3)_2$, Cauchy relation derivations 2—32574
BaS, dynamic ion charge determ., i.r. spectra and static dielec. props. obs. 2—22396
$BaTIO_3$, (001) surface, LEED, temp. depend., 20—650°C 2—6321
$BaTiO_3$, ferroelec., Brillouin-Raman spectra, temp. depend., soft optic modes, phase transitions 2—16525
$BaTiO_3$, force constants, temp. depend. 2—16003
$Ba_3(XO_4)_2$, X=P, As, V, Cr, Mn, i.r. and Raman vibr. spectra, interpretation based on crystal structure 2—8586
Be, anharmonic props., Gruneisen parameters temp. depend. 2—19355
Be, lattice dynamics, freq. wave vector relations, phonon dispersion curves 2—40042
Be phonon dispersion curves 2—19356
BeF_2 vitreous, spatially active vibrational modes calc. using β-quartz models determ. from X-ray diffraction 2—22382
$BeSO_4.4H_2O$, Raman scatt. intensity of polaritons 2—16526
Be_2SiO_4, phenakite, anisotropy of thermal motion 2—9456
$Bi_{12}GeO_{20}$, Raman spectra obs. 2—40690
$Bi_{12}SiO_{20}$, Raman spectra obs. 2—40690
Bi_2Te_3, phonon density of states 2—32805
Bi_3TiNbO_9, structural basis of ferroelec. props. 2—25328
$Bi_4Ti_3O_{12}$, layer struct. ferroelec. 2—13316
$Bi_4Ti_3O_{12}$, structural basis of ferroelec. props. 2—25328
Bi_2WO_6, structural basis of ferroelec. props. 2—25328
C_3N_2O, mode assignment, Raman spectra at 77 K 2—29931
CO, librational motion in the α phase studied in harmonic approximation 2—9861
CO_2 quadrupole forces from quantum mechanical treatment 2—32789
$Ca_2BaSi_3O_9$, vibr. spectrum interpretation 2—36908
$CaCO_3$, calcite, mode Gruneisen parameters and thermal expansion 2—40027
$CaCO_3$, fundamental vibrational modes, far i.r. reflection spectra 2—19998
$CaCO_3$, optical phonon lifetimes 2—19360
CaF_2, anharmonic vibrs. X-ray study 2—25660
CaF_2, Gruneisen parameters, calc. from lattice dynamical shell model 2—19435
CaF_2, hydrogenated, deuterated, containing Pr, i.r. local mode spectra, vibronic splittings 2—10368
CaF_2, lanthanide ion doped, lattice resonant modes, low freq., far i.r. spectra 2—9858
CaF_2, localized vibrs. of paired ions 2—19113
CaF_2, neutron diffr. obs., analysis rel. to thermal vibs. of atoms 2—4043
CaF_2, phonon spectra, calc. 2—16004
CaF_2, Raman scatt. linewidth temp. depend. and anharmonicity 2—7078
CaF_2, vibronic spectra and electron-phonon coupling field 2—40026
CaO, dispersion relations curves, explained on basis of three body force model 2—36330
CaO, F^+ centre dynamics 2—29911
CaO, phonon dispersion 2—19359
CaO, phonon dispersion curves 2—19350
CaO, phonon dispersion relations 2—19396
$Ca(OH)_2$, vibrations, neutron scatt. study 2—4033
$Ca(OH)_2$ and $Ca(OD)_2$, Raman spectra, band assignments 2—26190
$Ca(OH)_2$ microcryst., fund. freqs., i.r. absorpt. obs. 2—16005
CaS, dynamic ion charge determ., i.r. spectra and static dielec. props. obs. 2—22396
Cd, X-ray scatt. obs., 88K 2—19363
$CdAs_2$, far i.r. reflctivity, classical non-interacting oscillator model applied 2—19999
$CdCl_2(Br_2)(I_2)$, Raman spectra, phonon frequencies 2—20064
$CdCr_2S_4$, $CdCr_2Se_4$, chalcogenide spinel, lattice dynamics and mag. ordering 2—32806
CdF_2, phonon dispersion curves 2—19362
CdS:Mn, high symmetry pts. in Brillouin Zone 2—19361
CdS, Brillouin scatt., acoustoelectric, anharmonic and resonance effects 2—26200
CdS, optical phonons bound to neutral acceptors 2—19992
CdS, reson. cancellation of Raman scatt. from lattice vibrs. 2—36897
CdTe:Fe^{2+}, phonon conductivity 2—40029
$Cd_{1-x}Zn_xS$, long wavelength phonon freq., conc. depend. Raman spectra 2—20065
Cl, lattice vibrs., mol. interactions model 2—36331
Co-H(D) solid solution, rel. to H and D, calc. 2—3961
$CoF_2.5HF.6H_2O$, internal motions, n.m.r. obs., 90-400K 2—40779
$CoSiF_6.6H_2O$, internal motions, n.m.r. obs., 90-400K 2—40780
Cr-N alloy, resonant mode, electron-phonon interaction and exchange enhanced scatt. effects 2—40127
Cr, vibration spectra, determination of specific heats and Debye temp. 2—22405
Cs halides, breathing shell model 2—16008
Cs halides, far-i.r. anharmonic self-energy of long wave phonons 2—19348

Crystals continued
lattice mechanics continued
CsBr, dispersion relations, three body force model 2—36332
CsBr, phonon dispersion curves 2—6654
CsBr, second order Raman freqs. in terms of phonon freqs. 2—29935
CsBr, shell-model dynamics, calc. of frequency distribs. and dispersion curves 2—29508
CsBr(I), far-i.r. absorpt. due to impurities, phonon density 2—19366
CsCl:K(Rb), i.r. lattice absorpt. breathing shell model 2—36875
CsCl, impurity induced Raman scatt., phonons 2—22410
CsCl, impurity modes and effective force consts. 2—25661
CsCl, struct. type, dispersion relations, three body force model 2—36332
CsCl shell-model dynamics, calc. of frequency distribs. and dispersion curves 2—29508
CsD_2AsO_4, ferroelectric phase transition, ^{133}Cs spin-lattice relax. temp. depend. obs. 2—6881
CsH_2AsO_4, EFG fluctuations, time dependence determ., polarization 2—29844
CsH_2AsO_4, paraelectric phase, proton-phonon coupling, Raman spectra 2—19364
CsH_2AsO_4, phonon-phonon and proton-phonon interactions 2—19352
CsI, shell-model dynamics, calc. of frequency distribs. and dispersion curves 2—29508
CsI, with impurity ions, rel. to i.r. absorpt. spectra calc. 2—40661
Cs_2SO_4, symmetry coordinates of Raman active lattice modes determ. from laser excited spectrum 2—36899
Cs_2UBr_6, phonon freqs. 2—16007
Cu-Al alloy, quasi-elastic force coeff. and anharmonic coeff., X-ray diffr. study 2—13024
Cu-H(D) solid solution, rel. to H and D, calc. 2—3961
Cu-Ni alloy, Debye temp., effect of lattice defects 2—19383
Cu, anharmonic contrib. to thermal expansion, high temp. 2—32845
Cu, atomic scattering factors determ. from thermal diffuse scattering meas. 2—29509
Cu, Debye temp., effect of lattice defects 2—19383
Cu, dispersion curves, vibr. spectra 2—32803
Cu, phonon dispersion and spectra, Debye temps., angular force effects 2—32807
Cu, phonon freq. distrib. functions determ. 2—13023
Cu, phonon freqs., model calcs. 2—32800
Cu, second- and third-order elastic consts., lattice theory 2—9632
Cu phthalocyanine, deformation potentials 2—4128
CuCl, phonon dispersion curves, rigid ion model calc. 2—9859
CuI, normal modes of vibrations, phonon dispersion curves at room temp. 2—36328
Cu_2O powder, i.r. region transmittivity, optical phonons obs. 2—36878
$CuSiF_6.6(4)H_2O$, internal motions, n.m.r. obs., 90-400K 2—40780
D, phonons and librons, random phase approx. 2—22399
D_2, eqn. of state, harmonic approx. 2—40032
D_2, ground state energy calc., mean square displacement of molecules and lattice constant by Nosanow's cluster expansion 2—19369
o-D_2, single cryst., rotational Raman scatt. obs. 2—26193
D_2, zero pt. vib. energy, self consistent calcs. 2—16010
D_2O-ice, phonon dispersion curves 2—19367
$DyAsO_4$, Jahn-Teller induced phase transition, Raman scatt. obs. 2—16534
$DyAsO_4$, phase transition 11.17K, Raman scatt. degenerate phonon line splitting 2—16535
$DyVO_4$, Jahn-Teller induced phase transition, Raman scatt. obs. 2—16534
$DyVO_4$, Jahn-Teller system, Raman theory 2—20066
$DyVO_4$, phase transition 13.8K, Raman scatt., degenerate phonon line splitting 2—16535
$DyVO_4$, Raman and i.r. reflection spectra, lattice vibrations and phase transition obs. 2—16533
$DyVO_4$, soft acoustic mode at cooperative Jahn Teller phase transition 2—25662
EuF_2, vibronic spectra and electron-phonon coupling field 2—40026
Fe-H(D) solid solution, rel. to H and D, calc. 2—3961
Fe, anharmonic contrib. to Mossbauer effect 2—40625
α-Fe, frequency/wave vector dispersion relations for normal modes of vibration 2—22384
Fe, Mossbauer energy shift temp. and pressure depend. for ^{57}Fe 2—36325
Fe_3Al, ordered and disordered, phonon dispersion relations 2—16016
GaAs:Al(P), implanted, i.r. localized vibr. mode absorpt. 2—13474
GaAs:Cu, impurity vibrs. of defect complexes 2—36316
GaAs:Si, implanted, localized vibr. mode absorpt. 2—40664
GaAs, amorphous, density of vibr. states, Raman spectra obs. 2—16541
GaAs, phonons, non-thermal, X-ray and neutron scatt. obs. 2—4034
GaAs, refl. wavelength depend., optical phonon-plasmon coupling, Vargas theory 2—36859
GaAs, rel. to temp. depend. of energy gap 2—13258
GaAs, relaxation of photoexcited hot electrons through capture by ionized donors via emission of LO phonons 2—4527
GaP:B, optical absorpt. by lattice and local vibrs. 2—1690
GaP:B, radiation damage centre, local mode absorpt. 2—29167
GaP:N, undulation spectra, rotational levels of shallow acceptor states 2—33304
GaP, localized vibr. modes of light impurities 2—13025
β-GaSe, layer compound, lattice vibrations, i.r. and Raman obs. 2—25663
$Gd_2(MoO_4)_3$, elastic props. at ferroelastic transition 2—16009
Ge-Si, alloy, Raman spectra, bond vibr. 2—20068
Ge, amorphous density of vibr. states, Raman spectra obs. 2—16541
Ge, bounds of three phonon U-resistances 2—32808
Ge, effects of therml vibrs. on channelling 2—40108
Ge, phonon density of states, 80K 2—32809
Ge, phonon dispersion curve, perturbation theory calc. 2—12692
Ge, Raman scatt. temp. depend., cryst. vibrs. anharmonic props. phonons. 2—16540
Ge diamondlike lattice, dynamics and vibrational spectra, valence force pot. calcs. 2—19357
Ge III, cryst. struct. stability, force constant study 2—22096
GeO_2, optical phonon freq., i.r. reflectance obs. 2—20002
H, phonons and librons, random phase approx. 2—22399
H_2, D_2, HD, hexagonal phase, Raman active-optical phonons 2—22397
H_2, D_2, solid, anharmonic one-libron spectrum 2—22398
H_2, eqn. of state, harmonic approx. 2—40032
H_2, eqn. of state, quantum theory 2—40030
H_2, eqn. of state, variational calc. 2—40031
H_2, ground state energy calc., mean square displacement of molecules and lattice constant by Nosanow's cluster expansion 2—19369

Crystals continued
lattice mechanics continued
H_2, h.c.p. and f.c.c., phonon density, libron states density 2—19397
H_2, quadrupole forces from quantum mechanical treatment 2—32789
p-H_2, single cryst., rotational Raman scatt. obs. 2—26193
H_2, solid, coupling constant interactions 2—19368
H_2, solid, phonon-libron coupling calc. 2—19370
H_2, solid and in solid soln., near i.r. absorp., phonon spectra 2—19371
H_2, zero pt. vib. energy, self consistent calcs. 2—16010
HCN, crystalline, absorption intensity of librational mode 2—10383
HD, single cryst., rotational Raman scatt. obs. 2—26193
He, h.c.p., anharmonicity, Bragg refls. in neutron and X-ray scatt. 2—16017
He, solid ground state energy and elastic constants computed 2—35814
^{3}He, b.c.c., dynamics, T-matrix method for short range correlations 2—9200
^{3}He and ^{4}He, eqn. of state, harmonic approx. 2—40032
^{4}He, b.c.c. solid, inelastic neutron- scattering, Debye-Waller factor, phonon interaction processes 2—35815
^{4}He, solid, sound velocity, phonon lifetime, stimulated Brillouin scatt. obs. 2—16585
HfC, phonon dispersion calc. 2—19373
HfC, phonon spectra and supercond. 2—19388
$HgCr_2Se_4$, semicond. spinel, i.r. reflection and transmission spectra 2—19374
HgI_2, phase transition, Raman scatt. and i.r. absorp. obs. 2—16543
HgO cinnabar, lattice vibrations studied with Raman laser and far i.r. techniques 2—32810
HgS, cinnabar, model calcs. 2—16011
HgTe, mean-square atomic displacements, temp. depend. 2—36317
Ho, lattice dynamics and elastic consts., Keating's approach 2—22401
I_2, single crystal and liquid phase, lattice absorp. 2—33266
In-Sn alloy, rel. to enthalpy of mixing anomalies 2—22342
$InBO_3$:Tb^{3+}, Ce^{3+}, calcite type cryst., luminesc., 4f-5d transitions, phonon sidebands 2—29962
β-In_2S_3, with spinel defect structure, lattice vibration spectra, normal coordinate analysis of far i.r. spectra 2—29917
n-InSb, optical phonon-electron scatt., rel. to frequency conversion of e.m. radiation 2—10050
InSb(II), comparison with isoelectronic Sn, ht. capacity obs. 80-100K 2—13043
K, lattice dynamics using pseudopotential approach 2—36318
K halides, far-i.r. anharmonic self-energy of long wave phonons 2—19348
KBH_4 and KBD_4, lattice vibrations, i.r. and Raman low temp. vibrational spectra 2—10384
$KBR_{1-x}I_x$ mixed cryst., Raman scatt. from phonons 2—40694
KBr:Li^+, lattice reson. in far i.r. h.p. obs. 2—6650
KBr:$SeO^{2-}{}_3$, $SeO^{2-}{}_4$, i.r. absorp. spectra 2—10387
KBr, U-centre induced Raman scatt. 2—36904
KBr(Cl), impurity-induced far-i.r. absorpt., phonon spectra 2—26168
KCN, disorder of CN^- ions in cubic phase, single crystal neutron diffraction study 2—32461
KCl:I, Ag, impurity induced Raman spectra 2—26194
KCl:Mn, central hyperfine splitting temp. depend., l.f. local mode obs. 2—10291
KCl:NH_4Cl, local torsional and translational modes 2—19399
KCl:NO_{2^-}, vibronic spectra, effect of impurities 2—16492
KCl:$SeO^{2-}{}_3$, $SeO^{2-}{}_4$, i.r. absorp. spectra 2—10387
KCl, calculation of thermal expansion and free energy from the deformation dipole model 2—16054
KH_2AsO_4, ferroelectric, proton-lattice interactions, dynamic susceptibility, Raman spectra 2—19377
KH_2AsO_4, internal vibrations of AsO_4 ions 2—40709
KH_2AsO_4, paraelectric phase, proton-phonon coupling, Raman spectra 2—19364
KH_2AsO_4 and KD_2AsO_4, proton-lattice coupled motion 2—19376
KH_2PO_4-type crystals, phase transitions, phonon spectra, Raman scatt. 2—16550
KH_2PO_4, dynamical model, quantum field theoretical treatment 2—19764
KH_2PO_4, ferroelec., soft modes, Raman spectra 2—16549
KH_2PO_4, ferroelec. phase transform., lattice modes 2—19398
KH_2PO_4, $KD_{2x}H_{2(1-x)}PO_4$, KH_2AsO_4, ferroelectric modes, Raman spectra 2—16551
KH_2PO_4, KD_2PO_4, soft optic and acoustic modes, light scatt. obs. 2—20072
KH_2PO_4, proton-phonon interactions 2—32811
KH_2PO_4, vibr. spectra 2—13490
KI, U-centre induced Raman scatt. 2—36904
$KMnF_3$, dispersion and damping of soft zone-boundary phonons 2—22409
$KMnF_3$, para- to antiferromag. transition, Raman spectra obs. 2—16548
KN_3, acoustic phonon modes 2—4035
$KNbO_3$, cubic ferroelectric, phase transition, neutron diffuse scatt. obs. 2—13318
$KTa_{0.63}Nb_{0.37}O_3$, cubic ferroelectric, soft phonon dispersion modes, neutron scatt. obs. 2—13029
$KTaO_3$, linear-displacement correls. neutron scatt. analysis 2—22408
Kr:Fe, absorpt. linewidth temp. depend., Debye temp. obs. 2—1694
Kr, doped, induced far-i.r. phonon spectra 2—19353
Kr, model cryst.. melting and rel. phenomena, mol. dynamical calcs., computer simulation 2—16015
Kr, solid, interpretation of recoil fractions of ^{83}Kr 9.3 keV transition 2—33226
Kr, three-body force model obs. 2—32812
Kr isotopic mixtures, derivation of intermolecular forces from vapour pressure data 2—35839
Kr solid, effect of zero point anharmonicity on the vibrational properties 2—4032
LHF_2, lattice dynamics, i.r., Raman and neutron studies 2—26169
$LaAl_2$, Laves phase compound, specific heat at low temp., Debye temp. and supercond. transition 2—19425
La_2S_3, lattice oscill., i.r. spectra, dielec. permittivity 2—40670
Li, positron annihilation, Fermi surface radii, lattice potential 2—19511
Li halides, Gruneisen parameter calc. 2—36319
Li screening, phonon dispersion curves, Gruneisen parameters, thermal expansion coeff. 2—40046
$LiBH_4$ and $LiBD_4$, lattice vibrations, i.r. and Raman spectra, 80K 2—10389
LiCl(F)(H), shell model calc. and three-body overlap forces 2—9860
LiF:Mn, localized modes, Raman scatt. 2—25668

Crystals continued
lattice mechanics continued
LiF, freq. spectrum temp. depend. 2—9895
LiF, i.r. reflectance, reliability of classical dispersion analysis 2—20003
LiF, thermal phonons interaction with dislocations 2—19461
$LuAl_2$, Laves phase compound, specific heat at low temp., Debye temp. 2—19425
LuBO :Tb^{3+}, Ce^{3+}, calcite type cryst., luminesc., 4f-5d transitions, phonon sidebands 2—29962
Mg, anharmonic props., Gruneisen parameters, temp. depend. 2—19355
Mg, normal-mode frequencies at 290K, meas. by slow neutron inelastic scatt. 2—6656
Mg_2Ge, thermal cond., two mode anal. 2—40093
MgO:Co^{2+}, lattice vibrs., Raman spectra, first order, impurity induced 2—16555
MgO:V^{2+}, Cr^{3+}, evidence for large amplitude localised vibrations from e.p.r. relaxation 2—30004
MgO, i.r. reflectance, reliability of classical dispersion analysis 2—20003
MgO, phonon dispersion curves 2—19350
MgO, small cryst., i.r. absorpt., anharmonicity and particle density effects 2—40033
MgO, small cryst., i.r. absorpt., lattice dynamical calc. 2—40034
MgO, thermal lattice vibrs., effect on rosette motion and string scatt. of electrons 2—29576
MgO, thermal vibration amplitude at 2100C, X-ray diffr. obs. 2—36320
MgO, vibrs. contrib. to absorpt. of electron wave fields 2—6440
MgO, with abnormal phonon distrib., i.r. refl. spectra 2—26142
Mg_2Pb, phonon dispersion 2—25664
Mg_2Si, thermal cond., two mode anal. 2—40093
$MgSiF_6.6H_2O$, ^{1}H and ^{19}F nuclear spin lattice relaxation study and internal rotations 2—10577
$MgSiF_6.6H_2O$, internal motions, n.m.r. obs., 90-400K 2—40780
Mg_2SiO_2, forsterite, vibr. modes, Raman spectra 2—22411
Mg_2Sn, thermal cond., two mode anal. 2—40093
$MgUO_4$, U-O lattice vibrations 2—40680
MgZn, phonon spectrum 2—16108
$MnSi_{1.73}$, lattice vibrations rel. to heat capacity obs. temp. range 50-500K 2—40074
$MnSiF_6.6H_2O$, internal motions, n.m.r. obs., 90-400K 2—40780
Mo, model calcs. 2—29234
α-N, lattice libration freq., temp. and vol. depend., n.q.r. obs., 4.2-35.1K 2—26315
α-N, librational amplitude 2—32467
N_2, librational motion in the α phase studied in harmonic approximation 2—9861
N_2, quadrupole forces from quantum mechanical treatment 2—32789
ND_4ReO_4, far i.r. and laser-excited Raman spectra, librational mode obs. 2—10411
NH_3, solid, freq. distrib. func., neutron scatt. obs. 2—36321
NH_3, solid, molecular and lattice vibrations, Raman obs. 2—19382
NH_3, solid, neutron scattering kernel 2—40038
$(NH_4)_2Cd_2(SO_4)_3$, ferroelec.- ferroelastic cryst., lattice vibr. modes rel. to phase transformation mechanism 2—16291
NH_4Cl and ND_4Cl, external vibrs., phonon density of states 2—6651
NH_4ClO_4, low temperature vibration bands 2—40675
$NH_4H_2AsO_4$, proton-lattice coupled motion 2—19376
$NH_4H_2PO_4$, ferroelectric modes Raman spectra, temp. depend. 2—16551
NH_4ReO_4, far i.r. and laser-excited Raman spectra, librational mode obs. 2—10411
$(NH_4)_2SO_4$, $(ND_4)_2SO_4$, Raman and i.r. freq. variations at ferroelectric T_c 2—22787
NH_4X, X-halide, effects of H bonding on i.r. spectra from vibr. study 2—10390
Na, Debye parameter and vibration amplitude from Bragg intensity data 2—9862
Na, f.c.c. and b.c.c. structure, de Launay and CGW models 2—19379
Na, phonon freqs. and lifetimes self consistent and perturbation theories 2—19380
Na, phonon meas., resolution effects 2—4036
$NaBH_4$ and $NaBD_4$, lattice vibrations, i.r. and Raman low temp. vibrational spectra 2—10384
NaBr:F-, impurity tunnelling, thermal and dielec. props. 2—33052
NaCl:Br, I, Li, impurity induced Raman spectra 2—26194
NaCl:Cu^+ lattice reson., even parity, anharmonic coupling, Raman scatt. obs. 2—16558
NaCl:Cu^+ Raman active resonance modes, overtones and anharmonicity 2—20076
NaCl thermal expansion, interpretations on the shell model 2—16056
$NaClO_3$, ferroelectric phase transition, relation to phonon structure 2—25930
$NaClO_3$, vibr. spectrum and dielec. behaviour, Raman obs. 2—33286
NaF, long-wavelength optic phonons, temp. depend. 2—40649
NaF, second order Raman spectrum analysis 2—16557
$NaHF_2$, lattice dynamics, i.r., Raman and neutron studies 2—26169
$NaNO_2$, force consts. of $NO_2{}^-$, temp. depend. 2—6652
$NaNO_2$, Raman spectra, two-phonon scatt., Curie pt. behaviour 2—6657
$NaNO_2$, temp.-depend. phonon struct. in Raman spectra 2—9866
$NaNO_{2(3)}$, anharmonicity 2—25665
$NaNO_3$, disordered phase, correl. field splitting of vibr. modes 2—19378
$NaNO_3$, neutron diffr. obs. 2—19381
$Na_2O.SiO_2$ glass, low lying vibrs., rel. to thermal props. 2—40075
α-Na_2UO_4, U-O lattice vibrations from i.r. absorption spectra 2—40680
Nb, frequency/wave vector dispersion relations for normal modes of vibration 2—22384
Nb, vibration spectra, determination of specific heats and Debye temp. 2—22405
Nb_3Sn, cubic phase, study of temp. dependence of optical modes, elastic constants 2—9863
Nd_2S_3, i.r. spectra, lattice oscillation, dielec. permittivity 2—40670
Ne, elastic force model calc. 2—6653
Ne, eqn. of state, harmonic approx. 2—40032
Ne, single cryst., Brillouin spectra, elastic constants detn. 2—16586
Ne solid, modified Morse pot., pot. energy curves, phonon dispersion curves 2—40047
Ni-H(D) solid solution, rel. to H(D) solubility calc. 2—3961
Ni, phonon freq. distrib. functions determ. 2—13023
Ni, second- and third-order elastic consts., lattice theory 2—9632
$NiCr_2O_4$. Jahn-Teller phase transition, X-ray crit. scatt. obs. 2—32777
$NiF_2.5HF.6H_2O$, internal motions, n.m.r. obs., 90-400K 2—40779
$NiSiF_6.6H_2O$, inrernal motions, n.m.r. obs., 90-400K 2—40780

Crystals continued
lattice mechanics continued
Pb particles, size and surface effects on specific heat 2—32949
$Pb(NO_3)_2$, anharmonicity 2—19354
$Pb(NO_3)_2$, Cauchy relation derivations 2—32574
$PbTiO_3$, Mossbauer effect, ferroelec. transition 2—36848
$PbZrO_3$ and $PbTi_{0.2}Zr_{0.8}O_3$, l.f. lattice mode and Brillouin zone boundary 2—4001
Pd-Ag-Au alloy system, thermal vibrs. 2—4074
Pd-H(D) solid solution, rel. to H and D, calc. 2—3961
Pd, vibration spectra, determination of specific heats and Debye temp. 2—22405
$PrAlO_3$, low temp. phase transition, Raman obs. 2—20077
$Pr_xNd_{1-x}AlO_3$ low temp. phase transition, Raman obs. 2—20077
Pr_2S_3, lattice oscill., i.r. spectra, dielec. permittivity 2—40670
Pt phthalocyanine, deformation potentials 2—4128
rare gas, Raman scatt. by mol. impurities 2—26187
Rb, halides, model calcs. 2—25666
RbCl, second order Raman freqs. in terms of phonon freqs. 2—29935
$RbClO_3$, phonon Raman spectrum and optical phonon damping 2—16563
$RbClO_3$ anisotropic crystals, polarized Raman obs. by immersion technique 2—26196
S_8, orthorhombic, phonon freqs. 2—19384
SbSI, anharmonicity along direction of ferroelectric. axis. 2—6666
SbSI, ferroelec. phase transition, long wavelength optical phonons, Raman spectra 2—16459
SbSI, ferroelectric phase transitions, soft mode coupling, critical Rayleigh scatt. 2—16012
SbSI ferroelectric semiconductor, Curie temp., soft modes, Raman scatt. obs. 2—16564
$ScBO_3:Tb^{3+}$, Ce^{3+}, calcite type cryst., luminesc., 4f-5d transitions, phonon sidebands 2—29962
Se, phonon dispersion curves, neutron inelastic scattering obs., non-bonded force model 2—4042
Si-Ge alloys, i.r. absorpt. of lattice and local modes 2—13483
Si-Ge alloys, localized vibr. modes of B-Li pairs 2—13482
Si, amorphous, density of vibr. states, Raman spectra obs. 2—16541
Si, anharmonicity and temp. depend. of forbidden (222) refl. 2—13028
Si, effects of thermal vibrs. on channelling 2—40108
Si, l.f. phonon scattering mechanization by acceptor holes rel. to u.s. attenuation 2—13037
Si, phonon dispersion curve, perturbation theory calc. 2—12692
Si, rel. to low temp. thermal expansion behaviour 2—19434
Si, thermal diffuse scatt. at Bragg refls., Mossbauer obs. 2—19402
Si, variable bond charge model 2—36335
Si, wedge shaped, neutron Pendellosung fringes 2—9429
Si diamondlike lattice, dynamics and vibrational spectra, valence force pot. calcs. 2—19357
Si III, cryst. struct. stability, force constant study 2—22096
SiH_4, vibrational spectra 2—33272
SiO_2, quartz, diffuse X-ray scatt., near α-β transition 2—4038
SiO_2 vitreous, optically active vibrational modes calc. using β-quartz models determ. from X-ray diffraction 2—22382
Sm_2S_3, i.r. spectra, lattice oscillation, dielec. permittivity 2—40670
β-Sn, Mossbauer recoilless fraction temp. variation 2—36326
β-Sn, optimum-model-potential obs. 2—32813
Sn diamondlike lattice, dynamics and vibrational spectra, valence force pot. calcs. 2—19357
$SrCl_2$, vibronic spectra and electron-phonon coupling field 2—40026
SrF_2, hydrogenated, deuterated, containing Pr, i.r. local mode spectra vibronic splittings 2—10368
SrF_2, neutron diffr. obs., analysis rel. to thermal vibs. of atoms 2—4043
$Sr_3Ge_3O_9$, vibr. spectrum interpretation 2—36908
$Sr_3Ge_3O_9$ and $Sr_3Si_{3-x}Ge_xO_9$, vibr. spectra, interpretation 2—36907
$Sr(NO_3)_2$, anharmonicity 2—19354
$Sr(NO_3)_2$, Cauchy relation derivations 2—32574
SrO, phonon dispersion curves 2—19350
$Sr(OH)_2$, $Sr(OD)_2$, vibration spectra, normal coordinate analysis of i.r. absorption spectra 2—40037
SrS, dynamic ion charge determ., i.r. spectra and static dielec. props. obs. 2—22396
$Sr_3Si_3O_9$ and $Sr_3Si_{3-x}Ge_xO_9$, vibr. spectra, interpretation 2—36907
$SrTiO_3$, cubic-tetragonal phase transition, soft modes, Raman scatt. obs. 2—16569
$SrTiO_3$, differential second order Raman spectroscopy 2—16568
$SrTiO_3$, displacive type transition, phonon freqs. 2_19305
$SrTiO_3$, force consts., temp. depend 2—16003
$SrTiO_3$, phase transitions, critical dynamics for $T \geqslant T_c$ 2—25932
$SrTiO_3$, u.s. attenuation and vel., temp. depend., 105 K transition, phonon modes 2—9879
$Sr_3(XO_4)_2$, X=P, As, V, Cr, Mn, i.r. and Raman vibr. spectra, interpretation based on crystal structure 2—8586
Ta, frequency/wave vector dispersion relations for normal modes of vibration 2—22384
Ta, vibration spectra, determination of specific heats and Debye temp. 2—22405
Ta, vibrational spectrum calc. on basis of lattice dynamical model of Sharma and Joshi 2—4039
TaC, phonon dispersion calc. 2—19373
TaC, phonon spectra and supercond. 2—19388
TaC_x, anomalous phonon spectrum, effect on supercond. 2—22509
Tb, lattice dynamics, SOE consts., calcs. using Keating's approach 2—19404
$TbVO_4$, Jahn-Teller induced phase transition, Raman scatt. obs. 2—16534
$TbVO_4$, Jahn-Teller system, Raman theory 2—20066
Te, acoustic mode freq., dispersion curve 2—13031
TeO_2, Raman spectra, phonon modes 2—40695
Ti-Mo alloys, phonon spectrum distortion on mech. deform. 2—6781
TiO_2, rutile, shell model 2—16013
Tl, phonon dispersion, 77 and 296K 2—36322
TlBr, dispersion relations, three body force model 2—36332
TlBr, second order Raman freqs. in terms of phonon freqs. 2—29935
TlBr, static dielec. const., isochoric temp. depend., anharmonic interactions 2—19403
V, phonon freq. distrib. functions determ. 2—13023
α-VH_x (x=0.198, 0.57), proton dynamics, quasielastic thermal neutron scatt. investigation of H diffusion 2—36073
VO_2, semiconductor- metal transition, Raman scatt. obs. 2—16571
W, frequency/wave vector dispersion relations for normal modes of vibration 2—22384

Crystals continued
lattice mechanics continued
W, temp. variation of recoilless fraction and thermal shift for ^{183}W 2—36327
Xe, single cryst., Brillouin spectra, elastic constants detn. 2—16586
Xe solid, effect of zero point anharmonicity on the vibrational properties 2—4032
Y, lattice dynamics and elastic consts., Keatings's approach 2—22401
YAl_2, Laves phase compound, specific heat at low temp. and Debye temp. 2—19425
Zn, anharmonic props., Gruneisen parameters temp. depend. 2—19355
Zn, phonon dispersion relations 2—32815
Zn, phonon dispersion relations and lattice specific heat calc. 2—19391
Zn, phonon freqs., 80K 2—1423
ZnS:Mn, high symmetry pts. in Brillouin zone 2—19361
ZnS, hexagonal, high press. Raman obs. 2—22781
$ZnSiF_6.6H_2O$, internal motions, n.m.r. obs., 90-400K 2—40780
Zr, phonon spectra 2—32816
orientation
backscattered ions, analysis of energy and angular distribution 2—15653
globe and cap method for orienting cubic crysts. using Laue photographs 2—25291
goniometer, three axis, for e.p.r. sample orientation 2—30967
goniometer for channeling exprts. 2—25283
goniometric head for electron microscope 2—39607
high-pressure spectroscopic obs., determ. of crystallographic axes in single crysts. 2—15683
kappa geometry diffractometer system 2—3651
metals, non-random distribution, cause of mechanical anisotropy 2—29255
polyethylene crystallites, obs. after confined growth crystallization 2—39445
polymers, in tensile testing 2—29292
precession camera, setting of crysts. 2—39597
semicrystalline polymer, rel. to spherulite deformation 2—18905
target, charged particle channelling 2—36378
Weissenberg goniometer design and use of integrating mechanism for producing one-dimensional spots 2—35964
X-ray quarter circle goniostat, motorized rotation about polar axis 2—15704
Al, and deform. effects on polygonization 2—39570
GaP, determ. from light refl. pole figures 2—39571
$NaNO_3$, effects on ^{23}Na nuclear quadrupole spin-lattice relax. 2_26084
Si substrate, effect on effective surface state of m.o.s. structures 2—25909
ZnO, ribbon cryst., whisker growth obs., X-rays, etching obs. 2—12693
polarons *see Crystal electron states/polarons*
twinning
alkali feldspar, exsolution, elastic stresses, perioidic twins, electron microscopy 2—25414
alloy, f.c.c., incoherent annealing twin boundary, elec. microscope obs. 2—9572
B2 structure, transform. twinning inhomogeneous shear model 2—13001
brass, annealing twins, form. mechanism 2—39889
α-brass, texture transition, orientations, neutron diffr. 2—19047
α-brass, twin boundary free energy-grain boundary free energy average ratio 2—32537
cubic superlattices, deform. twinning 2—32536
deformation, high strain rate, niobium single crystal 2—3884
diamond, carbonado-type, synthesis 2—18977
diamond, trigons, rel. to cracking 2—32645
domain boundary, dislocation multiribbon interaction, stacking fault energy 2—25394
elastic twinning, dislocation theory, effect of plastic deformation 2—25398
f.c.c. cryst., partial disclinations, twin termination 2—25392
goetzenite, structural interpret. 2—9463
graphite, eutectic flake, twin/tilt boundaries 2—9568
high-order twins in diamond-type crystals, orientation calc. 2—3570
identification using intensity statistics 2—3655
$L1_0$ superlattice, effect on particle size, calc. 2—3950
Laves phases, physical props. 2—9476
lunar samples, h.v. transmission electron microscopy 2—10999
metal, f.c.c., twinning-gliding dislocations interactions, deform. twins growth and struct. 2—15766
metal, f.c.c. and h.c.p., pair pot. calc. for twin energies 2—15747
metal, f.c.c. twin boundary energy, temp. coeff., stacking fault energy 2—32533
metallic, Baushinger effect on individual twins, phenomenological description 2—15840
organic solid-state reactions 2—35933
polyethylene, crystalline, geometry of deformation twinning and phase transformations 2—9355
polyethylene, high and low density, comparison of twinning produced by rolling and annealing 2—32320
semiconductor film, diamond and zincblende struct., probability calc. 2—39525
steel, cold-rolled, X-ray obs. 2—36040
steel, discontinuous twinning during essentially elastic compression, 4.2 K 2—39787
steel, stainless TRIP, mech. props. rel. to austenite formation temp. 2—12857
tetrahedrite, transgrowth twins form. 2—9354
twinned crysts., twins with superimposed reciprocal lattices, twinning parameter estimation 2—35962
wear tracks, asperities, electron microscopy 2—9720
Ag-Cd alloy, rel. to stress-induced martensite transform. 2—36271
Ag, disclination involving five twins 2—32517
Ag, electrolytic growth, effect of twin defects 2—25261
Ag_3Mg, long period ordered, plastic deformation, dislocation splitting, stacking faults 2—25501
Al, solidification by continuous casting, feathery grain formation 2—6644
B_4C, twin boundary energy, translation twin model, hyperstoichiometry 2—25403
$BaTiO_3$, rel. to parallel interference fringes 2—35980
$BaTiO_3$ solid solution ceramic, dielec. props. 2—16288
Be, microscale plastic flow by twinning and slip, twin-grain boundary interaction 2—12906
Bi, motion of non-coherent twin boundaries under repeated loadings 2—19107
$CaCo_3$, expansion of twin lamella, mechanism 2—9571
CdSe film, on CaF_2, refl. electron diffr. obs. 2—39500

Crystals continued
twinning continued
Co, evaporated film, calc. of radial distrib. functions for multiply-twinned particles 2—25197
Co_3O_4, formation and elementary grain substructure obs. 2—25330
Cr, on electrocrystallization from molten salts 2—3584
γ'-Cu-Al-Ni, alloy, martensitic, elastic twinning, stress effects 2—15769
Cu-Al-Ni alloy, γ'-phase, electron microscope obs. 2—36042
γ'-Cu-Al. alloy, martensitic, elastic twinning, stress effects 2—15769
Cu-Ge solid soln., dislocation struct. of deform. twins, Burgers vectors 2—29182
Cu-Ni alloy, effect on Debye temp. 2—19383
Cu, twin boundary free energy-grain boundary free energy average ratio 2—32537
Cu film, electroplated, X-ray diffr. obs. 2—22072
Cu single crystal electrodeposits, facets and twins, electron diffraction study 2—29015
CuAu, effect on particle size, calc. 2—3950
Fe-In alloy, Fe-rich, slowly cooled 2—39932
Fe-Mn alloy, shock loaded, deformation microstructure 2—9744
Fe-Ni-C alloy, martensites, morphology rel. to formation temp. 2—12775
Fe-Ni alloy, shock loading, hardness, dislocations, α-γ transformation 2—3867
Fe-Ni martensite, transform. induced substructs., X-ray and elec. microscope obs. 2—22358
Fe-(3.2 wt.%)SI alloy single crystals, influence of normal stress on critical resolved shear stress 2—22215
α-Fe, cleavage fracture initiation and propagation, twin intersection 2—12883
Fe, strain distrib. within and around deform. twin bands 2—29188
Fe_7S_8, pyrrhotite, defect struct., electron microscope obs. 2—22201
Fe—Ni alloy, martensite transform. twinning 2_9807
Fe—Ni—Mo(V)—C alloy, martensite transform. twinning 2—9807
Ge epitaxial film, microtwin conc. rel. to growth impurities 2—39513
InAs, deformed in torsion, coherent twin boundaries 2—19106
Mg-Cd alloy, role in plastic deform. 2—9679
Mg, role in plastic deform. 2—9679
MgIn, effect on particle size, calc. 2—3950
Mo-(35 at. %)Re alloy, slip patterns and deform. twins correl. 2—15765
Mo, rel. to strain-rate and temp. depend. of yield and flow 2—39790
NH_4NO_3IV, pseudosymmetry transformation 2—9353
Nb, rel. to strain-rate and temp. depend. of yield and flow 2—39790
Nb single crystal, deformation twinning, pre-strain effects 2—32538
Nb single crystal, high strain rate deformation 2—3884
Ni-Cr alloy, interfacial energy ratios, elec. microscope obs. 2—9573
Ni-(50 wt.%)Fe alloys, secondary recrystn. mechanism 2—39937
Ni-Mo alloy, rel. to ordering kinetics 2—36293
Ni, effect on Debye temp. 2—19383
Ni, electrodeposited film, contrib. of twinned crystallites to texture 2—1179
Ni, interfacial energy ratios, elec. microscope obs. 2—9573
Ni, procedure for obtaining single crystals in [111] orientation 2—3538
Ni, single crystal, mechanical twinning, compression 2—9665
Ni, tensional deformation, X-ray obs. 2—12862
Ni alloy, precipitation hardened, creep induced 2—9574
Ni_4Mo, antiparallel twins, FIM study 2—22216
Si, high order growth twins, orientation calc. 2—3570
TiNi, submicrotwinning 2—13002
VO_x morphology and substruct. of b.c.c. to b.c.t. transform. induced by impurities 2—15976
Zn, motion of non-coherent twin boundaries under repeated loadings 2—19107
Zr-Nb alloy, martensite phase 2—9827
whiskers
alkaline earth tungstates, flux growth forms 2—1212
metal, growth, obs. with electron microscope with heating device for temp. control 2—35972
Ag, electrocrystallization, dislocation mechanism 2—25215
Al_2O_3, corundum, plastic deform. mechanism 2—6545
Al_2O_3, growth kinetics 2—39537
B, β-rhombohedral, growth 2—1190
Cd, growth, from Cd films, electron microscope obs. 2—3552
CdS, pin-like, head, faces, growth mechanism 2—25216
CdS thin films, vacuum evaporated, investigated by electron microscope 2—12672
Fe-Ni, growth and structure 2—18950
Fe, domain configurations, Bloch walls and magnetization processes from d.c. to 200 kHz 2—36700
Fe, domain nucleation field, tensile stress effect 2—13392
Fe, ferromagnet, de Haas-van Alphen effect rel. to Fermi surface 2—25753
Fe, magnetiz. process and eddy currents 2—36711
Fe lattice distortion around edges, X-ray topographic obs. 2—18951
GaAs, coiled crystal growth, open tube chloride method 2—18981
GaP, growth and morphology 2—9294
Ge, growth by vapour-liquid-solid method, and morphology 2—39538
In, supercond., critical current temp. depend. 2—13160
β-SiC, form. and morphology 2—29050
α-SiC, La-stimulated high temp. growth 2—25217
SiC, neutron irrad. damage 2—39674
SiC, nucleation, growth and morphology, from SiO_2-C-H system 2—18952
SiC, ribbon-like, tensile strength, etching, surface defects 2—12673
Sn-Pb alloy, fluctuation effects in resistive transition 2—13179
Sn, fluctuation effects in resistive transition 2—13179
Sn, fluctuation effects on supercond. T_c 2—19597
Sn, supercond., critical current temp. depend. 2—13160
Sn, superconducting, resistive transition, McCumber-Halperin modification of the Langer-Ambegaokar theory 2—1491
Sn, third order elastic constants 2—19163
TiO_2, growth, influence of $SiCl_4$ in vapour phase reaction 2—29051
Zn, growth, role of dislocations 2—39471
Zn, growth, straightening of kinked ones by annealing, kinetics 2—1191
ZnO, growth mechanisms 2—12674
ZnO, ribbon cryst., orientation, whisker growth obs., X-ray etching obs. 2—12693
Curie temperature *see Ferroelectric materials; Ferroelectric phenomena; Magnetic properties of substances*
Curie-Weiss law *see Magnetic properties of substances/paramagnetic; Paramagnetism*

Curium
atom, electronic configuration and energy level calc. 2—21505
atom, K X-ray energies and intensities, binding energies 2—18302
atom, L X-rays, energies and intensities, associated with α-decay of ^{252}Cf 2—18306
atom, relative X-ray transition probs. to K-shell 2—21510
metallic state, metallurgical properties and electron structure 2—22323
superconductivity, model obs. 2—29639
Cm I, Cm II, emission spectra, electron configuration determination 2—21508

Curium compounds
$CmAlO_3$, self-radiation damage, ^{244}Cm α-decay 2—12993
CmO_x, oxygen dissoc. press. and phase behaviour 2—9217
CmO_x, self-radiation damage, ^{244}Cm α-decay 2—12993
Cm_2O_3, emission spectrographic det. of Am content 2—30109

Current, electrical
ammeter, electronic zero resist. type, with instantaneous null characts., for corrosion studies 2—17515
ammeters, rack mounted moving iron 2—23488
anode, in high vacuum system containing cold cathode with igniter 2—2367
in arc, wall stabilized SF_6, rel. to voltage gradient 2—24946
bipolar, between spherical electrodes, due to electron space charge compensation by ion counter-flow 2—24849
distribution in cylindrical antenna induced by electric field 2—5298
integrating Rogowski coil as megampere current monitor with nanosecond rise time 2—2321
Knudsen plasma Cs diode, oscillation mechanisms 2—21011
pulse meas., large, by use of manganin tubular shunts and magnetic pulse spectropolarimeter 2—27385
return current induced by a relativistic electron beam propagating into a neutral gas 2—12513
r.f., for electrodeless ring discharge in mag. field, dependence on electron density and mag. field 2—24851
semiconductor devices reverse current meas. apparatus using multivibrator 2—22574
in solar chromosphere, connected with proton flares 2—11131
standardization of ampere, n.m.r. method 2—5312
steady fields and currents, theory, book 2—11410
sunspots, unipolar, spatial distribution 2—11110
supply, 1 amp., stable to one part per million per hour 2—30975
transfer in arc cathode region, model based on continuous phase transition 2—24916

Current algebra
axial vector current, inconsistency in value of D/F ratio 2—38208
axial-vector-field current identity and broken chiral symmetry, massive pion constrained to be free field 2—21295
Bjorken asymptotic expansion for non-integer asymptotic powers application 2—11555
charge current commutator, equal time, delta function derivatives of arbitrary order 2—23773
chiral $SU_2\times SU_2$ test of Weinberg sum rules via $e^-\bar{\nu}$ hadron prod. 2—23794
chiral symmetry, conserved tensor currents and isovector photons, algebra of couplings 2—38212
classification of currents for finite- and infinite-component wave equations based on algebraic and convective nature 2—23747
closed linear algebra of currents and baryon interpolating fields 2—17791
commutators, nonforward matrix element behaviour near light cone 2—346
commutators for small time differences from equal time algebra and divergence conditions 2—31178
commutators in multipole anal. of low energy π photo and electroprod. 2—34680
commutators of conserved currents, local one-particle approx. 2—27699
covariant axial vector current and its divergence equation in spinor electrodynamics 2—21202
cross section calc., soft pion prod. in deep inelastic scattering 2—412
current conservation, photon scatt. by hypothetical scalar particles 2—17818
current-current interaction with droplet model calc. of high-energy proton-proton scattering 2—21305
dual-pion model satisfying current-algebra constraints 2—31281
e.m. current dimensions, dynamical significance rel. to electron positron annihilation 2—5504
equal time canonical current commutators calc., absence of noncanonical behaviour 2—14515
equal time commutators between spatial current components 2—14527
equal-time commutation relations, modification in presence of electromagnetism 2—23748
equal-time commutators, expansion of causal distributions used to study restrictions implied by locality 2—17798
equal-time commutators among generators for broken comformal and internal symmetries 2—14520
exotic currents, presence in the π photoproduction model 2—34678
field algebra weak interaction model, application to non leptonic hadron decays 2—27717
field theory, model of symmetry breaking divergences of vector and axial vector currents 2—17779
form factors and derivatives at t=0, small distances, sum rules 2—17775
Goldberger-Treiman relation, high-frequency contributions to radiative corrections 2—21213
hadron inclusive reactions, soft pion theorems and discontinuity formulas 2—31227
hadron interactions, local sum rules in rest frame 2—38267
Hamiltonians, expressed in terms of local currents 2—31168
hard pion, predictions of A_1 meson decay widths 2—17952
hard pion models, restrictions of unitarity and analyticity 2—34586
hypernuclei photoproduction cross section 2—18094
hyperons, nonleptonic decay, current current quark model 2—17977
interactions, time-space equal-time current commutators and scaling properties of current divergences 2—5494
isospin-factored, wave equations and saturation 2—8092
isostructure of electromagnetic and weak currents γ-, e-, ν-, $\bar{\nu}$- induced production reactions 2—34588
kaon nonleptonic decay investigation, satisfaction of relations 2—8157
Lagrangian field theory, normal-product quantization of currents 2—17778
Lie algebra, minimal bootstrap model study 2—14618

- **Current algebra** continued
  - Lie algebra generators of O(3,2), relationship between transition probs. and radial overlap for H 2—21538
  - Lie algebras, textbook 2—32
  - Low Energy Theorems derived for Compton-type scattering of combinations of strangeness non-changing vector and axial vector currents 2—21240
  - low-energy results in presence of electromagnetic interaction 2—31183
  - meson pole dominance principles, relationship 2—31177
  - neutral (V+A) schematic current, prediction of leptonic chirality 2—14522
  - nonleptonic hyperon decays, reformulation of current-algebra-PCAC method 2—34732
  - partial conservation of axial-vector current, vector dominance model, decoupling of $\pi\rho\omega$ 2—14643
  - PCAC, applic. to e^+e^- colliding beams 2—38242
  - PCAC, application to single particle distrib. in multiparticle prod. processes 2—5486
  - PCAC, inclusion of electromagnetism into perturbation theoretic approach 2—14525
  - PCAC, rel. to total cross section calc. for $ee\rightarrow ee+3\pi$ 2—21246
  - PCAC, rel. to unique determination of effective symmetry breaking Lagrangian for pseudoscalar mesons 2—2541
  - PCAC prediction of axial vector-matrix element, comparison with end-point energy of tritium β-spectrum 2—34587
  - pion electroproduction description, validity tested 2—11611
  - pion photoproduction, low energy, chiral transformation property of e.m. current 2—8169
  - realizations of Lie algebra from the canonical anticommutation relations 2—27038
  - S-matrix, conserved currents and symmetry transformations, investigations in Wightman field theory 2—8065
  - scaling behaviour 2—8090
  - Schwinger terms, correlation between these and energy density operator 2—17802
  - second class currents, exptl. investigation rel. to weak interaction theory 2—38216
  - second class currents, in nuclear β decay, mirror asymmetry and meson exchanges 2—2741
  - second class currents, model independent considerations and conclusions 2—31182
  - second class currents in SU(3) symmetry breaking 2—31185
  - singular equal time commutators, vacuum expectation value from subtracted spectral representations 2—14526
  - spinor field, chiral currents as field variables, semiclassical approach 2—21186
  - SU(3) Lorentz invariance algebraization of hadron vertex function 2—14584
  - sum rule calc. for $K^*\rightarrow K\pi$ and $K_a\rightarrow K^*\pi$ vertices 2—2570
  - sum rule for Σ term from Bjorken limit and mass dispersion relations 2—11565
  - sum rules for πN scattering used to evaluate π-- nucleus scattering lengths 2—14993
  - sum rules for cross sections of inclusive experiment 2—5513
  - Thirring model, internal symmetry, axial-vector currents anomalies 2—17777
  - time space equal time commutators and soft pion limit 2—14580
  - U(6)w density-charge commutation relations at infinite momentum, saturation 2—23774
  - unitarity, linear σ model 2—21210
  - weak interactions, strangeness conserving nonleptonic, isospin structure in presence of second-class and neutral currents 2—369
  - $\eta\rightarrow 3\pi$ decay description difficulties use of e.m. tadpoles to provide systematics for e.m. mass difference 2—38284
  - K decay, nonleptonic, $|\Delta I|=1/2$ rule 2—8156
  - $K\rightarrow\pi\mu(e)\nu$, low-energy theorem, current-algebra triangle approximation 2—17901
  - $K_l^o\rightarrow\mu^+\mu^-$, nonlocal weak current-current coupling 2—14632
  - $K_{l,s}^0\rightarrow\mu\mu$, CP violating neutral leptonic currents 2—34656
  - νN interactions, deep inelastic, study using conserved axial vector currents and current commutation relations 2—21241
  - π, electroproduction amplitude determ. 2—5535
  - πN scattering, current algebra model, S-wave and P-wave scatt. lengths, low energy 2—23857
  - π-$p\rightarrow\pi$-D_{13}^+, PCAC consistency condition and $\pi D_{13}D_{13}$ coupling constant 2—38302
  - $\pi\pi$ scattering, amplitude unitarization, current algebra beyond tree approx. 2—419
- **Curvature measurement** *see Mechanical measurement*
- **Cutting** *see Forming processes*
- **Cyanogen (C_2N_2)** *see Carbon compounds*
- **Cyclotron resonance**
  - Azbel-Kaner, experimental techniques 2—4144
  - diamagnetic, experimental techniques 2—4144
  - electron, cylindrical inductively-coupled h.f. discharge in low pressure Ar 2—39181
  - electron accelerator, head-tail instability, betatron and synchrotron oscillations 2—14840
  - e.m. wave propagation in afterglow plasma near electron cyclotron frequency 2—8944
  - ethane, ion-molecule reactions, ion cyclotron double resonance 2—40807
  - gyro-resonance absorption of plasma waves in the corona and the fine structure of solar radio bursts 2—11075
  - hot electron plasma confinement by electron cyclotron resonance wrapping in cusped magnetic field 2—18628
  - ion cyclotron resonance mass spectrometry, determ. of rate consts. of ion-molecule reactions 2—28165
  - ion cyclotron resonance spectrometry, digital computer techniques 2—26382
  - ion transit times in spectrometer 2—2915
  - ion-molecule reactions, new technique 2—30048
  - magnetic mirror, cyclotron-resonance heating, rel. to theory of stochastic acceleration of particles 2—30814
  - magnetoplasma interference effects 2—4138
  - mass spread effects on lineshape 2—13105
  - metal, acoustic reson., phase shift 2—32907
  - metal, Azbel'-Kaner resonance, retardation effects 2—13104
  - metal, h.f. study of electron- phonon interaction 2—16126
  - metal, rel. to e.m. wave propagation, non-local regime 2—16120
- **Cyclotron resonance** continued
  - metallic slab. Doppler shifted modes, rel. to harmonic oscillations in surface impedance 2—16118
  - modulation of scattered waves, optimal experimental conditions 2—35492
  - in Penning type ion source, X-ray emission spectrum 2—34336
  - plasma, asymptotic theory of electron motion in combined field, Krylov-Bogolioubov method 2—28563
  - plasma, heating, in nonuniform magnetic field, computer calc. 2—3193
  - plasma, ion cyclotron heating 2—18655
  - plasma, Tokamak TM-3, heating 2—39098
  - plasma in magnetic field, parametric excitation of cyclotron harmonic waves by high-frequency electric field 2—15493
  - plasma instabilities, mirror and fire hose, rel. to Larmor radius 2—15488
  - plasma oscillation excitation by electron beam 2—39191
  - Ramsauer gases, exact theoretical treatment of cyclotron echoes 2—18596
  - relativistic particle, in radiation pulses 2—243
  - saturation, phonon heating influence 2—1471
  - semiconductor, cyclotron echo 2—22477
  - semiconductor, far i.r., in intense pulsed mag. field, effective mass., meas. technique 2—25757
  - semiconductor, multiphoton intraband transitions, uniform mag. field, e.m. wave interaction 2—6828
  - semiconductor, Si, hole resonance 2—4146
  - semiconductor free carriers, magneto-optical obs. in i.r. region 2—36541
  - spectrometer, quantum mechanical description, noise analysis 2—14375
  - synchrotron and betatron instabilities of stored electron and positron beams 2—14839
  - Ag, acoustic reson., phase shift 2—32907
  - Ag, phase resonances in microwave transmission spectroscopy at 35 GHz 2—19527
  - AgBr, polaron cyclotron reson., temp. depend., energy depend. of cyclotron mass, 1.7-25K 2—22473
  - Cu, phase resonances in microwave transmission spectroscopy at 35 GHz 2—19527
  - Ga acoustic cyclotron resonance obs., effective masses determ. 2—16127
  - n-GaAs, far i.r., effective mass ratio, and electron-impurity scatt. time detn. 2—19528
  - Ge, absorption, crossed fields 2—1472
  - $H_2^++H_2$ and isotopic variations, reaction kinetics determ. 2—30048
  - He, electron energy distrib. function 2—39108
  - He plasma ions, plugging and heating of cusped plasma 2—39137
  - Hg, Azbel-Kaner reson., effective masses 2—4145
  - InSb, coupled cyclotron-plasmon-phonon modes for sample configs. ranging from Faraday to Voigt 2—22769
  - n-InSb, Doppler-shifted, u.s. generation and amplification mechanism 2—4050
  - n-InSb, laser induced, pulsed electric field modulated 2—9948
  - n-InSb, saturation of impurity cyclotron resonance, effects of intense i.r. radiation 2—32908
  - Mg, in field-normal geometry 2—19529
  - n-PbTe, phonon-cyclotron reson. in i.r. magnetoabsorpt. 2—40678
  - S_2F_2, ion cyclotron resonance spectrometry investigation of ion molecule reactions 2—22871
  - Sb, magnetoacoustic resonance rel. to Fermi surface 2—32877
  - Si, absorption, crossed fields 2—1472
  - Si, hole resonances, wave vector along direction of mag. induction 2—4146
  - SnO_2, density of states effective mass 2—4226
  - Te, absorpt. struct. in valence band 2—33002
  - Te, rel. to temp. depend. of microwave absorpt. 2—25844
  - TlCl, of photocarriers, circular polarization obs. 2—25752
  - W, Doppler-shifted acoustic cyclotron resonance obs. of Fermi surface 2—22478
- **Cyclotrons** *see Particle accelerators/cyclotrons*
- **Czochralski method** *see Crystals, growth*
- **D-layer** *see Ionosphere/D-region*
- **Damping**
  - *see also Internal friction*
  - additions for plates using constrained viscoelastic layers 2—34054
  - beam carrying moving masses, rel. to dynamic stability 2—34062
  - betatron oscillations, in weakly-focussing mag. field 2—34857
  - betatron oscillations, use of radial longitudinal accelerating field 2—18047
  - building struct., internal damping as sound propag. factor 2—34168
  - CERN PS, longitudinal instability 2—18042
  - circuit of pulsed n.m.r. single coil probe 2—2331
  - composite, polystyrene, dynamic mech. props. 2—36096
  - condensed matter, of plasma waves, calc. 2—32903
  - dynamic damping coefficient from flight test lateral rate data 2—28725
  - elastic bar, flexural vibrs. 2—30859
  - elastomer, dynamic mech. props., rel. to mol. packing 2—3840
  - electromechanical coupling due to charged dislocations 2—40363
  - electron cyclotron in plasma 2—12426
  - electron plasma waves, obs. of nonlinear decay by induced scattering on ion-waves 2—32086
  - electrostatic wave in positive column, self-excited, feedback control 2—18652
  - e.m. waves in weakly inhomogeneous media, effective dielectric tensor 2—20979
  - of ferromagnetic spin waves by conduction electrons 2—40739
  - frictional, effects on vibration of elastically supported beam 2—34076
  - infinite plate, elastic foundation and dynamic response 2—27210
  - ion acoustic waves in plasma 2—15486
  - ion free streaming waves 2—18653
  - ion oscillations in Ar plasma, by r.f. electric field 2—32089
  - jets of liquids in gases, of turbulence, inelasticity of collisions 2—24627
  - kinematically forced vibrs. 2—34091
  - Landau, effects of inhomogeneities in plasma density 2—12447
  - Landau, longitudinal plasma oscillations 2—24800
  - Landau, nonlinear, and longitudinal plasma wave growth in magnetic field 2—8977
  - Landau, of h.f. instability of finite press. plasma in presence of loss cone 2—21851
  - Landau, of nonlinear plasma wave 2—18651
  - Landau, plasma oscillations, second order, secularity free theory 2—24802
  - Landau and collisional, ion waves propagating in plasma 2—28624
  - Landau of electron oscillations in plasma, effects of Coulomb collisions 2—6093
  - large amplitude whistler, in plasma, computer simulation of collisionless damping 2—31980

Damping continued
linear-vibration system, local modification, procedure for determ. eigenvalues and eigenvectors 2—17362
liquid metal drop oscillations in non-conducting fluid by transverse magnetic field 2—949
liquids, coeff. obs. using oscillating toroidal crucible viscometer calc. of coeff. of viscosity 2—3380
nonlinear, of forced vibrs., stochastic approach 2—37726
nonlinear, random vibrations, applications to aircraft 2—34073
nonthermal equil. systems, fluctuation-dissipation theorems 2—17258
one-dimensional non-linear lattice model 2—27035
piezo-semiconductor resonator, suppression by drifting electron field 2—4287
plasma, Alfven waves, nonlinear Landau damping 2—1000
plasma, nonlinear Landau, of longitudinal waves in magnetic field, induced instabilities and scattering 2—8985
plasma, transition from amplitude oscillation to linear Landau damping, numerical investigation 2—39179
plasma dissipative trapped ion instability, conditions for stability in axisymmetric toroidal confinement systems 2—18678
plasma supraluminous waves 2—18612
plasma waves, large amplitude, diffusion effects 2—28631
polymer, dynamic mech. props., rel. to mol. packing 2—3840
pressure pulse propagation through relaxing gas 2—9015
prestressed concrete containment vessels, natural frequency and damping by dynamic analysis 2—15163
radiative, oscillatory modes in optically thin isothermal atmosphere 2—37412
reactor containment, determination of damping matrix in dynamic structural analysis 2—14249
seismic waves in tectonosphere, for rheology det. 2—30212
shock wave, in gas-liquid conditions 2—39319
solitary waves in rotating fluid 2—3179
string vibr. nonlinearities 2—34068
sunspots, magneto fluid mechanic turbulent damping theory 2—30626
surface waves in open resonators 2—27227
temperature fluctuation, near L.T.E. grey approx., time dependent radiative transfer 2—27111
temperature fluctuation, time dependent radiative transfer two level atom case, applic. to interstellar medium 2—23312
torsional vibrations in circular rods 2—37739
transverse oscillations intersecting storage rings 2—14895
vibration, sound frequency antivibrators, vibro-isolating properties 2—23347
viscoelastic cantilever, rel. to instability under follower load 2—34043
viscous, rapidly heated nuclear reactor fuel rods 2—15105
welded bodies, damping coeff. increase, obs. on soldered steel rods 2—29242
welded bodies, damping coeff. increase, theory 2—29241
wood structures, damping sources in material and joints 2—14241
wood structures, predictions of damping in nailed and glued joints 2—14242
Al and steel cantilever beams, attenuation, theory and reciprocal experiment 2—14237
Fe, strain amplitude dependent, function of grain size 2—3843
Fe alloys, magnetomech. damping, model obs. 2—26044
Hg surface waves, influence of spatially dependent electric fields on damping frequency 2—9062
Na plasma electron and ion waves in thermally ionized collisionless plasma 2—21841
Ni, applied stress effect on magnetomech. damping 2—33149
Ni, magnetomech. damping, plastic deform. effect 2—19890
Ni, microeddy current mag. damping 2—10215
Zn, dragging atom effects on dislocation damping 2—9562
Dark space *see Discharges, electric*
Data tables *see Collections of physical data; Tables, mathematical*
Dating *see Earth/age; Radioactive dating*
Daughter *see Nucleus; Radioactivity*
Dawn chorus *see Atmospherics; Ionosphere*
Dayglow *see Airglow*
de Haas-Shubnikov effect *see Magnetoresistance*
de Haas-van Alphen effect
see also Diamagnetism; Magnetic properties of substances/diamagnetic
alloy, dil., theory 2—9949
coherent state represent. and mag. breakdown 2—32910
dislocation strain distrib. function rel. to amplitude reduction 2—12767
Landau levels spin-splitting, exchange field contrib., rel. to Kondo effect 2—22479
metal, scattering processes at the Fermi surface 2—16097
metal, SCF approach in irreversible statistical mechanics framework 2—29609
noble metals, cond. electron scatt. obs. 2—16087
period anisotropy, rel. to conc. depend of warped Fermi surface 2—19509
phase transitions in magnetic fields, theory of nucleus formation 2—25773
Al-transition metal alloy, rel. to localized spin fluctuations 2—19822
Co, ferromagnetic, low freq. field modulation, Fermi surface investigation 2—25754
Co spheres, Fermi surface and mag. field seen by carriers 2—40157
Cr-Mn(V) dil. alloys, Fermi surface, ellipsoid models 2—1473
Cr-V-Mn alloys Fermi surface, hole ellipsoids 2—4117
Cu, influence of point defects 2—4147
Fe, Ferromagnetic, rel. to Fermi surface 2—25753
InBi, Fermi surface obs. 2—16107
InSb, u.s. attenuation, electron-phonon interaction 2—32838
Ir 2—32877
K, spin splitting of g-factor 2—36428
Lu, Fermi surface obs. 2—4148
ReO_3, Fermi surface obs. 2—4149
Sb_2Te_3 2—32877
Debye-Huckel theory *see Conductivity, electrical/liquids, electrolytic; Electrochemistry; Solutions*
Debye-Scherrer cameras *see Cameras; X-ray crystallography/apparatus*
Debye temperature
alkali halides, calc. by 4 high precision methods 2—19346
alkali halides, rel. to cohesive energy 2—29507
alkali metals, effective temperatures determ. based on Chevreau model 2—29503
Debye temperature continued
alloy, disordered binary substitutional, X-ray diffr. obs. 2—22422
alloys, calc. using Morse potential function 2—4062
anthracene, comparison of calc. methods 2—29511
AuZn, determ. from elastic consts. temp. depend. 2—3834
brass, charact. temp., ordering obs. 2—25595
rel. to bulk continuum model application to gas-solid scattering problems 2—32329
graphite, rel. to thermal expansion calc. 2—32846
h.v. electron microscopy critical voltage effect applics. 2—39611
metal, cubic, approx. method 2—32791
metal, h.c.p., calc. by modified axially symm. model 2—40049
metal, rel. to polymorphism 2—25323
metals, calc. using Morse potential function 2—4062
metals in normal and superconducting states, method of determ. 2—16032
noble metals, matrix element studies 2—32803
semiconductors, binary, cubic, from Lindemann's melting law 2—40048
superconducting degenerate semiconductors 2—19427
thermal and elastic temp. difference near 0 K 2—9849
transition metal carbides and nitrides 2—13182
transition metal solid solns., rel. to supercond. 2—40214
Ag, and phonon dispersion and spectra, angular force effects 2—32807
AgCl from modified shell model, comparison with expt. 2—40024
AgF, characteristic temp. computation from far i.r. transmission spectrum data 2—32802
Al, X-ray charact. temp. 2—9856
Au, and phonon dispersion and spectra, angular force effects 2—32807
$Ba(NO_3)_2$, anharmonicity obs. 2—19354
$CdGa_2S_4$, semiconductor, heat capacity 14-300K 2—25684
$CdIn_2S_4$, semiconductor, heat capacity, 14-300K 2—25684
$Cd_{1-x}Mg_xTe:Mn^{2+}$, from composition depend. of e.p.r. parameters 2—26261
Cr, determination from lattice vibration spectra 2—22405
Cu-Al alloys, α-phase 2—3833
Cu-Ni alloy, disordered binary substitutional, X-ray diffr. obs. 2—22422
Cu-Ni alloy, effect of lattice defects 2—19383
Cu, and phonon dispersion and spectra, angular force effects 2—32807
Cu, thermal and elastic temps., 0K 2—32843
EuO(S)(Se)(Te), calcs. from elastic consts. 2—32577
EuTe, antiferromag. 2—25673
GaSb, from temp. depend. of elastic constants, pulse echo obs. 2—19156
^{3}He, b.c.c., lattice dynamics, calculation using T-matrix method 2—9200
^{4}He monolayers, solid phase, 'melting' anomalies 2—32302
KBr and KCl-KBr solid solution 2—19375
KCl and KCl-KBr solid solution 2—19375
Kr, solid, absorpt. spectra obs. 2—1694
Kr, three-body force model obs. 2—32812
$LaAl_2$, Laves phase compound, low temp. specific heat, and supercond. transition 2—19425
$LaCl_3$, calc. from elastic constants, comparison with exptl. value 2—9888
$LuAl_2$, Laves phase compound, low temp. specific heat, and supercond. transition 2—19425
MgO, from X-ray diffr. obs. of thermal vibration amp. of 2100C 2—36320
Mg_2Pb, semiconductor, temp. range 5-300 K 2—4066
Mg_2Pb, temp. depend. 2—25664
NH_3, solid, rel. to specific heat from freq. distrib. func., neutron scatt. obs. 2—36321
Nb, determination from lattice vibration spectra 2—22405
Ne, solid, elastic force model calc. 2—6653
Ni, effect of lattice defects 2—19383
$Pb(NO_3)_2$, anharmonicity obs. 2—19354
Pd-Ag-Au alloy system 2—4074
Pd, determination from lattice vibration spectra 2—22405
RbBr(Cl)(I), low temp. limits 2—25685
RbF, elastic const. obs., 0K 2—32579
$Sr(NO_3)_2$, anharmonicity obs. 2—19354
Ta, determ. from specific heat calculated on the basis of lattice dynamical model of Sharma and Joshi 2—4039
Ta, determination from lattice vibration spectra 2—22405
YAl_2, Laves phase compound, low temp. specific heat 2—19425
YZn, determ. from elastic consts., temp. depend. 2—3834
Yb_2O_3, polycryst., from elastic constants by sonic resonance technique 2—12822
ZnS, from temp. variation of integrated intensities of X-ray Bragg reflections 2—22426
ZnTe, from temp. variation of integrated intensities of X-ray Bragg reflections 2—22426
Debye-Waller factors
alkali halide, rel. to single phonon X-ray scatt., eigenvector influence 2—9855
atom-metal scatt. 2—12635
B-values in high temp. limit, irrelevance of atomic masses 2—22381
cubic metals, temp. dependence, theroetical treatment 2—6649
graphite, anisotropy 2—9865
urea, calc. using molecular theory of lattice dynamics 2—22407
zincblende type cryst., mean square atomic displacements 2—19389
zincblende-type crysts. 2—25654
AgCl, B-values, interionic interaction model 2—22404
CdSb, anisotropy, X-ray diffr. study 2—16006
He, h.c.p., anharmonicity, Bragg refls. in neutron and X-ray scatt. 2—16017
^{4}He, b.c.c. solid and superfluid, inelastic neutron scattering 2—35815
HgSe, calc. 2—36333
K, X-ray diffr. obs. 2—1422
KCl, B-values, interionic interaction model 2—22404
$KCl_{1-x}Br_x$, mixed system, calc. by virtual cryst. model 2—36334
MgO, B-values, interionic interaction model 2—22404
MgO, from X-ray diffr. obs. of thermal vibration amp. of 2100C 2—36320
NaCl, B-values, interionic interaction model 2—22404
$SrCl_2$ powder, X-ray struct. factors, Debye-Waller coeffs., unit cell consts., at 80 and 300 K 2—32473
V_8C_7 2—29154
α-VH_x (x=0.198, 0.57), rel. to quasielastic thermal neutron scatt. investigation of H diffusion 2—36073
Decay periods *see Hyperons/decay; Kaons/decay; Mesons/decay; Pions/decay; Radioactivity/decay periods*
Decay schemes *see Hyperons/decay; Kaons/decay; Mesons/decay; Pions/decay; Radioactivity/decay schemes*

Decomposition
see also Chemical reactions
azomethane, ruby laser induced decomposition, cross section 2—26362
benzoyl peroxide on synthetic faujasite, chemiluminescence 2—13573
brucite, solid state reaction kinetics appl. 2—36253
carbides, shock wave effects 2—12841
ethyl-triethoxysilane, silica film preparation 2—1185
kaolinite, solid state reaction kinetics appl. 2—36253
ozone, photochemical dissociation with light of 3340 A, kinetics and mechanism 2—37050
silicate glass, diffusion control, crystallization, small angle X-ray scatt. 2—3453
silicides, shock wave effects 2—12841
solid soln., supersaturated, form of coherent precipitates 2—39911
solid solutions, supersaturated, thermodynamic models 2—3949
spinodal of supersaturated solid solutions, thermodynamic models 2—3949
steel, austenitic Cr-Ni with B additive, solid soln. decomp. 2—36240
steel, chromium, of martensite rel. to carbide formation during tempering 2—32727
steel, high-speed, austenite decomp. 2—36241
steel, martensitic, two-phase decomp., X-ray obs. 2—12967
steel, quenched, low-temp. tempered, martensite decomp. compressive stresses relax. 2—15899
transition metal borides, carbides and silicides, shock wave effects 2—12841
$2Al_2O_3.SiO_2$, mullite, thermodynamics 2—36252
Ag-23 at.%Ge alloy, metastable h.c.p. phase decomp., precip. 2—39978
Al-Cu alloy, Guinier-Preston zone, X-ray diffr. 2—9445
Al-Ge system, metastable phase 2—36296
Al-Zn, Al-Zn-M alloys, M=Be, Fe, Mn, Si, clustering and solute-vacancy interactions elec. resistivity obs. 2—32693
Al-Zn, alloy, during ageing, X-ray diffr. obs. 2—19263
Al-(15 at.%)Zn alloy, quenched, coherent phase separation kinetics, small angle X-ray scatt. 2—3980
Al-Zn alloy, second stage, diffuse effects, X-ray scatt. obs. 2—25588
Al-Zr solid soln., supersatured, fan-shaped precip. form. during decomposition 2—32719
Al reduction cells, decomposition voltage, influence of alumina content in bath 2—13584
Al_2O_3-Cr_2O_3 and Al_2O_3-Cr_2O_3-Fe_2O_3 systems, spinodal decomp. 2—29423
Al_2O_3-Cr_2O_3 and Al_2O_3-Cr_2O_3-Fe_2O_3 systems, spinodal decomp. 2—29424
Au-Ni, alloys, supercooled homogeneous, spinodal hypotheses and precipitation 2—29425
Au-Pt alloys, supercooled homogeneous, spinodal hypotheses and precipitations 2—29425
$BaCO_3$, solid state reaction kinetics appl. 2—36253
CaO-IrO_2-Ir system, phase relatives in air 2—25620
Co-Ni-Ti alloy, modulated structure 2—9467
Co-1.7 wt.% Be alloy, metastable struct. states in solid state decomp. 2—32450
Co-1 wt.% Be-7 wt.% Ta alloy, metastable struct. states in solid state decomp. 2—32450
Co-U-O system, $CoUO_4$ stability, $Co_3U_2O_8$ phase 2—15958
Co-W, supersaturated solid solution, thermomagnetic obs., Curie point 2—3986
$CoFe_2O_4$-Co_3O_4, kinetics of coarsening of modulated struct. in spinodal decomp. 2—40520
Cu-Ti alloy, coarsening kinetics 2—39922
$CuFe_5O_8$, eutectoid decomp. kinetics and mechanisms 2—15959
Fe-Cr-Ni-C-Si-Mn-P-Si-Nb, chill cast roll iron, isothermal austenite decomposition 2—3996
Fe-Mn nodule, high temp. sintering, Mossbauer effect, quadrupole splitting 2—26131
NaCl-AgCl solid solution, X-ray irrad. effects 2—36246
Ni-0.3wt.%C, alloy, neutron irradiated, metastable carbide formation 2—6618
Ni-(11.1, 13.8 at.%)Al alloy, precip., ageing 2—29403
PbO-B_2O_3-Al_2O_3 glass system, small angle X-ray scatt. obs. 2—3455
Ta_2C, eutectoid, at 1400°C, obs. 2—4005
$Th(WO_4)_2$, 1500-1700°C 2—36287
Ti alloy, metastable phase decomp., volume changes 2—36308
ZnO-B_2O_3 system, borate stability, temp. depend. 2—22368
Zr-(3 wt.%)Mo-(1 wt.%)Al alloy, thermal decomposition, Al effect 2—25640
thermal *see Chemical reactions*

Decoration techniques *see Crystal imperfections/dislocations; Crystals/etching*

Defects *see Crystal imperfections*

Deformation
see also Bending; Elastic deformation; Plastic deformation
axisymmetric, nonlinear, of edge loaded shells of revolution 2—139
beams, buckling, finite element solutions 2—27130
beams resting on long elastic supports, effect of loading through elastic layer 2—37677
α-brass, meas. of deformation by electrolytic sodium thiosulphate etch, detect. sensitivity 2—12852
buckling, nonuniformly heated cylindrical and conical shells, computer analysis 2—27135
buckling, static and dynamic, clamped shallow conical shells 2—6555
buckling, thin-walled beams, and post buckling behaviour 2—3860
buckling and gross, in nuclear reactors, design criteria from high temp. material properties 2—15110
buckling of a thin annular plate under uniform compression 2—27127
buckling of strip on rigid half space with transverse pressure 2—14168
buckling of thin plates for det. of elastic limit, comparison with pure flexure method 2—29252
Cauchy-Green tensor, inequality sets among principal invariants 2—27188
ceramic composite, porous and filled, finite element analysis 2—32597
cholesteric liquid crystals, periodic gridlike deformation in mag. and elec. fields 2—28793
clamped shallow spherical shells, buckling and postbuckling behaviour under axisymmetric ring loads, numerical study 2—34005
columns, buckling, finite element solutions 2—27130
composite beam, microstructure theory 2—34004
compressible isotropic elastic material, homogeneous deform. by surface tractions 2—27175

Deformation continued
coupled tubular structures, nuclear reactor fuel assembly, lateral deformations 2—15137
creep buckling of tubes under external pressure 2—14165
creep fuel element cladding, applic. of variational principles 2—14166
crystals, metallic, Baushinger effect on individual twins, phenomenological description 2—15840
cubic crystal, surface energy of deformation, continuum theory 2—19150
cubic crystal ions, gradient elastic tensor, quadrupole moments 2—7016
cubic crysts., strain dependence of static and h.f. dielec. consts. 2—36576
cubic superlattices, deform. twinning 2—32536
cyclic and fatigue behaviour of axial and flexural members, simulation and correlation 2—14159
cylinder, non-uniformly heated deformable infinite circular effect of diffusion on stress and stress deformation state 2—33988
cylindrical shell under axial concentrated load 2—5187
cylindrical shell under circumferential concentrated load 2—7739
cylindrical shells, with initial stress subjected to general three-dimensional surface loads, dynamic response 2—34061
disc shaped as a semi infinite strip connected with a semi plane, stretching 2—27138
disc shaped as plane with excised semi infinite strip, stretching 2—27139
disc shaped as semi plane with skew edge slit, stretching 2—27140
dislocation layers in classical elasticity, boundary value problems 2—37702
elastic rods, deformation energy 2—27180
ellipsoidal objects, modification by strain 2—27149
erythrocytes, in h.f. fields 2—7599
fibre-reinforced beams on slabs, small deflections 2—37688
fibre-reinforced materials, incompressible, plane deformations 2—132
films, photosensitive, electrostatics 2—22636
finite theory, application of stiffness matrix method 2—5182
flat plates, effects of eccentricity of load or compression on buckling and post buckling behaviour 2—27129
foil, strains due to nonuniform impurity distrib., theory 2—35877
folding of layered viscoelastic medium in compression, dynamic effect 2—34045
fronts, simple demonstration of pinning 2—29176
fuel particles, coated, use of mathematical model 2—21472
graphite, neutron irrad., dimens. changes 2—21471
graphite, nuclear, neutron irrad. above 1200°C, radiation damage, increased mech. lifetime 2—19152
heterogeneous solids, connection between unrestricted deformation and internal rotations 2—7737
high speed, Moire fringe three dimensional transient analysis 2—27187
light scattering instrument for recording 2—21162
liquid drop in external flow field 2—6189
liquid drops in high-speed gas flow, deformation and mass loss 2—1019
liquid metal fast breeder reactors, swelling application of finite element methods 2—15082
longitudinal, strain gauge for cylindrical samples 2—29349
metallic system, volume change meas. and characts. 2—3862
MHD of drop in non-reacting conducting fluid 2—12352
mild steel beam failure effects under low endurance fatigue 2—14187
noise meas. for fault detection 2—29160
nonlinear non-uniform torsion of thin-walled beams 2—27165
nonlinear thin-walled beam theory 2—27164
nonuniformity over cross section of cylindrical specimens 2—17337
nuclear fuel compacts, coated particle matrix type, neutron irrad., dimens. changes 2—21471
nuclear materials, irrad., swelling, quasi-chemical model 2—32489
nuclear reactor fuel elements, probabilistic viscoelastic models 2—21463
nuclear reactor pressure vessels, analysis of thermal and mechanical stresses 2—15147
nuclear reactor vessel, internal supporting flange, structural stresses and deformations 2—15046
orthotropic cylindrical shells, effect of rigidity on optimal temp. field profiles 2—5255
phthalocyanine crystals, band structure and deformation potentials 2—4128
plates, analysis of out of plane deformations by Moire method 2—33986
plates with initial deflections, large deflection analysis, finite element procedure 2—27126
polycrystalline metal, anisotropic, effect of stress strain properties 2—36102
polyethylene, crystalline, geometry of deformation twinning and phase transformations 2—9355
polymers, elastic, automatic recording of linear deformation and thermal stability 2—29351
polymethylmethacrylate, drawn, meas. of molecular orientation by broad line n.m.r. 2—10576
polypropylene film, two step biaxial stretching, orientation behaviour 2—25475
polystyrene, effect of crazing on low temp. dynamic mechanical damping peak 2—6518
radio reflectors, monitoring by laser system 2—2009
ring-stiffened cylinders, thermal buckling prediction, effect of ring out-of-plane bending stiffness 2—27134
rock, stable, near deep level tabular excavations 2—13614
in rotating perforated shells, stress analysis, applications to reactor pressure vessels 2—14176
salt-mica schist, folding experiment 2—7224
sheet metals, deformation constitutional diagram in axisymmetrical forming 2—6602
shells of revolution stress analysis, application to reactor primary vessels and containment shells 2—14174
cohesionless soil, rheological behaviour under dynamic loading 2—3886
solution, polyisobutylene in petroleum, stress effects 2—28806
spherical shell, loss of stability, external press effects 2—30843
steel, pre-loaded, deform. kinetics during extension 2—39784
steel, tensiometric investigation of hydrogenation 2—3948
steel structures, strain-hardening effects on load-deformation relations 2—29397
stress dislocations and conc. forces in a multilayered half-space 2—23322
stretching, apparatus for examining changes in surface microstructure in temp. range 4.2-300 K 2—39854
surface marking, resulting dislocations, electron microscope exam. 2—1250
surfaces, exo-emission testing 2—29778
thin cylindrical shell dueto axisymmetrical distrib of temp 2—27128

Deformation continued
thin-walled prismatic members, torsional-flexural behaviour 2—5181
thin-walled spherical shell in contact with rigid sphere, stress distribution 2—33993
twinning, transgranular stress corrosion, Mg-(8.6wt.%)Al 2—1309
twisting, transient response of a system 2—34013
viscoplastic rod, nonlinear, subjected to constant velocity impact, similarity solution 2—27190
wrinkling of non-bonded cladding 2—14168
Al-Mg-Si alloy, inverse Porterin-le Chatelier effect 2—32595
Al, effect of hydrostatic pressure on torsional deformation 2—3826
Al, impact loaded, deform. bands, secondary slip system 2—32621
Al_2O_3, swelling, radiation induced, impurity effects 2—12745
C, pyrolytic, neutron irrad., dimens. changes 2—21471
Cu, single crysts., cyclic, fatigue life, fatigue hardening work hardening, fracture 2—6568
Fe-Si crystallographic observation, deformed layers, cutting process 2—36223
Ge, ion irrad., expansion effects 2—22180
Li-Na-Si glass, partially crystallized, spontaneous deformation phenomena 2—12629
LiF(:Mg), work hardening, temp., glide vel., Mg conc. effects, Frank's theory 2—36208
MfC, deform. characts., rel. to chemical bonding, X-ray line broadening obs. 2—32493
Mg-8.6Al, transgranular stress corrosion, deformation twinning 2—1309
$Mg_xMn_yFe_{3-x-y}O_{4\|y}$, swelling during sintering 2—36258
Nb, cold deformed, dislocation rearrangement rel. to time and temp., 1273-1473K 2—36034
Ni, recrystallisation during hot deform., strain rate torsion tests, torque-twist curves 2—32699
Pd-20 at.%Si amorphous phase, time-depend mech. props. cryst. transform. 29264 2—29264
β-Pu, length change due to self- irradiation damage, 4K 2—19080
Si, ion irrad., expansion effects 2—22180
Ti:O film, cermet, elec. resist., temp. and strain effects 2—40184
UC-ZrC solid solns. cubic lattice parameter var. with temperature and composition 2—15733
UO_2, deform. in compression, slip planes, shear stresses, dislocation structs. 2—32527
WC, deform. characts., rel. to chemical bonding, X-ray line broadening obs. 2—32493
Zn, anisotropic length changes at supercond. T_c 2—19603
Zr notched bend specimens, comparison of finite element and experimental studies 2—9666
ZrH_x, fast neutron irrad. induced swelling 2—36014
ZrO_2, deform. characts., rel. to chemical bonding, X-ray line broadening obs. 2—32493
Delay lines, ultrasonic *see Acoustics; Ultrasonics*
Delbruck scattering *see Photons/scattering*
Demagnetization
see also Magnetization process
DPPH, effects on g-factor meas. 2—10463
ferromagnet, shock-induced demagnetiz., domain theory analysis 2—36706
ferromagnet, shock-induced demagnetiz., mag. grain interaction 2—33130
ferromagnets, multiaxial, demag. field rel. to magnetisation phenomena 2—19873
rock material, furnace for progressive method of thermal demagnetization 2—4756
rods in weak static mag. fields, coefficients calc. 2—27409
Fe-Ti oxides, rhombohedral thermal demagnetization curves obtained 2—4291
YIG, shock-induced demagnetiz., domain theory analysis 2—36706
YIG, shock-induced demagnetiz., mag. grain interaction 2—33130
Dember effect *see Photoelectromagnetic effects*
Demonstrations *see Teaching/demonstrations*
Dendrites
see also Crystal growth
alkaline earth tungstates, flux growth forms 2—1212
from glass surface, needle-like growth by electron beam bombardment 2—39437
growth from stagnant or flowing alloy melts 2—3582
morphology examination by holographic interferometry 2—15669
precipitate growth kinetics 2—19262
Ag, growth, electrolysis of $AgNO_3$ soln., rel. to current fluctuation 2—9295
Al-$CuAl_2$, eutectic system, morphological obs. of eutectic-dendrite breakdown 2—3439
Al and Al_2Cu, size determ. on form. in nearly eutectic alloy 2—39918
Bi, crystal growth kinetics and form in Bi-Sn alloys 2—3583
Cu-Zn alloy, precipitate growth kinetics 2—19262
Sn, kinetics of growth on free surface of supercooled melt 2—12675
ZnO, growth mechanisms 2—12674
Densification
cermet, compacting rolling, contact arc length determ. 2—39947
metal, shock compression, effects of electronic struct. 2—39769
metal powder, energy absorption during pressing 2—39955
periclase, effects on dielec. props. 2—16260
porous body, creep, during sintering 2—1344
powder, compaction and flow under constant press. 2—39957
powders, densification kinetics, sintering eqns. at const. rates of heating 2—32740
refractories, effect of dislocations 2—36260
transition metal oxides, powder, hot pressing, mech. props. 2—39954
Al_2O_3, H_2O, colloidal boehmite, shrinkage during dehydroxylation 2—12867
Al_2O_3, synergetic press. sintering 2—39875
$BaTiO_3$, Al_2O_3 additive effects 2—16284
CaF_2, macroscopic process and homogeneity in hot-pressing 2—32737
CaF_2, sintering mechanism, effect of additives 2—32741
Cu, powder, sintering kinetics, mass transport mechanism 2—22346
Cu, powder pressing, effect of press, and temp. 2—3972
Fe, powder pressing, effect of press. and temp. 2—3972
Fe, vacuum hot pressing, effect of u.s. waves 2—1347
GeTe, powder pressing, texture control 2—1379
MgO, with 1% LiF, packing kinetics, hot- pressing temp. effects 2—36209
Ni, powder pressing, effect of press. and temp. 2—3972
Ni, vacuum hot pressing, effect of u.s. waves 2—1347

Densification continued
PbTe, powder pressing, texture control 2—1379
$PbZrO_3$-$PbTiO_3$ ceramic, calcining temp. effects 2—39953
SiO_2, irradiation effects 2—19733
SnTe, powder pressing, texture control 2—1379
TiC-ZrC(NbC), high porosity complex carbides, sintering 2—39969
Densitometry
coherence effects and linearity demonstration in microdensitometry 2—38179
magnetic fluids applications in colloidal mixture form 2—24636
microdensitometry, linearity with partially coherent imaging 2—23740
mineral content of bone, determination using solution of $ZnCl_2$ in water 2—37444
photocell densitometer construction 2—5458
photographic dosimetry, applic. of radioisotope X-ray fluorescence spectrometry 2—330
single beam densitometer for gaseous electron diffraction 2—38878
X-ray diffraction photograph scanner, computer controlled 2—35965
X-ray film microdensitometer meas. of integrated reflexions 2—15702
X-ray powder photography, double scan method 2—19027
Density
bis-(4-n-alkoxybenzal)-1,4-phenylenediamines, liquid crystalline transitions 2—18798
critical liquid/saturated vapour equilibrium mixtures, temp. depend. 2—28950
plasma, deuterium inhomogeneous, evolution during interaction with laser beam 2—24675
plasma, effect of inhomogeneities on plasma-beam instability and Landau damping 2—12447
plasma, positive columns, effect of helical instability, calculational method 2—24673
quasars, evolution 2—33703
refractories, sintered, polycryst. props. rel. to monocryst. props. 2—22254
C, pyrolytic, neutron irrad., effect of annealing 2—3757
$Ca_{10}(PO_4)_6F_2$-$Ca_4Y_6(SiO_4)_6F_2$ solid solution, comp. depend. 2—36275
He plasma fireball produced by CO_2 laser 2—6091
^3He-^4He mixtures, pressure and density meas. along boiling and dew curves 2—22026
$TlGaS_2$, ternary semiconductor 2—29498
gases
aerodynamic flows, electron beam probe 2—9022
bromomethane, second density virial coeffs. 2—15535
chloroethane, second density virial coeffs. 2—15535
chlorofluoromethanes, second density virial coeffs. 2—15535
1,1-difluoroethylene, second density virial coeffs. 2—15535
dimethyl ether, second density virial coeffs. 2—15535
fluctuations, asymmetry, at critical point 2—1146
fluoroform, second density virial coeffs. 2—15535
polar gases, second density virial coeffs. 2—15535
trimethylamine, second density virial coeffs. 2—15535
turbulent jets, supersonic, schlieren obs. of fluctuations 2—18729
vapour pulses from arc discharge using ionization gauge with current stabilisation circuit 2—18719
He-4, 14-54K 2—21899
liquids
alkali molybdates and tungstates, molten 2—35844
bis(m-(m-phenoxy phenoxy)phenyl)ether, at pressures up to 300 MN/m^2 2—39307
chloroform-carbon tetrachloride system at 25° 2—25065
critical, determ. method 2—25154
di(2-ethylhexyl)phthalate, at pressures up to 1400 $MN/^2$ 2—39307
ethane mixtures, excess properties 2—15579
fluctuations, asymmetry, at critical point 2—1146
long chain alcohols, meas. in pure liquid state at varying temp. 2—39388
monatomic, density fluctuations 2—12551
polymer solutions, relation between refractive index and density increments rel. to polymer partial specific volume determination 2—39342
polystyrene in non-glassy liquid state, absolute density meas. 2—1072
relationship with sound velocity 2—35756
simple, liq.-vap. density transition 2—15631
thermohydrometers, tarring method for sensitivity determ. 2—9049
water, anomalous behaviour, lattice model 2—39329
water, volume mass, absolute value 2—23220
water at atmospheric pressure, 0° to 100°C, revision of USSR standard tables 2—3375
$AlCl_3$, fused, critical density 2—18873
Ar, liq.-vap. density transition 2—15631
Ar+Kr mixtures, excess properties 2—15579
B_2O_3, obs. at high temps. by hydrodynamic weighing 2—6217
Co-Mo, alloy, meas. by max. bubble pressure method 2—3374
Co-Ni, alloy, meas. by max. bubble pressure method 2—3374
Co-W, alloy, meas. by max. bubble pressure method 2—3374
Fe-Ni, alloy, meas. by max bubble pressure method 2—3374
Fe, anomalous change, 1600-1620°C, modified Archimedean bi-sinker obs. 2—28805
H_2, open-ended microwave cavity for obs. 2—27346
^3He-^4He mixtures, pressure-temp-density relations near liq.-vapour critical point 2—22025
Kr+Xe mixtures, excess properties 2—15579
Ni, modified Archimedean bi-sinker obs. 2—28805
solids
alloy, Cu_3As, prep. and props. 2—1409
alumina, high density, i.r. transmittance rel. to mat. characts. 2—33204
chromates, double salts 2—29134
Earth, inner core, models 2—40898
ethylene acrylic acid copolymer, effect of crystallinity 2—25163
ethylene vinyl acetate copolymer, effect of crystallinity 2—25163
granular, particle shape effect on angles of repose and bulk densities 2—25606
graphite, neutron irrad., effect of pitch-binder coke content 2—22175
graphite, pyrolytic, neutron irrad 250-470°C, change in density 2—19432
meteorites, stone, stone Fe, and Fe 2—30598
particle density determ. by air pycnometer 2—3858
polycrystalline aggregate effect of speed of crystal growth on densification 2—6399
polystyrene, hot-stretched, activation energy for retraction 2—12878
rare earth sequisulphide, pyknometry, spectra, X-ray obs. 2—40671
sprayed coatings on press-sintering 2—1339

Density continued
solids continued
steel, austenitic, change on phase transformation, det. of ε phase proportion 2—19293
steel, rel. to microcrack behaviour in plastic deform. and annealing 2—32584
sulphates, double salts 2—29134
Al_2O_3, sintered with vitrifying additives 2—36199
As_2S_x glass system, microstructure, comp. depend. 2—18900
Au-In solid solution, lattice parameters, solubility limit, thermal expansion, voids 2—19265
$BaTiO_3$:Nb, rel. to prep. of small and large grained materials 2—3968
C, pyrolytic, neutron irrad., effect on dimension changes 2—21471
CO_2 films condensed on cryogenic surfaces, interference technique 2—7039
CO_xWO_3, bronze, rel. to structure 2—32451
CaF_2:Al_2O_3, partial molar volumes, mixtures based in melted cryolite 2—4566
Cs_2O-M_2O-SiO_2 glass, (M=Li, Na), rel. to struct. 2—28975
Cu_3As, prep. and props. 2—1409
CuBr characterization 2—39581
$CuFeS_2$ single crystal, grown by modified Bridgman technique 2—25272
$CuFeS_{2-x}$, $Cu_{1-x}Fe_{1+x}S_{2-y}$, prep., structure and mag. suscept. 2—26062
Cu_3LnTe_3(Ln=Sm, Gd, Dy, Yb, Y) 2—36230
CuP_2, chemically deposited 2—29094
$Fe_{1-x}Ni_xAl$ solid solns., comp. depend. 2—39641
Ge-Se-Te glasses 2—35846
H_2O films condensed on cryogenic surfaces, interference technique 2—7039
LiF, X-irrad., density decrease rel. to F- and M-centre behaviour 2—19127
Mg alloy, cavity growth caused by flow, obs. 2—39788
$Ni_{1-x}Co_xFe_2O_4$, effect of prep. method 2—29829
Ni_xWO_3, bronze, rel. to structure 2—32451
$POCl_3$, determ. near freezing point from analysis of i.r. and Raman spectra 2—13491
$PbZrO_3$-$PbTiO_3$ ceramic, calcining temp. effects 2—39953
Rh_7B_3 and $RhB_{1.1}$, 20°C 2—1404
Se-Te alloy, amorphous, relax. effects 2—39772
Ti-O alloy, dil., determ. of comp. depend. from u.s. velocity meas. 2—15802
TiO_2, prep. by chem. transport reaction, rel. to stoichiometry 2—39584
W, rel. to temp. variation of recoilless fraction and thermal shift for ^{183}W 2—36327
$Zr_xAs_yO_z$, hydrostatic meas. 2—22169
$Zr_xAs_2S(Se)$, hydrostatic meas. 2—22168
ZrO_2, nonstoichiometric, thermogravimetric data, rel. to carrier conc. 2—29448

.**Density measurement**
alloys, sessile drop method, with alloying of drop during experiment 2—28814
atmosphere, accelerometer inflatable falling sphere, computed density accuracy 2—16869
in coaxial plasma accelerators, by neutral and charged particle beams 2—35550
colour film, visual eval. of density differences 2—34562
comparison method for small samples and buoyant force gradient method 2—17173
gamma backscatter density, gauge design. 2—27026
gases, electromagnetically operated balance 2—15535
liquid metals and alloys, review 2—39344
Mars, internal constitution, hypotheses to explain low density in light of new Mariner experiments and plantary radar 2—4975
mixed material components, gamma ray albedo 2—27029
Moon, relation with figure, gravitational potential and libration 2—13992
Quantimet 720D for densitometry in life sciences 2—5116
radiometric, error analysis for thin material sections 2—32661
radiometric, nuclear absorption measurement method and applications 2—37558
snow gauge, gamma ray attenuation, telemetered profiling 2—30284
television densitometer using filter and hold technique 2—23741
vapour pulses from arc discharge using ionization gauge with current stabilisation circuit 2—18719
B_2O_3 molten, at high temps. by hydrodynamic weighing 2—6217
H_2, gas-liquid mixture, open-ended microwave cavity of obs. 2—27346

Desorption
see also Sorption
cryogenic surfaces thermal release of H_2, D_2 and T 2—1193
electron impact desorption from metals, threshold energy and mechanisms 2—6361
electron impact induced. from gas covered surfaces, review 2—39543
electron impact induced, primary excitation process for metal systems irrad. by slow electrons 2—39567
electron impact induced, rel. to vacuum system metals 2—39544
gas-surface interactions, electron bombardment surface ion desorption obs. 2—29053
graphite, of oxide layer, effects on surface properties 2—9306
outgassing, meas. using quartz crystal microbalance 2—41413
photodesorption, experimental methods 2—29066
photodesorption from metals, threshold energy and mechanisms 2—6361
photon induced, primary excitation process for metal systems 2—39567
powder, of N_2, specific surface measurement 2—15938
silica gel, sorption-desorption hysteresis, cavity theory 2—35921
solid-liquid ^3He interface energy transfer by adsorption-desorption processes 2—32296
sulphide minerals, of xanthate, u.w. wave effects 2—29069
thermal release of H_2, D_2 and T from cryogenic surfaces 2—1193
water vapour on activated C, hysteresis, mathematical model 2—25229
zeolite surface, of carbonium ions, thermal ionization 2—6390
Ag powder, of O_2, microbalance obs. 2—35906
B_2O_3, vitreous, of gases rel. to diffusion 2—3819
Ba on W, mean residence times, as function of O_2 surface coverage 2—35904
CO_2 in sea water with bubble column 2—1194
Ca on W, mean residence times, as function of O_2 surface coverage 2—35904
CdS, photodesorption mechanism 2—12681
Fe, reduced catalyst, of N_2/H_2 mixtures 2—30061
α-Fe, thermal desorption of Na and K 2—32393
$^2H_2$ from Ni surfaces, speed distributions 2—6369

Desorption continued
He-Ne, mixture, field desorption and adsorption, desorption and adsorption rates, binding energy 2—6382
Mo, methane molecules, formed from C impurities 2—22861
Mo, of adsorbed F_2, Cl_2, Br_2, I_2, surface lifetimes 2—35915
Mo, of BaO films, temp. and degree of coverage depend. 2—6383
Nb, of Na and K, activation energies, mean adsorption lifetimes 2—6384
Nb, of oxygen, sticking probability and interaction kinetics 2—9308
Ni-P film surfaces, ellipsometric study 2—32370
Ni adsorption of H, and desorption, kinetics studied 2—6371
Ni surface, H_2 spatial distrib., comp. and orientation effect 2—25231
Ni(110), photodesorption of adsorbed CO 2—29066
O adsorption and desorption on Ni by electron impact 2—6373
Pt/H system, electron impact desorption, active site obs. 2—39562
Pt surface, of carbonium ions, field ionization 2—6390
Si, thermal desorption of H, CO and CO_2 2—9312
Sr on W, mean residence times, as function of O_2 surface coverage 2—35904
W, (211), of H_2, flash desorption spectra 2—6389
W, field desorpt. obs. of binding energies of transition metal and adatoms 2—29071
W, of O_2, electron desorpt. 2—35925
W, thermal desorption, H_2, O_2 and methane binding energy 2—25235
W, thermal desorption of N, kinetics 2—29056
W of residual gases, photon induced by synchrotron radiation 2—6387

Detonation
see also Exploding wires; Explosions; Shock waves
blast wave propagation in inhomogeneous atm. 2—10739
cells, criterion for minimum size 2—11365
chemical reaction delayed effects on trajectory of isolated triple point 2—11365
electrical conductivity in detonation zone for powder explosives and hexogene 2—27299
electroexplosive device, nondestructive testing 2—27289
geological phase transitions 2—7207
insensitive high explosive, by Q-switched ruby laser 2—7763
liquid explosives, heat transfer mechanism 2—27301
nitroglycerine powders, effective depth of light absorption required for ignition 2—27300
propagating front, self sustenance of transverse waves 2—11365
reaction zone-shock front coupling 2—11365
shock wave initiation in low density explosives 2—5252
unstable in shocked exothermic gaseous mixtures 2—39233
O_2-H_2, effect of cool boundary layers on ionization probe obs. 2—35534

Deuterium
adsorbed on NaCl and CsI, i.r. absorpt. spectra, 20K 2—36881
adsorption on Ni, study 2—6372
adsorption on W, kinetic isotope effect 2—12688
atomic mass, precision measurements at Osaka University 2—38843
atomic-beam halogen molecular beam collision study 2—13564
atoms, reactive scattering from Cl_2, Br, I_2, ICl and IBr 2—704
atoms, rearrangement collisions with H_2, London surface pseudocrossings and dynamical features 2—713
condensation, vap. press. meas., 1.6-5.2K, significance in astrophys. and vac. technol. 2—39430
diffraction and scattering from WC surface 2—25174
diffusion, in Nb, quantum theory 2—15790
diffusion, penetrability and solubility coefficients in metals 2—29229
diffusion in B_2O_3, desorption rates, diffusion coeffs., activation energies 2—3819
diffusion in Pd, comparison with rate for H 2—22236
emission continuum, oscillator strength 2—12143
enhanced absorption of incident laser energy and neutron production 2—12417
enrichment of water by electrolysis, cell design and mean current density calc. 2—26354
inhomogeneous plasma, hydrodynamic behaviour under heating by CO_2 laser 2—24675
interstellar abundance from H_2 and HD i.r. emissivities calc. 2—41141
ion-molecule reactions at high pressure 2—26333
i.r. absorption of interstitial atoms in Ar and Kr 2—33264
labile molecular negative ions, stimulated emission, 48 to 84 MHz 2—8637
laser pulse prod. in vacuum u.v. 2—14415
laser with premixed gases of He, SF_6, self pulsed high PRF to more than 100 kHz 2—23579
liquid, n.m.r., longitudinal relaxation times, molecular rotation 2—6249
liquid, spin-lattice relax. of (J=0) mols. 2—22718
maser, atomic, construction and theory, study of ground state hyperfine separation 2—21044
metastable atoms, singly stimulated two-photon emission, laser induced quenching 2—24393
molecule, collisions with He, total cross sections at low thermal velocities 2—3008
molecule, collisions with He, vibrational energy transfer 2—35381
molecule, collisions with Na, K, Rb, Cs, energy spectrum of released electrons, isotopic effect 2—12307
molecule, internally excited, collisions with Na atoms, Na D-line radiation excitation 2—35161
molecule, vibrational excitation and transfer, distorted wave calculation 2—38906
molecules, collisional excitation in collisions with H^+ 2—881
molecules, head-on collisions with K^+, K^+ energy loss meas. 2—679
molecules, neutron scatt. cross sections, cold and thermal, 173-373K 2—15327
neutron energy spectra and flux distributions for D-D reactions in plasma focus type z-pinch discharges 2—24718
photoelectron spectra, use of cylindrical-mirror analyzer 2—35293
plasma, confinement in open-ended magnetic well system, density and ion energy obs. 2—24756
plasma, electrodeless, generation in axisymmetric toroidal vessel 2—24699
plasma, enhancement of heating by addition of heavy impurities to target 2—18591
plasma, heating by fast magnetic compression 2—28546
plasma, heating by strong shock waves 2—28508
plasma, highly ionized with low internal mag. field, collision-dominated shock structure 2—35478
plasma, hot, high density, confinement and turbulent heating in magnetic trap 2—24747
plasma, in coaxial accelerator, filamentary structure of shock driving current sheath, turbulence 2—35514

Deuterium continued
plasma, laser beam produced, spectral investigation of reflected light 2—18645
plasma, laser focussing in conduction heating, spherical electron thermal wave 2—18592
plasma, production by focussing nanosecond laser on solid target 2—35555
plasma, X-ray continuum radiation from high temp. plasma 2—35499
plasma blob production from ice pellet freely falling within superconducting mag. bottle 2—15480
plasma prod. from coaxial accelerator 2—39155
scattering from W (110) surface 2—25176
solid, anharmonic one-libron spectrum 2—22398
solid, eqn. of state, harmonic approx. 2—40032
solid, ground state energy calc., mean square displacement of molecules and lattice constant by Nosanow's cluster expansion 2—19369
solid, h.c.p., nucl. spin-lattice and spin-spin relax. 2—10253
solid, hexagonal phase, Raman active optical phonons 2—22397
solid, laser irrad., thermonucl. plasma prod. 2—32052
solid, phonons and librons, random phase approx. 2—22399
solid, plasma production in keV temp. range using very high intensity laser radiation 2—24775
o- solid, rotational Raman scattering 2—26193
solid, spin-lattice relax. of (J=0) mols. 2—22718
solid, zero pt. vib. energy, self consistent calcs. 2—16010
solubility in f.c.c. metal, isotope effect, calc. 2—19260
solubility in Ni, Cu, Co, Fe, Pd, Al and Ag calc. 2—3961
target for neutron production for therapy and activation analysis 2—34755
thermal release from cryogenic surfaces 2—1193
D-T, laser channelled gas embedded z pinch, theoretical estimate of structure 2—18646
D^+, penetration depth depend. of angular dips in Si, backscatt. obs. 2—40111
D_2, absorption spectrum below 840 Å 2—12125
D_2, collisions with H^+, classical trajectory surface hopping approach 2—12302
D_2, mass and ion kinetic energy spectra 2—28296
D_2, metastable, lifetime of $c^3\Pi_u$ state 2—24471
p-D_2, phase transition, order-disorder transition 2—22362
D_2, reactive scattering of C^+, energy and angular distribution of ionic product CD^+ in range 3.47 to 8.48 eV 2—12008
D_2, rearrangement ionization reactions with high kinetic energy Ne metastables 2—12013
D_2, vacuum u.v. emission spectrum, vibr. and rot. consts. of ground and excited states 2—18419
D_2 beam, glory scattering by CH_4, N_2, O_2, NO, CO, CO_2, calc. using Lennard-Jones potential 2—3139
D_2 collision with H^+ determ. of angular and velocity distributions of various products as a function of collision energy 2—12032
D_2 collisional quenching of H(2S) in 0.5-2.5 keV collisions 2—12028
D_2 highly excited states formed by electron capture collisions of H_2^+ in H_2 gas, population determ. 2—38915
D_2^+, cross section meas. of collision induced dissociation and ion-molecular reactions 2—12308
D_2^+, photodissociation from 2472 to 13613 Å, cross sections 2—31801
D_3 mol., existence and lifetime 2—28287
D_3^+ in deuterium and hydrogen-deuterium mixtures, arrival time distributions in high-pressure mass spectroscopy 2—1003
$D^2+C^+\rightarrow D+CD^+$, energy and ang. distrib. of CD^+ meas. 2—10605
$D_2+F_2CO_2$ mixture, pulsed chem. high press. laser 2—37967
$D+H_2\rightarrow HD+H$, collisional reaction, differential reactive scattering cross section from molec. beam studies 2—28230
$D_2+{}^1/_2O_2\rightarrow D_2O$, oxid., on Pt surface, reaction mechanism and rate 2—10629
D_2+O_2 crossed beams, elastic scattering, determ. of intramolecular potential 2—3145
$(H,D)_3^+$ in hydrogen-deuterium mixtures, arrival time distributions in high-pressure mass spectroscopy 2—1003
$^2H/H$ ratio in the primitive Sun, astrophysical implications of a new value 2—14010
^2H-^3H and ^2H-^3He mirror reactors, multi-species Fokker-Planck calculations 2—28579
^2H-^3H fusion, laser triggered, maximum energy release calc. 2—6077
^2H-^3H plasma, combined cumulation and laser heating average value model description for cylindrical wave 2—24652
^2H-^3H plasma nuclear microfusion during laser heating process, methods for raising the energy recovery 2—24653
$Kr^++D_2\rightarrow KrD^++D$, ang. and vel. distrib. of product ions, kinematics 2—22864
Ne, u.v. lamps, design and emission characteristics 2—31131

Deuterium compounds *see Hydrogen compounds*

Deuterons
see also Cosmic rays/deuterons; Nuclear reactions and scattering due to/ deuterons
acceleration in bevatron 2—38415
channelling in Nb lattice, computer simulation 2—36385
channelling in Si, quantum effects 2—36387
energy dependence in primary solar reaction, proton burning 2—17047
quadrupole coupling strength meas. 2—8647
quadrupole moment calcs. 2—31800
α-quartz, axial and planar channelling 2—29579
spin alignment as a test for double scattering contributions in Glauber theory 2—14714
yield from 70 GeV p interaction obs. 2—5555

effects
LiF, F_2^+ centre evolution, absorp. and emission obs. 2—29201
LiF, room temp. coloration, F-centres, absorpt. spectra 2—25454
Pt, irrad., defect production and recovery 2—22194

interactions
with nuclei, spin-dependent, due to coupling to stripping channels 2—2797
$d\bar{p}\rightarrow N+$meson, spin effects 2—14627
$\gamma+\rightarrow\pi^-+p+p$, pp final state interactions, separable potential model 2—8199
γd, multipion photoproduction at energies up to 5 GeV, partial cross sections meas. 2—27749
$\gamma d\rightarrow\rho^0d$, 6 to 18 GeV, ρ^0 meson-nucleon cross section 2—14683
K-d, at 3.4 GeV/c, final states with visible $\bar{K}^0$ 2—21286
K^-d, 3.4 GeV/c, study of final states with Λ-hyperon, resonance production 2—23838

Deuterons continued
interactions continued
K^-d, at 4.5 GeV/c, final states with three charged particles and visible $\bar{K}^0$ production 2—8159
K^+d, 0.6 to 1.5 GeV/c, partial cross sections 2—23839
K^+d, 865-1585 MeV/c, determ. of partial cross sections, extraction of isospin 0 KN partial cross sections 2—405
$K^+d\rightarrow K^0\pi^+d$, 12 GeV/c, coherent reaction, cross sections 2—31272
$K^+d\rightarrow K^+\pi^+\pi^-d$, 12 GeV/c, coherent reaction, cross sections 2—31272
pd collisions, $\Lambda(\Sigma)$ production below $\bar{p}p\rightarrow\bar{\Lambda}\Lambda$ threshold, possible study of $\bar{Y}N$ annihilation 2—432
$P^+d\rightarrow pp$, non radiative absorption, 290 MeV/c, determ. total cross section and differential cross section 2—414
$pd\rightarrow{}^3He+$ missing mass, evidence for neutral boson of mass 953 MeV and narrow width from neutral meson spectrum 2—2542
$\bar{p}d\rightarrow\Lambda^0+$ anything at 1.09-2.90 GeV/c, double scattering effect and missing mass spectrum 2—34736
$pd\rightarrow d(p\pi^+\pi-)$, study at 28 GeV/c 2—34717
$pd\rightarrow pd\pi^+\pi^-$, 7 GeV/c, coherent production of final state 2—23883
π^- photoproduction, Glauber and symmetrization corrections to data from single arm spectrometer experiments 2—34677
π^- production in interactions of relativistic deuterons with nuclei 2—21288
π-$d\rightarrow nn\gamma$, soft-photon cross sections 2—38298
π^+d, 5.1 and 9 GeV/c, f^0 production and decay 2—31312
π^+d, structure in f^0-mass region 2—23872
$\pi^+d\rightarrow dA_3^+\rightarrow d\pi^+\pi^+\pi$-, 13 GeV/c, nonconservation of s-channel helicity 2—2554
$\pi^+d\rightarrow\gamma pp$, radiative absorption, 290 MeV/c, determ. total cross section and differential cross section 2—414
$\pi^+d\rightarrow p_sp\pi^+\pi^-$, structure in f^0 mass region 2—21297

photodisintegration
No entries

polarization
chanelling through monocrystalline Ni foil as polarization source 2—34363
in predeuterated 1-butanol target, at 50 O 2—14742
Si, low energy elastic scatt., tensor polarization and differential cross sections 2—18220

scattering
see also Protons and antiprotons/scattering, proton-deuteron
Coulomb field effects in multiple scattering expressions for hadron deuteron collisions 2—2580
nuclear emulsion, diffr. scatt. of 2.45 GeV/c deuterons 2—28064
total neutron cross section depletion due to Fermi motion 2—14702
dp, both polarized, spin correlation coefficients at 29 MeV 2—34743
dp, elastic, 3.6GeV/c, spin alignment of deuterons 2—11646
e^-d, inelastic, determ. of cross section for electroexcitation of $\Delta(1236)$ resonance on neutrons 2—435
$\nu d\rightarrow\mu$-pp, elastic scattering studied at moderate energies, effect of final state interactions and deuteron binding 2—14562
pd, backward scatt., with relativistic model of N and N* exchanges 2—8200
Pd, elastic, differential cross section and polarization meas. at 1.0 GeV/c 2—8204
pd, momentum loss spectra at 24.0 GeV/c, Glauber theory interpretation 2—34722
pd, real part amplitude at 3 GeV 2—38324
pd collisions, 15 to 30 GeV, nonelastic shadow corrections 2—14699
pd elastic at high energies, results from virtual pion exchange model compared with experiment 2—8203
pd elastic scattering, both polarized, 10 MeV, analysing powers A_{1111} 2—38332
pd high-energy elastic, deuteron spin alignment as test for double scattering contributions in Glauber theory 2—14714
pd momentum loss spectra, 24.0 GeV/c, rel. to estimates of elastic pn scattering cross sections 2—34721
πd, importance of off-energy-shell scatt. and Fermi motion 2—8170
πd, low energy Faddeev equations 2—38300
πd high-energy elastic, deuteron spin alignment as test for double scattering contribution in Glauber theory 2—14714
$\pi^+d\rightarrow\pi^0pp$, charge exchange, 290 MeV/c, determ. total cross section and differential cross section 2—414
$\pi^+d\rightarrow\pi^+d$, elastic, 290 MeV/c, determ. total cross section and differential cross section 2—414
$\pi^+d\rightarrow\pi^+pn$, inelastic, 290 MeV/c, determ. total cross section and differential cross section 2—414
Nd elastic scatt., cross-section, polarization formulas 2—38331
π^-d, backward elastic scattering, obs. of energy-dependent structure between 496 and 1050 MeV/c 2—11618

Development, photographic *see Photographic process/development*

Diamagnetic resonance *see Cyclotron resonance*

Diamagnetism
see also Cyclotron resonance; de Haas-van Alphen effect; Magnetic properties/diamagnetic
Bloch electrons, susceptibility 2—40412
exciton energy levels in Ge 2—32897
free electron gas, quantum size effects 2—13101
Landau, contrib. of metal boundary surfaces 2—25989
molecules, diagonal elements in diamag. susceptibility tensor, calculation method 2—35207
organic molecules, positronium quenching by carbonium ion 2—3065
phase transitions in magnetic fields, theory of nucleus formation 2—25773
pseudodiamagnetic suspension apparatus 2—27412
relaxation in time dependent magfield, linear response theory, harmonic oscillator assembly 2—29797
solvents, susceptibilities determ. from proton shifts in n.m.r. 2—6247
superconductor, fluctuation-induced diamagnetism, pair propagator approach 2—19568
superconductor, fluctuation-induced diamagnetism, paramag. effects 2—25778
superconductor, fluctuation-induced diamagnetism above T_c 2—19566
superconductor, layered, fluctuation-enhanced diamag., temp. depend. 2—19564
superconductor, quantum fluctuation induced diamagnetiz. 2—32929

Diamonds
adhesive contact to metals, rel. to heat source/heat sink contact props. 2—15950
artificial, growth kinetics and form. rel. to press. and temp. 2—35953
band structure, infinite lattice, semiempirical LCAO calc. 2—9932

Diamonds continued
band structure, theoretical and exptl. investigation, basic physical properties and industrial application 2—4115
carbonado-type, synthesis 2—18977
chemical reactions induced by heavy particle bombardment 2—20202
conduction, electrical, crystal orbital theory, teaching paper 2—1448
cracking, trigon-directed and trigon deflected 2—32645
crystal vibrations and valence force fields 2—29506
diffusion of charged impurities, correlation factor 2—29192
electrical resist., heavy neutron irrad. effect 2—36496
electro-optical effects, second-order 2—4436
electronic props. of point defects, extended Huckel method applic. 2—13084
electronic props. of point defects, extended Huckel method applic. 2—13085
electronic struct. and optical props. calc. using discrete variational method 2—1525
e.p.r. spectra rel. to opt. props., paramag. centres 2—26274
fluorescence band decay times for type-I under u.v. excitation 2—16618
graphite-diamond transformation, X-ray obs. of ballas type synthetic diamond 2—32760
inhomogeneous, impurity platelet distrib. and size 2—9588
i.r. spectra, absorption lines, bond vibrations 2—10366
large crystal growth from molten catalyst metal 2—22108
lattice dynamics and vibrational spectra, valence force pot. calcs. 2—19357
local effective fields calc., low frequency electronic dielec. const., umklapp effects 2—22745
luminescence, near i.r., rel. impurity states 2—13501
mean square displacement, bulk and surface atoms 2—22389
neutron-irradiated, e.s.r. spectra 2—40755
p-n junction form. by ion implantation of B and P 2—36045
phonon spectra, impurity induced one phonon absorpt. 2—20028
photoluminescence of type I and IIb samples 2—20091
powder mixture, reflection coefficient, comp. depend. 2—33207
semiconducting, thermoluminesc., phosphoresc. 2—26245
semiconducting, thermoluminesc. theory, kinetic eqns., recomb., trapping 2—26246
semiconductor-In sandwich as window-heat sink sandwich for optical expts. 2—20769
splat cooling substrate for eutectic alloys 2—18926
synthesis, nuclei generation, liquid metal catalysis 2—19001
synthetic, e.p.r. of ^{61}Ni, struct. impurity 2—13535
two-phonon i.r. spectrum, elec. field effect 2—20029
valence electronic structure from X-ray photoelectron spectroscopy 2—35225
X-ray diffr. meas., F_{222} obs., bonding electron density meas. 2—3702
X-ray photoelectron spectrum, valence band width, density of states 2—25978

Dichroism *see Pleochroism*

Dielectric constant *see Permittivity*

Dielectric devices
analog memory devices using ferroelec.-piezoelec. interactions for adaptive control voltage modules 2—40341
capacitor, electrolytic, with ethylene glycol, an ionogen and an alkanolamine phosphate, patent 2—13331
capacitor applic. of $SrTiO_3$ glass-ceramics 2—40358
electrolytic, self-depolarizing, capacitors, patent 2—4288
ferroelectric capacitor, noise and impedance meas. in d.c. field 2—33055
ferroelectric light value arrays for optical memories 2—40335
ferroelectric memory array, piezoelec. response 2—40362
ferroelectric-photoconductor memory, electrode requirements 2—40339
ferroelectric-photoconductor memory, equiv. cct. analysis 2—40337
ferroelectric-photoconductor optical storage medium 2—40349
ferroelectric-photoconductor storage device, thin film, design and performance 2—40336
interference filters, narrow band, stabilization of location of transmission band 2—31095
optical waveguides, glass fibres, birefringent props 2—17714
thermal properties, application of periodic temp. oscillations to high temp. studies 2—6675
waveguide, spectrum of symmetric waves 2—14326
Au-LiF-Au and Au-LiF-Al capacitors, preparation by vacuum evaporation 2—39494
ZnO-MgF_2 narrow-band optical filters, variation of characteristics as a function of temperature 2—27635

Dielectric loss *see Dielectric relaxation*

Dielectric measurement
constant, complex, quasioptical technique 2—23485
defects detection using radiodefectoscope in reflection regime 2—29373
electrostriction coefficients, measurements using method of induced induction e.m.f. 2—34277
h.f. meter using T-shaped bridge circuits for dielectric constants and loss angle tangent meas. 2—23482
liquid, low loss, dielec. const. and $\tan\delta$ meas. in V-band 2—28880
liquid, microwave frequency measurement over a wide temperature range 2—18844
loss angle tangent by waveguide resonance method, errors associated with coupling with transmission line 2—21004
loss tangent, 10^4-10^8 Hz, Tinsley's dielec. test set 2—5309
microwave complex permittivity, applic. to strongly polar liquids 2—21994
microwave properties of biological materials 2—26939
permittivity at microwave frequencies using open resonator 2—2323
permittivity of flat dielectric plate, reflection method, effect of distance between antennas 2—23483
polymer, resonator method for 10^{10}Hz, obs. in γ-irrad. field 2—29740
pyroelectric coeff., direct technique, applic. to response time detector 2—40365
relaxation curves, automatic recording 2—34282
short-circuited line technique, appl. to glass 2—29742
spectrometer, continuously recording 2—15645
standardization of methods for det. of dielectric constant and loss angle tangent 2—21005
thin liquid films, dielectric constant measurement method 2—9148

Dielectric phenomena
see also Dielectric relaxation; Electric strength; Paraelectric resonance
alkali halide, anomalous d.c. polariz. current due to surface effects 2—10107
anisotropic molecular crystals, local electric field 2—33044

Dielectric phenomena continued
bodies, with and without losses, characteristic modes 2—14297
charged dielectric, short circuit currents and motion of zero field planes 2—22610
Cherenkov radiation near dielectric boundary, effect of loss on emission spectrum and motion of electron 2—23519
correlation of dielectric const. with surface tension of various liquids 2—28815
e.m. pulse scattering with grounded dielectric slab 2—17477
half-space dielectric, quantization and density of states of electromagnetic waves 2—20971
hereditary media, mixed boundary-value problem, variational principles 2—34279
image potentials for multipoles embedded in a cavity, applications to surface tension of aqueous solutions of amino acids 2—21002
laser radiation damage to surface of transparent dielectrics, det. of various stages 2—29746
light scatt. by thermal fluctuations in crystals 2—16578
low-density bodies, backscattering of plane wave pulses 2—14317
magneto-electrets, perspex, dielectric behaviour 2—4286
mica, electron bombard., charge accumulation, path length 2—36587
paraffin, solidified in elec. and mag. fields, anisotropy, n.m.r. obs. 2—25939
perspex magneto-electrets, dielectric behaviour 2—4286
ponderomotive forces in two phase media 2—37870
sphere, low-density, plane wave pulse backscattering 2—14313
strongly absorbing solids, quantitative techniques in measuring and calculating i.r. props. 2—22721
surface polaritons and image charges at dielectric-vacuum interface 2—12640
surface potential decay due to injected carriers in presence of thermal carriers 2—16259
tetradecahedron model for elec. conductivity calcs. in two-component dielectrics, analysis 2—16258
Van der Waals forces calc. for dissipative media 2—12623
waveguide, dielectric slab as electrooptic modulator 2—294
waveguide propagation of laser beams in dielectric media with saturating non-linearity 2—31061
Al_2O_3, time dependent polarization 2—36584
SbSI, dielec. const. and relax., light intensity and temp. effects 2—33047
ferroelectric *see Ferroelectric phenomena*

Dielectric properties of substances
see also Dielectric relaxation; Electric strength; Paraelectric resonance; Permittivity
ageing study by fundamental functions 2—17511
t-butyl chloride, rel. to solid state phase transitions 2—36352
continuum physics, macroscopic descrip. of linear heterogeneous dielectric 2—16257
emulsion, theoretical models 2—32291
liquid crystal, nematic, cond.-induced alignment depend. on voltage above threshold 2—32231
effect of moisture, experimental study using analogue models 2—14358
photoconductivity, instrumentation and data reduction technique for obs. 2—19780
plasma, degenerate electron type, in mag. field, dielectric function at relativistic temps. 2—24687
plasma, system penetrated by helicon waves and effect on microinstabilities 2—35473
polar fluid, dielectric polarization and alignment, statistical mechanics 2—1106
polar fluids interaction between impurities and dielectric saturation 2—21721
polymers, thermodynamical treatment 2—6875
strength of insulators in vacuum 2—34287
SF_6, air, discharge characteristics, comparison 2—24898
gases
chlorofluoromethanes, second dielectric virial coeffs. 2—15536
chlorofluoromethanes, total electric polarization 2—15543
1,1-difluoroethylene, second dielectric virial coeffs. 2—15536
1,1-difluoroethylene, total electric polarization 2—15543
dimethyl ether, second dielectric virial coeffs. 2—15536
dimethyl ether, total electric polarization 2—15543
dimethyl ether+other polar gases, second dielectric virial coeffs. 2—15537
ethyl chloride, total electric polarization 2—15543
fluoroform, second dielectric virial coeffs. 2—15536
fluoroform, total electric polarization 2—15543
methyl bromide, total electric polarization 2—15543
methyl chloride, second dielectric virial coeffs. 2—15536
methyl chloride, total electric polarization 2—15543
methyl fluoride+other polar gases, second dielectric virial coeffs. 2—15537
perfluorocyclobutane and perfluorobutene, breakdown strength rel. to mol. struct 2—35588
polar gas mixtures, second dielectric virial coeffs. 2—15537
polar gases, second dielectric virial coeffs. 2—15536
polar gases, total electric polarizations 2—15543
triethylamine, total electric polarization 2—15543
BCl_3, total electric polarization 2—15543
NH_3, total electric polarization 2—15543
liquids and solutions
acetone, dielectrophoretic force under action of nonuniform electric field 2—15600
acetone, permittivity, Deybe dispersion, l.f. meas. 2—9151
acetonitrile-CCl_4, dipole moments calculation 2—39376
9-acetyl anthracene, in benzene, dielectric relaxation times from microwave obs. meas. of loss and constant 2—28342
acridan in benzene, dielectric relaxation times from microwave obs. meas. of loss and constant 2—28342
acyl-pyrroles, electric dipole moments in solution 2—39380
alcohol-alkyl halide mixtures, dielectric losses in 50 Hz to 5 MHz range 2—9152
alcohol-water mixtures, permittivity, temp. coeff., continuous analysis applic. 2—9153
alcohols, normal aliphatic, dissolved in CCl_4, complex dielectric constant and domains of concentration 2—39381
alcohols in benzene solution, dielectric relaxation and microwave absorption 2—3400
ϵ-aminocaproic acid aqueous solns., Debye effect, conc. and temp. depend. 2—21996

Dielectric properties of substances continued
- **liquids and solutions** continued
  - aqueous solutions, relaxation studied by new methods of complex permittivity up to 13 GHz 2—9150
  - attenuation factor det. using method of variable thicknesses and waveguides 2—35775
  - benzaldehydes in benzene, substituted, dielectric relaxation times in 3 cm microwave region at 20°C 2—39383
  - benzene, high field strengths influence on current 2—25100
  - benzene, monosubstituted derivatives, relaxation at microwave frequencies 2—35779
  - benzonitrile-heptane, dipole moments calculation 2—39376
  - breakdown meas., environmental factors, statistical effects 2—3399
  - butyl alcohols, self association study using dielectric constant measurements 2—21956
  - t-butyl chloride, liquid, molecular rotation 2—18843
  - n-cetyl alcohol and its solutions, permittivity near f.p. 2—3443
  - chlorobenzene, dipolar behaviour up to critical point, far i.r. absorption, rotational velocity 2—39368
  - chloroform, dipolar behaviour up to critical point, i.r. absorption and rotational velocity 2—39368
  - constant meas., differential method for solutions having large losses in millimetre range 2—28882
  - correlation with surface tension 2—28815
  - current flow modification by EHD phenomena 2—3398
  - cyclohexane, ionization cond., temp. and elec. field depend. 2—7188
  - d.c. conduction regimes, in liquid dielectrics 2—32275
  - n-decanol, self association study using dielectric constant measurements 2—21956
  - α,ω-dibromoalkanes in benzene solutions, dielectric relaxation 2—1109
  - dielectric siphons, simple laminar flow model 2—25097
  - dielectrophoretic force under action of nonuniform electric field 2—15600
  - dimethylsulphoxide, microwave complex permittivity detn. 2—21994
  - dipole moments, calculation method 2—39376
  - distilled water electrical stability under action of powerful high voltage impulses 2—21995
  - egg yolk lecithin in hexane soln. high field permittivity meas. 2—28885
  - EHD stability criterion, exptl. consequences 2—32273
  - electric climbing of dielectric liquids, dielectrophoresis 2—39379
  - electro-fluid, rel. to Winslow effect 2—28883
  - ethanol, relaxation studied by new methods of complex permittivity up to 13 GHz 2—9150
  - fluorobenzene, dipolar behaviour up to critical point, far i.r. absorption, rotational velocity 2—39368
  - fused salts, polarizability rel. to complex ion structure 2—39378
  - haloalkane solutions, effect of solvent viscosity 2—18846
  - hydrogen-bonded complexes containing solvents, permittivity obs. 2—8555
  - ionization, γ-ray irrad., average energy per ion pair, W-value 2—28894
  - liquid crystal, orientated nematic, electric field induced deformations 2—28884
  - liquid insulants, negative charge carrier mobility meas. 2—32272
  - long chain alcohols, dipole moment meas. in pure liquid state at varying temp. 2—39388
  - low loss, dielec. const. and tan δ meas. in V-band 2—28880
  - microwave frequency measurement over a wide temperature range 2—18844
  - mixtures of two organic liquids, dielectric constants 2—25098
  - nematic liquid crystals, with strong positive dielectric anisotropy 2—15599
  - nematic MBBA, dielectric relax. 2—25103
  - nitromethane-CCl_4, dipole moments calculation 2—39376
  - non-polar liquid mixtures, submillimetre absorption 2—1107
  - nylon- water suspension, loss in microwave x-band 2—9189
  - $\alpha,\alpha,\alpha',\alpha'$,2,3,5,6-octachloro-p-xylene in benzene, dielectric relaxation times from microwave obs. meas. of loss and constant 2—28342
  - n- octanol in heptane solns., dielectric const. and dielectric loss meas. from microwave relaxation 2—6241
  - octylamines, dielectric relaxation in cyclohexane solution 2—35780
  - phenyl propanols, isomeric, dielec. const. and loss rel. to temp. 2—28886
  - polar liq., thermal variation of Cole-Cole distrib. parameter 2—9145
  - polar liquid, induced dielectric alignment, n.m.r. obs. 2—9149
  - polar liquid nixtures, near critical pt., theory of frequecy dependent dielectric behaviour 2—9147
  - polar solutes in various solvents, effective dielec. consts. and n.m.r. proton shifts 2—28895
  - poly-L-lysine and salts in aqueous solution 2—25101
  - proline in aqueous soln., Debye effect at microwave freqs. 2—3402
  - relaxation of rigid molecules in supercooled decalin, 50 Hz-100 kHz 2—35776
  - retinal and rhodopsin solutions, capacitance before and after visible light absorp. 2—37508
  - rigid dipole liquids, statistical approach to Onsager and Kirkwood theory 2—6239
  - sodium carboxymethyl cellulose, loss factor of aqueous solutions 2—39394
  - transformer oil, electrical stability under action of powerful high voltage impulses 2—21995
  - tri (n-butyl) ammonium picrate and diode, in polar solvents, permittivity and loss 2—1110
  - vegetable oils, variation of properties in liquid-solid transition phase 2—28881
  - water, microwave complex permittivity detn. 2—21994
  - H_2O, relaxation studied by new methods of complex permittivity up to 13 GHz 2—9150
  - $MnCl_2.4H_2O$ in DMF and DMA solutions 2—39391
  - Na-NH_3 solution, permittivity, electron states determ. 2—12573
  - transition metal nitrates, ethanol solutions, permittivity and loss factors at 28°C and 3.14cm wavelength 2—35778
- **solids**
  - alkali halide, dielec. const., elastic const. 2—32877
  - alkali halide, optical dielectric breakdown, laser induced 2—13428
  - alloy semiconductors, dielectric measurements in microwave frequency region 2—4262
  - alumina, hydrous film, effect of H_3BO_3 2—9265
  - alumina, hydrous film 2—9264
  - alumina-phosphate coating, electrical insulating and other properties 2—13300
  - amorphous film, dielec. polarization current, space charge contrib. 2—4271
  - anodic oxide films, review 2—19745

Dielectric properties of substances continued
- **solids** continued
  - biological materials, microwave measurements 2—26939
  - butyl rubber, additive effects on dielectric loss 2—22609
  - conductivity, on exposure to radiation 2—40159
  - copper formate tetrahydrate, dielec. response function 2—13322
  - cyclohexane, ionization cond., temp. and elec. field depend. 2—7188
  - diatomic dielectric continuum, coupled elastic and e.m. fields 2—25913
  - diglycine sulphate, permittivity, temp. depend. 2—36594
  - discharge channel form., electron channelling influence 2—6878
  - electron injection, trapped charge accumulation and release 2—25921
  - N-ethyl-phenothiazine-iodine complex, at 10 GHz 2—22544
  - excess charge decay for shorted electrode case 2—4270
  - ferroelectric, phase transition region, effect of collective interaction of dipoles on dielec. dispersion 2—16256
  - film, filamentary thermal breakdown 2—13305
  - film, insulating, dielec. and transport props. 2—40322
  - glass, alkali-free aluminoborosilicate, loss tangent, temp. depend. 2—36580
  - n-heptane- polar cpd. solid solns., absorpt. phenomena 2—6876
  - ice:KCl, freq., conc. and temp. depend. 2—16264
  - ice, dielec. const. meas., 35.3 and 94.5 GHz 2—16265
  - kaolinite, loss and constant during dehydration 2—33045
  - lauryl laurate-hexacosane mixture, dielec. loss, comp. depend. 2—40328
  - lunar soil, and analogues, dielec. loss tangent, determ. by Q-meter method 2—33727
  - magnetic permeability and magnetic loss angle of magnetodielectrics at microwave frequencies 2—17527
  - metahalloysite, loss and constant during dehydration 2—33045
  - metal particles in glass matrices, elec. polarizability 2—22606
  - mica-paper-tape insulation, effects of manufacturing parameters 2—4261
  - microwave nonlinear susceptibilities of acentric cryst., absolute signs determ. 2—4424
  - m.i.m. structure, obs. of defects 2—3506
  - m-nitroaniline, permittivity, rel. to possible electrooptic appl. 2—16427
  - paraelectric, perovskites, comparative behaviour of permittivity in weak field at room temp. 2—1555
  - perbunan rubber, temp. dependence in microwave region 2—25915
  - periclase, effects of additives and densification 2—16260
  - Perspex, elec. strength, voltage rise time depend. 2—29747
  - phenanthrene, single cryst., dielectric and dilation anomalies, capacitance meas., 23- 75C 2—10111
  - poly(vinyl fluoride), electret film, piezoelec. props., piezoelec., dielect., elastic consts. 2—10131
  - poly 4-methyl pentene-1, high field cond. 2—22615
  - polyacrylonitrile, dielec. dispersion, pyrolysis effect 2—30041
  - poly-ε-caprolactam, static elec. field effects 2—19750
  - polyethylene, electrical stability under action of powerful high voltage impulses 2—21995
  - polymer, measurement in field of 10^4MHz γ-rays from ^{60}Co 2—29740
  - polymer film, electron-beam-deposited, bombarding current depend. 2—32994
  - polymer foils, prod. of high quasipermanent charge densities by breakdown fields 2—25923
  - polytetrafluoroethylene film, r.f. sputtered 2—29049
  - polyvinyl acetate, dried samples, γ relax. 2—25916
  - polyvinyl chloride, IUPAC symposium on macromolecules, Prague, Czechoslovakia, September (1970) 2—15644
  - polyvinyl chloride compound, degradation, dielec. spectra and a.c. cond. obs. 2—15645
  - polyvinyl chloride film, permittivity, loss tangent, mech. strength, elec. discharge effect 2—16269
  - polyvinylcyclohexane influence of radiation 2—36582
  - porous ceramics, field distortion and dielec. strength rel. to porosity 2—13299
  - potassium hydrogen maleate, relax. mechanisms and temp. depend. 2—10110
  - quartz, consts. meas. 2—33048
  - quartz, nonlinear polarization coeffs. determ. 2—36601
  - quartz glass, high temp. and u.h.f. props. 2—19746
  - refractory metal oxide, film, prep. by gaseous anodization 2—13301
  - rock specimens, apparent dielectric constant, effect of salinity 2—26460
  - semicarbazide hydrochloride, rel. to ferroelec. props. 2—19770
  - semiconductor, low temp. const. and loss meas. 2—16241
  - semiconductors, disordered solids, dielectric theory many electron effects 2—1502
  - 1,2,4,5-tetrachlorobenzene, phase transition at ~233K, confirmation by dielec. const. meas. 2—28419
  - titanate ceramics, polarized, pot. distrib. obs., effects of adsorbed ions 2—16300
  - triglycine sulphate, effect of X- and γ-radiation on permittivity and losses 2—1560
  - vegetable oils, variation of properties in liquid-solid transition phase 2—28881
  - wire insulation PVC, dry blending improvement 2—10106
  - zeolites, synthetic, investigation between 30 Hz and 12 MHz 2—1551
  - Ag halides, space charge layer contrib. to dielec. const. 2—40330
  - Ag halides, space charge layer contrib. to dielec. const. 2—33050
  - AgCl, dielectric const., rel. to exciton annihilation 2—4297
  - AgF, static dielectric constant, room temp. and 143K 2—32802
  - $AlCl_3.6H_2O$, polarisability of water of hydration, determination from permittivity meas. on hydrated and anhydrous salt 2—36578
  - Al_xN_y film form. and insulator props. 2—39493
  - Al_2O_3, films evaporated onto a steel substrate by electron bombardment heating 2—35886
  - Al_2O_3, loss factor, water sorption effect 2—16263
  - Al_2O_3, sintered with vitrifying additives 2—36199
  - Al_2O_3 film, chem. vapour deposited, breakthrough voltage 2—39490
  - Al_2O_3 film, formed by electron-beam evaporation 2—35884
  - Al_2O_3 rods in superconducting helical resonator, losses from 130 to 450 MHz at low temp. 2—36577
  - BN, applic. in nuclear reactor thermoelement insulation 2—38742
  - BN, pseudo current glow curves 2—40275
  - $B_7O_{13}^{5-}$, temp. dependence near cubic orthorhombic phase transition temp. 2—9792
  - BaS, dynamic ionic charge determ. from i.r. spectra and static dielec. props. 2—22396
  - $BaTiO_3$:Nb crystal, optical props., prep. and substitution effect 2—16287
  - $BaTiO_3$ film, r.f. sputtered, dielec. const., loss tangent 2—40347
  - $Bi_{12}GeO_{20}$ thin plates, const. meas. 2—10127
  - $(BiNa)_{1/2}TiO_3$, antiferroelectricity above 200°C 2—29088

Dielectric properties of substances continued
- **solids** continued
  - $Ca(NO_3)_2.4H_2O$, polarisability of water of hydration, determination from permittivity meas. on hydrated and anhydrous salt 2—36578
  - CaO-MnO-SiO_2 glass, losses, comp. and temp. depend. 2—36579
  - CaS, dynamic ionic charge determ. from i.r. spectra and static dielec. props. 2—22396
  - $CaSO_4.2H_2O$, polarisability of water of hydration, determination from permittivity meas. on hydrated and anhydrous salt 2—36578
  - $CaSO_4.2H_2O$, polarisability of water of hydration, determination from permittivity meas. on hydrated and anhydrous salt 2—36578
  - $Ca_3(VO_4)_2$, oxygen transport and charge storage 2—25918
  - Cd, compounds, perovskite structure special properties from phase transition temp. 2—1223
  - Cd_2TiWO_7, growth, struct., permittivity, dielec. loss 2—39638
  - $Cr_2(SO_4)_3.15H_2O$, polarisability of water of hydration, determination from permittivity meas. on hydrated and anhydrous salt 2—36578
  - $CsPbCl_3$, phase transition obs. 2—12994
  - Fe_3S_4 film, electrostatic polarization, electron diffr. 2—19751
  - GaAs microwave perturbation meas. of temp. dependence, method for minimizing airgap contact impedances 2—25850
  - Ge, amorphous, network of cracklike voids, evidence from study of u.v. dielectric constants 2—9711
  - $(K_{3/4}Bi_{1/4})(Zn_{1/6}Nb_{5/6})O_3$, permittivity, temp. depend. 2—4266
  - KBr single crystal, surface polarization capacitance 2—16270
  - KCl:Li, nonlinear susceptibility of tunnelling ions 2—29738
  - KH_2PO_4, structural defects, phase transitions and dielectric props., radiation sensitive 2—1442
  - 1-xLa_3NbO_7+xSm_3NbO_7, dielectric constant and loss tangent, $o \leqslant x \leqslant 1$ 2—1559
  - $LiIO_3$, barrier layer effects 2—25936
  - $LiN_2H_5SO_4$, anomalous props. 2—4276
  - LiO_2-BaO-Al_2O_3-SiO_2 system, phase equilib., specific vol. resist., permittivity, dielec. losses 2—16266
  - $(NH_4)_2Cd_2(SO_4)_3$, ferroelec.-ferroelastic cryst., dielec. anomaly rel. to phase transformation mechanism 2—16291
  - $NH_4H_2PO_4$ structural defects, phase transitions and dielectric props., radiation sensitive 2—1442
  - NaBr:F-, rel. to impurity tunnelling 2—33052
  - NaCl, polarization impedance of pure and doped crysts. 2—16273
  - $NaClO_3$, vibr. spectrum and dielec. behaviour, Raman obs. 2—33286
  - $NaH_3(SeO_3)_2$, effect of γ-radiation on Curie point, hysteresis loop, polarization and coercive field 2—1553
  - Na_2O-Al_2O_3-SiO_2 glass, temp. depend., X- and Q-band 2—29742
  - $Pb(Mg_{1/3}Nb_{2/3})O_3$-$PbTiO_3$-$PbZrO_3$ solid solution, piezoelec. characts. 2—13327
  - $PbNb_2O_6$-$BaNb_2O_6$ ceramic system, rel. to domain and grain struct. 2—29739
  - $Pb_{0.95}Sr_{0.05}(Ti_{0.48}Zr_{0.52})_3$, 0.8 wt.% Cr_2O_3, paraelectric to ferroelectric phase transition effect on dielectric and piezoelectric props. 2—1576
  - $PbTiO_3$-$PbZrO_3$-$Pb(Zn_{1/3}Nb_{2/3})O_3$ system, near morphotropic phase boundary 2—33058
  - $PbTiO_3$-$PbZrO_3$-$PnBn_{2/3}Z\ n_{1/3}O_3$, electrophysical parameters investigated 2—1554
  - $PbZn_{1/3}Nb_{2/3}O_3$-$BaZn_{1/3}Nb_{2/3}O_3$-$PbTiO_3$ ternary system 2—25937
  - Rb halides with O^{2-} at vacancies dielectric loss measurement 2—6484
  - S, electrification in darkness and under illimination 2—25914
  - SbSI, dielec. const. and relax., light intensity and temp. effects 2—33047
  - SbSI, ferroelectric and paraelectric states, internal field gradients 2—1567
  - Se-Te alloy, dielec. tensors 2—1558
  - Si, low temp. const. and loss meas. 2—16241
  - Si microwave perturbation meas. of temp. dependence, method for minimizing airgap contact impedances 2—25850
  - α-SiC, dielec. const., determ. from refr. index 2—10395
  - SiO_2, film, sputtered, field dependence of relaxation phenomena 2—19747
  - SiO_2, thin dielectric film, study using method of multiple frustrated total internal reflection 2—20004
  - SiO_2 films, electrochem. charging by injected electron currents 2—13304
  - SiO_2 layer, defects, activation energy of charge carrier diffusion 2—25911
  - $Sr_{0.75}Ba_{0.25}Nb_2O_6$ temperature dependence, freq. 10 kHz-10 MHz, use for light modulation 2—4268
  - SrS, dynamic ionic charge determ. from i.r. spectra and static dielec. props. 2—22396
  - TiO_2:V^{4+}, microwave loss, low temp. 2—19748
  - TiO_2, rutile, charge and discharge meas. 2—22778
  - TiO_2, rutile, dielectric loss mechanism 2—22608
  - TiO_2, thin amorphous film, variation of dielectric constant with film thickness 2—4263
  - $TlGaS_2(Se_2)$, permittivity and loss tangent 2—29677
  - $TlInS_2$, permittivity and loss tangent 2—29677
  - $Tl_6Ta_4O_{19}$ and $Tl_6Ta_2O_{14}$, obtained from sintering of oxides 2—29396
  - TlX, (X=halogen) and mixed systems, ferroelec. precursor 2—25933
  - V_2O_5-P_2O_5 glass, cond., 80-350 K 2—19749
  - VO_2, antiferroelectric to paraelectric transition 2—4007
  - Y_2O_3, sintered, relax. phenomena 2—16268
  - $Zn_xNi_{1-x}Fe_2O_4$, permittivity, effect of Dy substitution 2—13413
- **solids, ferroelectric** *see Ferroelectric materials*

Dielectric relaxation
- acetonitrile, in benzene and carbon tetrachloride solutions, meas. between 24 and 60°C 2—3401
- acetonitrile, relaxation times as functions of temperature 2—3410
- 9-acetyl anthracene, in benzene, dielectric relaxation times from microwave obs. meas. of loss and constant 2—28342
- acridan in benzene, dielectric relaxation times from microwave obs. meas. of loss and constant 2—28342
- acrylonitrile, relaxation times as function of temperature 2—3410
- alcohols, normal aliphatic, dissolved in CCl_4, complex dielectric constant and domains of concentration 2—39381
- aliphatic ketones in cyclohexane soln. 2—25099
- alkali halide, rel. to impurity precipitation, review 2—3794
- alkanethiols, characteristic relaxation time and empirical parameter 2—39382
- alumina, hydrous film 2—9264
- benzaldehydes in benzene, substituted, relaxation times in 3 cm microwave region at 20°C 2—39383
- benzonitrile, relaxation times as function of temperature 2—3410
- t-butyl chloride, liquid, molecular rotation 2—18843
- t-butyl chloride, rel. to solid state phase transitions 2—36352
- circular arc rule, complex capacitance and inductance expressions 2—34276

Dielectric relaxation continued
- copper formate tetrahydrate, from dielec. response function 2—13322
- α,ω-dibromoalkanes in benzene solutions 2—1109
- dimethylsulphoxide, microwave complex permittivity obs. 2—21994
- emulsion, theoretical models 2—32291
- ethyl benzene in cyclohexane, numerical analysis 2—35774
- N-ethyl-phenothiazine-iodine complex, at 10 GHz 2—22544
- ethyltrichloroacetate, liquid, processes rel. to mol. motions 2—35777
- ferroelectric, dielec. dispersion near transition point 2—19758
- ferroelectric ceramic, coarse grained, rel. to internal stresses 2—16280
- ferroelectric-ferromagnetic ceramics, two- and three-phase 2—10117
- frequency dependences $\varepsilon'(\omega)$ and $\varepsilon''(\omega)$, automatic recording 2—34282
- glass, alkali-free aluminoborosilicate, temp. depend. 2—36580
- haloalkane solutions, effect of solvent viscosity 2—18846
- ice:KCl, freq., conc. and temp. depend. 2—16264
- ice, dipolar relax., relax. mechanisms, depolarization thermocurrent meas. at low temps. 2—22607
- insulator with traps, relax. currents 2—16262
- intramolecular, in solutions, numerical analysis 2—35774
- isopropyl benzene in cyclohexane, numerical analysis 2—35774
- kaolinite, loss and dielec. const. during dehydration 2—33045
- lauryl laurate-hexacosane mixture, comp. depend. 2—40328
- liquid, low loss, dielec. const. and tan δ meas. in V-band 2—28880
- liquid crystal, nematic, extended Debye theory 2—9094
- metahalloysite, loss and dielec. const. during dehydration 2—33045
- 1-methyl naphthalene in cyclohexane, numerical analysis 2—35774
- molecular shape influence 2—39377
- m.o.s. structs., dielec. loss 2—22600
- 1- and 2- naphthaldehydes, microwave absorption meas. 2—15601
- 2-naphthol in benzene, numerical analysis 2—35774
- nematic MBBA 2—25103
- nitrobenzal anils, relaxation times and dipole moments, dil. solution method 2—31867
- nylon-water suspension, loss in microwave x-band 2—9189
- $\alpha,\alpha,\alpha',\alpha'$,2,3,5,6-octachloro-p-xylene in benzene, dielectric relaxation times from microwave obs. meas. of loss and constant 2—28342
- n-octanol in heptane solns., dieletric const. and dielectric loss meas. from microwave relaxation 2—6241
- octylamines in cyclohexane solution 2—35780
- pivalonitrile solns., rel. to mol. reorientation 2—9154
- polar liq., thermal variation of Cole-Cole distrib. parameter 2—9145
- polar solutes, variation of relaxation time with viscosity 2—32198
- polar vacancies, loss angle, freq. and temp. dependence 2—40323
- poly-β-benzyl-L-aspartate, during helix coil transition, due to dipolar orientation 2—8846
- poly-L-lysine and salts in aqueous solution, relax. and dispersion 1 kHz-3 MHz 2—25101
- poly-n-lauryl methacrylate, as function of frequency, temperature and pressure 2—6877
- poly-nonyl methacrylate, as function of frequency, temperature and pressure 2—6877
- polydimethylsiloxane fluids, broad loss peaks, a.f., —120 to —100°C 2—13302
- polytetrafluoroethylene film, r.f. sputtered 2—29049
- polyvinyl acetate, dried samples, γ relax. 2—25916
- polyvinyl chloride compound, degradation, dielec. spectra and a.c. cond. obs. 2—15645
- polyvinyl chloride film, electric discharge effect, mechanical strength 2—16269
- polyvinylcyclohexane, relaxation processes study by dielectric method, phase transition 2—36582
- potassium hydrogen maleate single cryst. temp. depend. 2—10110
- propionitrile, in benzene and carbon tetrachloride solutions, meas. between 24 and 60°C 2—3401
- quartz glass, u.h.f. and high temp. loss tangent 2—19746
- refractory metal oxide, film, prep. by ionized gas anodization, dissipation factors detn. 2—13301
- Rochelle salt, time meas. 2—16293
- semiconductor, effect on travelling carriers 2—36482
- semiconductor, Ge, amorphous film, reactor irradiation effects 2—4232
- sodium carboxymethyl cellulose, loss factor of aqueous solutions 2—39394
- thermodynamic theory 2—11366
- transition metal nitrates, ethanol solutions, loss factor at 28°C and 3.14 cm wavelength 2—35778
- 1,2,3-trichlorotrimethylbenzene, comparison with results for nuclear magnetic relaxation times 2—20167
- water, microwave complex permittivity obs. 2—21994
- water, structural model 2—12572
- water, supercooled, computation from self diffusion coeff., +30 to —25°C 2—9120
- water emulsions, dipolar type Debye relax. 2—28923
- Al_2O_3, sintered with vitrifying additives 2—36199
- Al_2O_3 film, formed by electron-beam evaporation 2—35884
- $BaTiO_3$, Al_2O_3 additive effects on loss 2—16284
- $BaTiO_3$, dispersion characts. and freq. depend., 10^2-10^9 Hz range 2—6880
- $BaTiO_3$, permittivity, microwave freq. obs. 2—33046
- $BaTiO_3$ powder, effect of adsorbed H_2O 2—16282
- CaO-MnO-SiO_2 glass, comp. and temp. depend. 2—36579
- Cd_2TiWO_7, growth, struct., dielectric loss and const., temp. depend. 2—39638
- n-GaAs, bulk, energy-independ. thermal relax. 2—10015
- Ge, amorphous film, reactor irradiation effects 2—4232
- KBr:OH^-, complex dielec. susceptibility, paraelectric relaxation, isotope effects 2—10116
- KH_2AsO_4, ferroelectric, long range correlation, comparison with n.m.r. obs. 2—10553
- KH_2PO_4 and KD_2PO_4, loss-angle tangent, high temp. anomalies 2—9814
- NaCl:$CaCl_2$, dielectric loss study, effect of impurity vacancy complexes 2—16267
- NaCl, epitaxial film, dielectric properties 2—10109
- Na_2O-Al_2O_3-SiO_2 glass, temp. depend., X- and Q-band 2—29742
- Nb_2O_5, in m.i.m. struct., rel. to metallic impurities 2—10099
- $PbMg_{1/3}Nb_{2/3}$, ferroelectric, temp. dependence of dielectric props., relaxation polarization, diffuse phase transition 2—16292
- RbCl:OH-, complex dielec. susceptibility, paraelectric relaxation, isotope effects 2—10116
- RbH_2PO_4, loss-angle tangent, high temp. anomalies 2—9814
- SbSI, light intensity and temp. effects 2—33047
- SbSI crystal, dielec. dispersion 2—29754

Dielectric relaxation continued
Si, low temp. loss meas. 2—16241
SiO_2 film, sputtered, field dependence 2—19747
SiO_2 layer in m.o.s. system, relaxation polarization, surface potential stability 2—4269
Ta_2O_5 film, dielec. loss behaviour 2—40325
TiO_2:V^{4+}, microwave loss, low temp. 2—19748
TiO_2, rutile, dielectric loss mechanism 2—22608
$TlGaS_2(Se_2)$, loss tangent 2—29677
$TlInS_2$, loss tangent 2—29677
TlX, (X=halogen) and mixed systems, ferroelec. precursor 2—25933
VO_2:Ti, freq. dispersion and dielec. loss, impurity cond., microwave obs. 2—19655
V_2O_5-P_2O_5 glass, cond., 80-350 K 2—19749
V_2O_5, single crystal, temp. depend. and activation energy 2—10038
Y_2O_3, sintered, 10^{-3} to 10^5 Hz 2—16268
Differential analysers *see Calculating apparatus*
Differential equations
Born-Green, statistical mechanical calc. of density variation through liquid vapour interface 2—14125
boundary layer eqns. for convection about vertical flat plate 2—30885
buckling of a thin annular plate under uniform compression 2—27127
conservative, time independent or periodic, topological study, celestial mechanics 2—20477
coupled, nonlinear and ordinary, under two-point boundary conditions, solution by iterative procedure 2—39051
diffusion, with concentration dependent coefficients, iterative method for solution 2—2183
dynamical systems with 'relay-type' nonlinearities, bifurcation near 'sewn-in' focus 2—5124
eigenvalue eqn., exact, for many body problem 2—2660
eigenvalue problem by numerical method 2—27113
electron scattering by atomic H 2—38850
e.m. field, variational calculus formulation 2—17463
e.m. propagation, in stratified media, soln. 2—30912
finite element analysis of perturbed compressible flow of perfect gas 2—18727
Foppl Hencky eqn., variational principles for boundary value problem 2—2063
gravitational N-body problem, numerical experiments 2—14153
gravitational N-body problem, treatment of close approaches in numerical integration 2—17287
hyperbolic, soln. by difference method 2—33965
integrodifferential eqn. for distribution functions in solutions 2—1081
integrodifferential eqns. for interaction of particles immersed in solvent 2—1082
invariance, generalization of concept, applications to some Schrodinger equations 2—33870
Korteweg-de Vries, discrete models leading to weakly dissipative equations 2—27035
linear, convergent integrals of solutions 2—30753
linear second order, solution by integro-iteration method 2—7642
matrix, and numerical solution for nonlinear creep, elastoplasticity and viscoelasticity 2—17301
N-body problem, use of integrals in numerical integrations 2—14151
Navier-Stokes, numerical solution 2—21931
non-dimensional surge tank analysing computer program 2—18772
nonlinear. application of methods of solution to flight dynamics 2—33972
nonlinear, equilibrium statistics of viscous flow with random forcing 2—31909
nonlinear, for ferromagnetic film E.M.F. and remagnetization 2—26046
nonlinear, in thin-wall beam theory 2—27164
nonlinear, in thin-wall beam torsion 2—27165
nonlinear, of conical shells, asymptotic solution 2—27162
nonlinear by Monte Carlo method 2—14143
nonlinear Klein-Gordon eqn., theory and appl. 2—2064
nonlinear oscillations, restrictions on coeffs. to ensure finite displacements at infinite time 2—5123
nonlinear second order, transient solutions in terms of Jadobian elliptic functions 2—33871
nonlinear systems with n-degrees of freedom, extension of Beechams method 2—33872
numerical stability of gravitational n-body problem 2—20468
orbit determination, power series representation of partial derivatives 2—20476
partial, elastic-plastic wave motion in layered solids 2—17319
partial, for hadron scattering amplitudes, solutions with dual model characteristics 2—38271
partial, nonlinear distributed systems, oscillations, basis for asymptotic methods 2—17180
partial, nonlinear static structural mechanics, self-correcting initial value formulations 2—20893
partial, numerical methods for thermodynamic properties of gases 2—18758
partial, self-similar solution, illustration with RC transmission line 2—17164
perturbation function, new expansions 2—7643
Poisson's discrete, error vector propagation method for solving applicable to irregular geometries 2—14067
rod and disk models of stellar systems, integration methods for smoothed gravitational field 2—20511
second-order linear self-adjoint, upper and lower bounds of eigenvalues 2—11244
seismographic sensors, nonlinear equations of motion with two degrees of freedom 2—26432
stellar atmospheres, temp. governed by third-order non-linear ordinary differential equation 2—41068
stochastic matrix, moments and correlation functions of solutions 2—20810
turbulent boundary layer development numerical calculation 2—18552
vortex-flow, through three- dimensional axially symmetric channels, numerical solution 2—1024
wave eqn., application of z-transform method to solution 2—2062
Diffraction
coefficients, for higher order edges and vertices 2—37579
dilatational waves by crack 2—14253
elastic waves on spherical surfaces, study of infinite algebraic systems of equations 2—37743
multilayer pot. method 2—33888
reflecting screen of arbitrary shape 2—30759
Diffraction continued
SH-waves, propagation in linear viscoelastic solids 2—26429
shock waves, prediction of wave pattern 2—180
shock waves on wedge moving with supersonic velocity 2—27294
He atoms from LiF as evidence of ordered array of physisorbed ethanol 2—22080
He from W (112) crystal planes 2—6406
acoustic waves
angular beam width od modes propagating in crysts., estimation technique 2—32820
anisotropic cryst., surface wave beam diffr. 2—9868
annular spherical cap, of time-harmonic axisymmetric waves, boundary values 2—17386
boundary conditions and field problems 2—30866
cylindrical, by cylindrical shell of arbitrary cross section 2—27261
h.f. diffraction by circular disc, iteration of integral equations 2—23358
human mouth and spherical sound source, for various obstacles, for artificial mouth design studies 2—26966
meas. by combining correlation and Fourier techniques, acoustic barriers 2—34115
by N-layer grating of plane wave 2—5233
by one or several obstacles, use of Helmholtz harmonic equation solution 2—23355
parametric end-fire arrays, near-field effect 2—23354
by periodically uneven surfaces, exact solution of diffraction equations 2—17383
sound field of streamlined body moving past half-plane 2—5236
theory and review, w.r.t. aerodynamic noise 2—20931
acoustic waves, ultrasonic
No entries
electromagnetic waves
antenna discontinuities, field description with complex variables 2—17488
aperture antennas, with circular iris, in Fresnel region 2—14335
beam with Gaussian irradiance distrib., use of boundary diffraction-wave theory to determ. characteristic parameters 2—34236
blazed gratings, anomalous behaviour due to phase shift on reflection and multiple diffraction in single groove 2—34247
by circular aperture, field intensity, mode expansion 2—14312
coefficients for discontinuity in curvature 2—30926
convex body, shortwave asymptotics 2—205
convex body, shortwave asymptotics 2—206
on convex body short-wave asymptotics for diffraction field in illuminated, shade areas 2—20984
convex surface, perfect conductor, Maxwell's eqn. 2—37846
critical pts., single and double, stationary phase method 2—7789
cylinder, infinite, with nonstationary boundary conditions 2—204
by cylindrical structures, characterized by variable curvature and surface impedance 2—17476
by cylindrical waveguide with planar symmetrical aperture discontinuity 2—30955
dielectric steps in waveguide, semi-infinite, soln. 2—23451
echoes from outgoing radiation, surface form study 2—14310
Fresnel diffraction at n halfplanes with statistically nonuniform edges, small irregularities 2—37844
Gaussian beam, as bundle of complex rays 2—2299
Gaussian beam diffracted by circular aperture, field evaluated using boundary diffraction wave theory 2—34248
by grating, infinitely conducting, conformal mapping technique 2—209
grating, theoretical diffraction of plane wave 2—208
H-polarized on tape array of Jalousie type, analysis by half-rotation method 2—20983
Huygens' principle, electrodynamic formulation for smooth inhomogeneous medium, rotation of plane of polarization. 2—23444
impedance wedge, in an anisotropic plasma 2—39127
Kirchhoff theory, scalar, vector, dyadic formulation 2—30925
through lattice approximate soln., numerical estimation of errors 2—2303
microwaves, by two long parallel inclined strips of vertically polarized radiation 2—11392
by moving screen, semi-infinite, in anisotropic plasma 2—15464
numerical solution, transformation method 2—14311
plane, by sinusoidal gratings, soln. 2—34249
plane wave at normal incidence by soft circular disc, high frequency 2—37842
plane wave at oblique incidence, by soft circular disc, high frequency 2—37843
plane waves, infinite slit in screen with surface impedance 2—30924
radio waves, in stratified atmosphere 2—16854
solution using symmetry, group theory method application 2—27353
spherical diffractions, numerical calculations 2—23445
thin conducting disc at plane interface of two different media 2—5289
by three dimensional periodic structure, in vacuum, soln using perturbation theory 2—11394
electrons *see Electron diffraction*
light
see also Holography
by acoustic surface wave on quartz, efficiency 2—5423
anisotropic cryst., by u.s. waves 2—29878
atmospheric dispersion of angle of arrival, image blurring, effect on point source 2—1873
bleached holograms, diffraction efficiency 2—31069
Bragg imaging with finite amplitude u.s. waves 2—33212
cascade apertures, focusing capabilities 2—31096
circular aperture, partial coherent illumination, in presence of linear motion 2—38067
coherent imagery, apodisation functions for removing fringes 2—5418
colour spectrum of white light, demonstration 2—10
critical mixture, on u.s. waves, fluctuation phenomena 2—28858
dark ground microscopy, diffraction images of partially coherent phase discs 2—21161
diffraction interferences, temp. measurement in plasma research 2—35552
diffractographic dynamometer, pulse burst of freq. proportional to horsepower 2—27031
diffrimoscopic images for objects with periodically varying transmission 2—23691
diffrimoscopic images of coherently illuminated objects 2—27598
dimensional obs., profiles 2—21151
double beam interferometer, degradation eliminated using Moire method 2—21147
double in Fresnel region, use in displacement meas. 2—14449

Diffraction continued
light continued
entoptic diffraction halos and glare from bright monochromatic lights 2—20751
far field pattern from slit aperture for displacement and profile meas. 2—21150
fluctuations of laser light diffracted on u.s. wave in inhomogeneous medium 2—27533
Fraunhofer, imperfect optical system with annular aperture and amplitude filter, illumination by partially space coherent light 2—2430
Fraunhofer diffraction pattern symmetries 2—27596
Fraunhofer diffraction patterns, fast numerical algorithm 2—2432
Fresnel diffraction pattern of thin wire, intensity measurements 2—11514
Fresnel masks for optical processing of radar signals 2—7962
Gaussian beam by ultrasonic cylindrical standing waves 2—34502
images, from telescope mirrors with random surface undulations, illuminance distribution 2—17677
images, triangular wave targets in partially coherent light 2—27580
intensity distrib. of laser light diffracted on u.s. wave 2—27534
i.r., demonstration technique and equipment 2—5417
for iridescent and specular surfaces, difference 2—1158
laser beam expt., continuous variation of slit spacing 2—17689
laser beam in crosswind, effects on self induced thermal distortion 2—22962
liquids, lasers by u.s. waves, determination of u.s. wavelength, undergraduate demonstration 2—33842
masks representing static disorder in crysts., prod. using computer-generated patterns 2—25315
method of synthetic optical apertures 2—38059
microscope objective, effect on images in quantitative microscopy 2—5406
near field pattern of obstructed apertures 2—38069
organic crystal, by hypersound 2—1427
partially space coherent, of defocused optical systems, effects of amplitude filter 2—11515
particle size analysis using gas laser det. from intensity variations in diffraction pattern at infinity 2—21158
pattern for specified Rayleigh limit of resolution and specified all-over transmittance, apodization problem 2—38071
patterns generated by Culgoora radioheliograph 2—5020
phase determination from image and diffraction plane pictures 2—31097
photographic plane slit shutter, and interaction with uniform linear image motion, exposure transfer function 2—31148
photometer with small surface area used with He-Ne laser for studying diffraction phenomena 2—34503
by plant progressive ultrasound, calculation by method of successive diffraction 2—17690
point image of optical systems, calc. using Cooley-Tukey algorithm 2—17692
quasi-Cerenkov radiation, into dielectric layer 2—7980
scalar, vector and exact diffraction theory 2—38068
sector shaped apertures, far field imaging 2—34493
spectral distribution meas. of radiant energy, comparative study of methods 2—8028
spherically aberrated annular aperture in partially space coherent light 2—27597
spherically aberrated circular aperture of partially coherent light, calc. of irradiance distribution 2—23693
supersonic waves, adjacent parallel 2—27604
supersonic waves, Raman-Nath eqns., soln. 2—31103
suppression by interferometry 2—309
surface impressed diffr. grating, strain meas. technique 2—36182
surface plasmon effects, expt. obs., review 2—16119
from surface waves, intensity distrib. and phase modulation 2—14446
two cylindrical waves from two slits crossed at angle α 2—17683
by ultrasound, visible images of acoustic sources 2—7959
u.s. surface waves, nonlinearities detection 2—29518
by u.s. waves in crysts., elastic nonlinearity 2—7037
visualisation of objects in ultrasonic fields by ultrasonic Raman light diffraction 2—27275
CdS, Bragg diffr. on surface acoustoelec. domains 2—29547
CdS, by acoustoelectric surface domains, power density as function of depth, frequency spectrum det. 2—32840
KD_2PO_4, by u.s. waves, of polarized light 2—19974
Si, by free carrier plasma 2—29876
neutrons *see Neutron diffraction*
X-rays *see X-ray diffraction*
Diffraction by acoustic waves *see Acoustic waves/effects; Diffraction/light*
Diffraction gratings
acoustic, N-layer, plane wave diffraction soln. 2—5233
acoustic waves reflection by dense doubly periodic grating in presence of rigid baffle 2—5232
band-pass filters, diffraction grating arrangements, using polarized light 2—31128
blazed anomalous behaviour due to phase shift on reflection and multiple diffraction in single groove 2—34247
Bragg-angle blazing, design procedure 2—38070
circular, used in Talbot interferometer, sensitive to radial gradient of object 2—30968
concave, aberrations and monochromator focusing in vac. u.v. 2—14451
concave, high-aperture, construction for use in the vac. u.v. 2—27624
concave, theory 2—14450
concave spherical, path of diffracted rays 2—7972
concave with spectrum focusing outside the Rowland circle, new types 2—31098
cross ruled for magnification test specimens for scanning electron microscopes 2—5331
double diffraction in Fresnel region, contrast 2—14449
echelette, specular reflection and use as far i.r. filter 2—23692
echelle, for 74″ coude reflector telescope 2—7585
echelle, in sounding rockets, high resolution u.v. solar spectra 2—11060
for feedback in thin film dielectric waveguide laser 2—37982
holographic interferometry, use of matt diffusers and advantages of phase diffraction gratings 2—34418
induction in saturable absorbers and absorbing liquids with ruby laser production mechanism 2—21118
infinitely conducting, theoretical diffraction of plane wave 2—208
interferometer, variable shearing of wavefronts and arbitrary fringe direction 2—38063
i.r. spectrophotometer, polarization effect 2—31142

Diffraction gratings continued
Jalousie type tape array, diffraction of H-polarized waves, analysis by half-rotation method, resonance properties 2—20983
laser ring resonators, diffraction grating coupled, high power type 2—21058
line grating, periodic changes of X-ray reflection intensity with incident beam direction 2—38066
liquid crystal, nematic, on applic. of elec. field 2—21152
Littrow mounted, control of spectral characteristics of tunable lasers 2—23566
passive optical valve in laser 2—34375
periodic, scattering of transient plane wave 2—20990
polyethylene echelon, longwave i.r. spectral regions 2—34539
production, CSIRO ruling engines 2—7983
production techniques, M.I.T. ruling engines 2—7982
reflectivity in vacuum u.v., decreased by mineral oils used during ruling 2—34494
reflectivity near shortwave limit, effect of ruling distortion 2—5420
replica production, review 2—7984
resolving power, calc. from intensity distrib. of diffraction pattern 2—2431
rotating grating mounting design with corrections for aberrations in vacuum u.v. 2—14467
shape constants, optimal profile, theoretical eval. 2—308
sinusoidal, plane wave diffr. analysis, comparison of Rayleigh hypothesis and analytic continuation methods 2—34249
spectral efficiency, with arbitrary line profile, and holographic gratings 2—7985
spherical concave, stigmatic conditions, geometric optical theory 2—14444
strain gauges, parallel incidence for 2—12921
surface impressed diffr. grating, strain meas. technique 2—36182
thick dielectric, dye sensitized, high efficiency 2—7981
ultrasonic, noninterference sampling method, CO_2 laser 2—7919
ultrasonic light modulators, Fresnel images, optical signal processing 2—34510
vacuum u.v., at CNRS Bellevue, review 2—14477
v.u.v. reflecting surfaces deterioration by formation of intermetallic compounds 2—5416
Diffrimoscopy *see Diffraction/light; Optical images*
Diffusion
see also Neutrons and antineutrons/diffusion; for diffusion of matter, see Diffusion in gases; Diffusion in liquids; Diffusion in solids
aerosols, losses in flow through rectangular duct and penetration through parallel plate diffusion battery 2—28916
afterglow, space-charge-controlled diffusion 2—32126
anisotropic, study of nuclear spin-lattice relaxation 2—26076
Arnold, in intersecting storage ring, effects on beam lifetime 2—14792
p-azoxyanisole, nematic, self-diffusion tensor, temp. depend. 2—25045
binary fluid systems, in critical region 2—8872
charged particles, nonresonant diffusion in stochastic fields, quantum mechanical treatment 2—27417
chemical reaction effects on rate, anal. using modified BGK eqn. 2—16672
collisional, finite-β Tokamak plasma, in axisymmetric focus 2—28516
crystal growth with surface diffusion, computer simulation model 2—32400
crystallization, thermal cycling of heterogeneous system, causes of accelerated diffusion 2—35828
cylinder, non-uniformly heated deformable infinite circular, effect on stress and stress deformation state 2—33988
diffusion eqn., uniform asymptotic edge diffraction 2—17181
diffusion zone struct., diffusion process obs. by photoemission electron microscope 2—32326
dipolar molecules constrained by electric field, rotatory diffusion 2—21564
from disjoint plane domains, interaction of two domains 2—2182
drag on neutral and charged spherical aerosol particles 2—28918
electrodiffusion equation for a simple membrane, analogue computer solution 2—17271
electron cyclotron heating by microwave fields as resonant diffusion 2—24660
electron swarms, ratio of diffusion coeff. to mobility 2—21869
electron thermal diffusivity calc. from electrons trapped in drift waves and energy losses in Tokamaks 2—18627
electrons, velocity in ionised air in front of shock wave, meas. by aid of discharge shock tube 2—28539
equation, composite medium, k sections, internal generation 2—11378
equations, with concentration-dependent coefficients, iterative method for solution 2—2183
e.s.r. line shapes in slow motional region 2—18394
film, rel. to shape stability of nucleus, role of interface kinetics 2—18927
flow, turbulent in pipe, dispersion of matter 2—32193
in fluid flowing in a tubular reactor occurring simultaneously with chemical reactions, determ. decay of concentration 2—6026
in fluids, buoyancy effects of combined thermal and mass diffusion, nature of resulting vertical natural convection flows 2—6027
fluids, turbulent, characteristic functionals of random fields 2—3155
fluids, turbulent, concentration distrib. rel. to velocity field, characteristic functionals 2—6014
fluids, turbulent, Hopf eqn. based on Oseen eqn. 2—3156
gravitational particles, stochastic theory 2—17272
infinite slab, plane source of finite duration 2—11382
ion enhanced, collisionless plasma, in quasistable drift waves 2—39104
ions, unipolar, for charging of aerosols, minimum flux criteria for estimation of charging rate 2—28919
kinetic theory, relativistic, of four component gas mixture 2—6151
macromolecule chain on two-dimensional lattice, self- diffusion 2—35365
magnetron, smooth-bore, turbulent diffusion study by Brownian motion 2—37925
mass transfer with irreversible chemical reaction in a laminar boundary layer 2—6015
metal, surface self-diffusion, book 2—28989
metal, surface self-diffusion, elec. field effect 2—1162
metal film-Si substrate, low-temp. Si migration, ion backscatt. obs. 2—39468
metal particle, surface diffusion and sintering enhancement by addition of impurities decreasing surface m.p. 2—22326
moving cylindrical incompressible plasma, of magnetic field 2—21794
multilayer film, interfacial, ion back scattering analysis 2—15659
non-steady state solution using finite difference technique 2—7727
particle diffusivities and deposition velocities over horiz. smooth surface 2—22015
passive scalar, in turbulent flow 2—28469

Diffusion continued
perturbed angular correlations of gamma radiation, effect of slow rotational diffusion 2—20204
plasma, ambipolar coeff. meas. using Langmuir probes from cross spectrum of thermal density fluctuations 2—12410
plasma, bounded, mean diffusive motion time of charges 2—15450
plasma, effect on damping of large amplitude waves 2—28631
plasma, microanomalous in electron bombardment ion engine, critical magnetic flux density 2—21812
plasma, three dimensional, in v. strong magnetic field 2—31946
plasma, toroidal 2—24669
plasma, toroidal confinement 2—24727
plasma, toroidal with non-circular cross section 2—24670
plasma afterglow, weakly ionized unstable, ambipolar diffusion 2—15447
plasma drift-diffusion instability of weakly ionised inhomogeneous plasma 2—3247
plasma flow confined magnetically, ambipolar theorem 2—31955
plasma in d.c octopole, neoclassical, intermediate and Pfirsch-Schulter diffusion 2—35464
plasma in magnetic field, anomalous contribution of l.f. fluctuations 2—24668
plasma pinch, anomalous, and electron cyclotron drift instability 2—24667
plasma with periodic smoothing in phase space, numerical simulation 2—28512
point defects, diffusion in stress gradient 2—32496
resonance excitation through gas, one-dimens. analogue 2—38818
sedimentary pipe flow 2—35805
self-diffusion coefficient, calculation using high temperature perturbation theory in Kubs-Green method shown to be invalid 2—30826
self-diffusion effects on spin-echo signals in two- spin systems 2—768
self-diffusion in dense fluids, applic. of BBGKY hierarchy 2—20881
shear flow past semi-infinite flat plate, diffusion and viscous effects 2—28445
silica, adsorbed benzene, surface self diffusion, n.m.r. spin echo obs. 2—35929
single point in long macromolecules, time dependence, mechanical simulation 2—8831
sintering, material transport mech. in early stages 2—36255
solar magnetic fields 2—20690
steel, surface layer formation from AlC_3, HCl, H_2 and ferro-aluminium alloys at 800°C 2—39927
surface, condensed crystallite Brownian migration, epitaxy relation 2—6339
surface, crystallite Brownian migration, epitaxy relation 2—6340
surface, rel. to cryst. growth rates in impure soln. 2—29086
surface active molecules, interfacial region, drop and bubble motive 2—28920
surface diffusion processes, influence on kinetics of heterogeneous nucleation 2—1170
thermal, in critical region of binary fluid systems 2—8872
thermal, in fluid layer subject to temp. gradient 2—18549
thermal and mass buoyancy effect causing natural convection flows adjacent to horizontal surfaces 2—21738
thermophoresis of volatile aerosol particles and droplets of solutions 2—22013
three component system, relationships between diffusion coefficients when two components are isotopically related 2—21723
turbulent, longitudinal, of turbulent flow in tube, studies by n.m.r. method 2—28455
velocity autocorrelation function and memory function, parametrized analytic expansions 2—7726
viscous fluids, effects of inertia on Brownian motion of rigid particles, determ. diffusivity 2—24595
welding, physical and metallurgical principles 2—1355
AgBr, surface, self-diffusion of Ag^+, tracer technique 2—3491
Al bicrystal, surface diffusion effects on grain boundary electromigration 2—39734
Au surface, self-diffusion, contaminants effect, Auger spectra 2—32334
Ce adsorbed layer, surface electromigration on W tip 2—6388
Cs plasma, turbulent 2—24665
Cu, chemisorption of Cl, Br, T, effect on surface self diffusion, 303-1044°C 2—9249
Cu, surface coeffs. vapour phase at transport rel. to meas. 2—32337
α-Fe surface, diffusion layer form. by metal-gas interaction 2—39458
H detection in dynamic Na system 2—1765
He, field free magneto-plasma, perpendicular, rel. to oscillation 2—8975
KCl substrate, Brownian motion of Al crystallites, rel. to epitaxy 2—32359
Mo-C-O alloy, C and O surface migration, rel. to chemisorption and precipitation 2—9252
Mo, surface diffusion of Cu 2—28999
Nb surface, of Zr, rel. to two dimensional crystal growth 2—18947
Ni, of S, on (110) face, Auger spectroscopy 2—3499
O_2 with H_2 traces, drift and diffusion of electrons 2—15501
W surface, of Zr and W, rel. to two dimensional crystal growth 2—18947
W surface migration of adsorbed Y atoms, elec. field effect 2—9313
Zr-C alloy, C surface migration rel. to chemisorption and precipitation 2—9252

acoustic waves
see also Scattering/acoustic waves
No entries

electromagnetic waves
see also Scattering/electromagnetic waves
No entries

light
see also Reflectivity; Scattering/light
binary mixtures, study of critical behaviour 2—35764
cyclohexane-aniline binary mixtures, study of critical behaviour 2—35764
glass MS19, light diffusing, spectrophotometric characteristics 2—33189
integrating sphere, general theory for measurement of reflection, absorption, transmission factor at diffused illumination 2—27589
optical depth measurement in diffusing medium 2—2434
screen, diffusing, with small angle light scatt. 2—320
speckle patterns in unfiltered sunlight 2—14452

Diffusion columns *see Diffusion in gases/thermal; Isotope separation*

Diffusion in gases
see also Flow/gases
atmosphere, vertical turbulent diffusivity, obtained from Tn profiles 2—37144

Diffusion in gases continued
atmosphere over nuclear power station sites rel. to meteorological parameters 2—20321
binary in turbulent boundary layer with suction or injection 2—28709
binary mixtures, in fine capillaries and flow 2—24955
electron mobility in electric field rel. to density 2—21871
electrons, inelastic collisions in Townsend Huxley experiment 2—18750
electrons, nonisotropic, Townsend-Huxley expt. 2—24834
electrons in gases, theory of anisotropic diffusion 2—35689
homologous series, regularities in diffusion coefficients 2—6166
hydrocarbons in air, regularity in coefficients of homologous series 2—32188
ionization and recombination, time-dependent convection-diffusion equation, nonlinear initial boundary value problem 2—12452
methane-perdeuteriopropane mixture, calc. of self and mutual diffusion coeffs. 2—32189
slip coefficient for multicomponent gas mixtures 2—3282
suspension in turbulent jets, rel. to small particle size 2—25123
trennschaukel measurement method 2—21926
turbulent, in atmosphere, effect of observation time 2—10728
turbulent air stream under transverse flow conditions, equation for diffusion of electrically charged particles 2—32187
Cs afterglow, mechanism obs. 2—24841
H_2-N_2, determ. of binary diffusion coeffs. as function of temp., pressure and conc. 2—9045
H_2, of H, mutual diffusion coeff. 2—9043
He-Ar, determ. of binary diffusion coeffs. as function of temp., pressure and conc. 2—9045
He-Ar, diffusion coeff. temp. dependence, gas chromatographic determ., 300 to 800 K 2—21927
He-H_2 system, mutual diffusion coefficients, meas. from 77 to 920 K 2—9044
He-N_2, diffusion coeff. temp. dependence, gas chromatographic determ., 300 to 800 K 2—21927
He-N_2 mixture, binary diffusion coeff. 2—32185
He-Ne system, conc. depend. 2—24987
He arcs, effect on line intensities and temp. 2—24940
^4He-^3He, diffusion coeff. temp. dependence, gas chromatographic determ., 300 to 800 K 2—21927
N_2, of Hg vapour, diffusion coeff. 2—630
NO, flame photometric determinations of diffusion coefficients 2—1041
N_2O, enhancement of turbulent diffusion in parallel wall duct 2—3312
Ne-Kr mixtures, binary diffusion coeff. determ. from viscosity meas. 2—35688
Ne, of Hg vapour, diffusion coeff. 2—630
O^+ in O_2, in electric field 2—24988
W/Br lamps, direction of chem. W transport 2—40797

thermal
film theory in simultaneous heat and materials transfer, application to psychrometry 2—5272
mixture, separation in convection along vertical wall 2—35690
monatomic mixtures, concentration dependence of thermodiffusion contact determ. from potential parameters 2—35373
polyatomic, kinetic equation solution using rigid ellipsoid collision model 2—15544
prograde and retrograde motion, consequences for cytherian atmosphere 2—1988
thermal diffusion factor, dimer formation effect at low temp. 2—3332
thermal diffusion factors, isotopic, determ. 584-803 K 2—9047
transpiration in a capillary wall accommodation, Burnett theory 2—28744
Ar-Ne mixture, thermal diffusion factor meas. 2—3333
I_2 thermal diffusion in inert gases 2—9046
Kr-Ar mixture, thermal diffusion factor meas. 2—3333
Ne, resonant charge transfer cross sections 195 to 690 degrees K 2—39290
SF_6, diffusivity along critical isochore determ. from spectrum and intensity of scattered light 2—12512

Diffusion in liquids
see also Flow/liquids
1,2-dichloroethane, p.m.r. obs., rel. to mol. motion 2—35794
additive solutions, expt. on turbulent diffusion 2—32249
alkali silicate melts, of alkali metal cations 2—35751
alloy, electrotransport reversal comp. 2—39353
alloy melt, diffusion velocity, rel. to atomic struct. 2—25071
p-azoxyanisole liq. cryst., self-diffusion anisotropy, coeffs., neutron diffr. obs 2—6225
binary mixture, of hard spherical macromols. of dissimilar size, low conc. range 2—32252
binary nonideal systems, molecular diffusion coeffs. meas. 2—28828
chloroform-carbon tetrachloride system, tracer and mutual diffusivities 2—25065
from collapsing gas bubble in adiabatic limit, solubility inversion effects 2—1059
critical binary mixture, signal correl. obs. 2—25064
cryolite-alumina mixtures, alumina diffusion, temp. and comp. depend. 2—28825
cupronickel melt. of carbon, coefficient of diffusion 2—6216
diaphragm cell for obs. under pressure 2—3381
diffusion equation, generalization 2—39354
dispersion equation in porous media, perturbation solutions 2—28753
Eyring's theory, some applications for large molecules 2—32250
flowing solvent, cumulants of the distribution of concentration of a solute 2—12517
high temp. solns., crystal growth, stirring 2—3581
Lake Michigan, eddy diffusivity 2—10708
lyotropic liquid crystal, self-diffusion relax. time obs. 2—35796
of matter in turbulent shear flow, general method for solution of problem 2—6030
measurement using hologram interferometry for isothermal diffusion 2—25062
membrane, electrolyte transfer in steady elec. and mag. fields 2—39356
membranes, simulation by lumped RC network 2—2326
metal, self-diffusivity data, transport props. 2—28807
metal and alloy, structural model, threshold energy 2—9119
metal systems, molten Sn bath for activation vol. determ. 2—9606
molecular motion study 2—35742
molecular self-diffusion, spin echoes, nonexponential decay, Gaussian model 2—13420
monosubsituted benzenes, coupling between rotational and translational motions, pressure dependence 2—39392

Diffusion in liquids continued
- monovalent alloy, electrotransport, phase shift approach 2—21971
- multicomponent liqs., transition state theory 2—28821
- multicomponent systems, principle of equivalent states 2—28819
- multiphase diffusion, interdiffusion coeffs. 2—12790
- nematic liquid crystal, self-diffusion of isotropic phase 2—21975
- polyethylene melt, mechanism for diffusion of small molecules 2—22237
- polylysine in solution, diffusion coeff. as function of concentration determ. from spectrum of scattered light 2—39403
- polymer, drag-reducing, suppressed diffusion in a turbulent boundary layer 2—25014
- polymer solns., dilute, transport of fluids 2—1091
- polymers, drag reduction in turbulent boundary layers 2—25013
- pressure dependent diffusion in velocity sedimentation 2—32283
- protein solns., dilute, transport of fluids 2—1091
- rotational and progressive diffusion of radicals, e.p.r. obs. 2—30018
- saline solution, non-Newtonian diffusion of O_2 2—35749
- sea, stability of heat/NaCl layers 2—20279
- sea water, shallow, vertical 2—1813
- seawater, horizontal diffusion in stratified vertical shear flow 2—37119
- self-diffusion coefficient calculated including finite term for entropy of activation 2—21974
- supersaturated liquids, of solute, effects on bubble growth rates 2—32206
- thiophene, self diffusion coeff. mol. motion study 2—9184
- toluene, self-diffusion coeffs. and rotational correlation times 2—21973
- ultrafiltration mass transport, enhancement due to u.s. waves 2—30044
- velocity autocorrelation function and memory function, parametrized analytic expansions 2—7726
- water, of H_3PO_4, at 35°C 2—28826
- water, supercooled, self diffusion coeff. meas., +30 to −25°C, computation of viscosity and dielectric relaxation time 2—9120
- water, surface wind and quasi-periodic current structures 2—10713
- wind disturbed water surfaces, diffusion sublayer thickness 2—4651
- Ag, of oxygen, potentiostatic meas. method 2—12554
- AgI, self-diffusion between 580° and 620°C, porous-frit technique 2—28824
- $AgNO_3$, internal electromigration mobilities of ^{22}Na and ^{24}Na, relative difference 2—28827
- Al/Al-Zn diffusion couples, solid-liq. 2—6513
- Ar, triple pt. phenomena 2—21953
- $AsH_3(D_3)$, liq., transl. diff. from pulsed n.m.r. relax. obs. 2—35792
- BO_3 melt, O_2 self-diffusion 2—15581
- Cu-Mn, Cu-Ni alloys, rel. to solidification 2—28936
- Fe, of hydrogen, effect of impurities 2—25063
- ^{59}Fe self-diffusion in water solutions 2—32253
- Ga, impurity diffusion of tracer ^{115m}In investigated between 73° and 266°C 2—35747
- Ga, supercooled state, of Zn, 238.5-363 K 2—15582
- HBr in DBr, self diffusion, from spin-lattice relax. obs. 2—6253
- HCl in DCl, self diffusion, from spin-lattice relax. obs. 2—6253
- H_2O, of O_2, applicability of Stokes-Einstein equation 2—32251
- ^4He-^3He dil. metastable solns., diffusion due to α-particles 2—32293
- ^4He, of ^3He isotope, obs. using thermal neutrons 2—25126
- Hg, self-diffusion, effect of cell dimens. on meas. results 2—35748
- In, self-diffusion thin layer slicing method 2—28823
- LiF-BeF_2-ZrF_6, of Ni, diffusion coeff. determ. by linear sweep voltammetry and chronopotentiometry 2—18810
- $LiNO_3$-$AgNO_3$ molten salt mixtures, ion migration 2—28892
- $LiNO_3$, molten, diffusion coeff. of F^- and Br^- 2—21976
- ^{52}Mn self-diffusion in water solutions 2—32253
- NH_3, translational mol. motions from neutron scatt. obs. 2—35726
- NH_4Cl aqueous solns., NH_4^+ self-diffusion coeffs. 2—1092
- $(NH_4)_2SO_4$ aqueous solns., NH_4^+ self-diffusion coeffs. 2—1092
- Na, velocity autocorrel. function and self-diffusion coeff. 2—32226
- $NaNO_3$-$AgNO_3$ molten salt mixtures, ion migration 2—28892
- $NaNO_3$, molten, diffusion coeff. of F^-, Br^-, I^-, CO_3^{2-}, SO_4^{2-} 2—21976
- Pb-Bi system, contact melting 2—18879
- $RbNO_3$, molten, diffusion coeff. of I^- and CO_3^{2-} 2—21976
- Sb-Cd(Sn)(In) melts, interdiffusion coeffs., conc. depend. 2—9121
- ^{85}Sr self-diffusion in water solutions 2—32253
- Te, coefficient of self diffusion and variation with temp. 2—39355
- **thermal**
  - carbon tebachloride- benzene system conc. gradient meas. as function of temp. grad. and flow rate 2—21977
  - dispersion studies, distorted hydraulic models, pollutant dispersal 2—28748
  - metals, phenomenological theory 2—28822
  - natural convective heat transfer from rough vertical surface 2—5271
  - ocean, subtropic, heat balance 2—13649
  - seawater, turbulent thermohaline convection, upper bound 2—10712
  - Soret coeff. meas., exptl. review, correlation with buoyancy driven instability 2—21972
  - ternary system, diffusion coeff. matrix, thermodynamic contrib. determ. 2—28820

Diffusion in solids
- *see also Permeability, mechanical*
- alkali halide, NaCl type, of saddle point F-centre, excess electron role 2—15782
- alkali halides, investigation of eqns. for diffusion of impurity divalent ions 2—9591
- alkali halides, isotope effect of electromigration 2—29209
- alkali metal iodides, of rare gases 2—3809
- alloy, correl. effects in vacancy diffusion 2—9604
- alloy, diffusional motion of nonspherical inclusions 2—39718
- alloy, heterogeneous, stable electronic configuration model 2—25459
- alloy, long range, role in ordering kinetics 2—9831
- anisotropic cryst., diffusional motion of spherical inclusions 2—39720
- atomic vol. changes, volume fraction treatment 2—32558
- b.c.c. lattice, combined diffusion and drift of atoms under external force 2—9605
- benzene single crystals, self-diffusion, isotope mass effect 2—25464
- bimetal structures, of C and Ni 2—1270
- binary metal oxide, nonstoichiometry, diffusion and elec. cond., book 2—39677
- binary multiphase systems, phase growth rate in diffusion layer during interdiffusion 2—39719
- binary system, appl. of Gibbs' formula 2—12793
- borosilicate glass, film, B diffusion source, i.r. absorp. 2—16483
- concentration distrib. meas. by immersion method, microscopy and refractive index obs. 2—19135

Diffusion in solids continued
- crystals, non-uniform, statistical- kinetic theory 2—25456
- cyclohexane, delayed fluorescence, self-diffusion mechanism 2—4501
- cyclohexane, self-diffusion in plastic crystals 2—32569
- cyclohexane, translational self diffusion, press. depend. 2—29228
- cyclooctane, self-diffusion, vacancy mechanism, NMR linewidth meas. 2—15793
- diamond, correlation factor for charged impurities 2—29192
- diffusion layers, Fe cementation by C and N_2 2—9274
- dynamical theory, impurity isotope effects 2—25457
- EPIC semiconductor technology, two step impurity diffusion into finite crystals 2—36552
- f.c.c. lattice, correl. factor for impurity diffusion by divacancy mechanism 2—32557
- ferromagnetic films, standing spin wave reson. obs. 2—40502
- forced atomic transport meas. by elec. methods 2—19138
- garnet, of Fe^{2+}, rel. to mag. anisotropy 2—39731
- gases in capillaries and catalysts, model 2—18726
- glasses, cation mobility determ. by direct meas. of drift velocities 2—1268
- grain boundary diffusion parameters, calc. method 2—9607
- grain boundary precipitates, diffusion controlled coarsening behaviour 2—32539
- grain-boundary, copper in iron, measurement of coefficient 2—1271
- graphite, kinetic theory of surface and thermal diffusion in adsorbed Ar isotopic mixtures 2—39549
- Gunn effect materials with field-dependent diffusion, Shockley's positive conductance theorem 2—4195
- harmonic lattice, impurity atom motion, stationary generalized Langevin equation 2—22235
- hexamethylethane, self-diffusion, vacancy mechanism, NMR linewidth meas. 2—15793
- hexamethylethane, translational self diffusion, press. depend. 2—29228
- ice, of helium, activation energies 2—9620
- impurities, rel. to linewidth, line position of fine struct. Mossbauer spectra 2—19980
- interdiffusion, Kirkendall effect, thermodynamics 2—22234
- interdiffusion penetration profiles, Fourier analysis 2—15786
- interface equilibrium concentrations 2—9609
- interstitial migration mechanism 2—19091
- interstitial-substitutional dissociative mechanism 2—6509
- Kirkendall effect, Darken's equations appl. 2—12794
- lacquer layer 2—19149
- Laves phases, physical props. 2—9476
- leading to macroscopic deformation, lumped RC network as analogue model 2—2327
- localized defect, multi-phonon process 2—1266
- measurement, high stability electronic microbalance construction 2—36072
- metal, coefficients for H and D 2—29229
- metal, diffusional motion of nonspherical inclusions 2—39718
- metal, large vacancy thermal expansion effect on press. variation of activation enthalpy 2—39722
- metal, of gas det. of activation energy 2—39717
- metal, relation between melting heat and activation energy 2—39726
- metal, self diffusion, curved Arrhenius plots 2—19133
- metal, self-diffusion, high temp., rel. to creep deform. 2—12875
- metal, self-diffusion, pseudopot. applic. 2—12791
- metal film, of disparate metal, electron microscopy techniques 2—39732
- metal film, void form. and growth during electromigration 2—9608
- metal films, review 2—19137
- metal interface, diffusional kinetics of intermetallic phase form., theory 2—36074
- metal surface, of H ion rel. to trapping, reflection and re-emission 2—39551
- metal systems, molten Sn bath for activation vol. determ. 2—9606
- metals, of H_2, effect of microvoids 2—39723
- metals, of noncond. inclusions, pores, in elec. field 2—29208
- metals, phase growth under influence of ultrasound 2—25460
- metals, wire specimens, saturation with ionized media in glow discharge 2—6508
- m.i.s. structure, of ions in oxide layer 2—18919
- molecular cryst., internal mobility, n.m.r. obs. 2—10538
- Mossbauer line broadening and weakening due to impurity diffusion 2—13441
- multiphase diffusion, interdiffusion coeffs. 2—12790
- neopentane, self-diffusion in plastic crystals 2—32569
- n.m.r. applic. to diffusion mechanism determ. 2—25458
- noble metal, interstitial H, lattice relaxation 2—9613
- norbornylene, translational self diffusion, press. depend. 2—29228
- particle strengthened systems, interstitial form. and migration, rel. to high activation energy for steady state creep 2—29267
- particles, pores, loops, diffusional mobilities 2—25441
- perylene, film, pure, bistable switching, electrode material diffusion 2—16219
- photo-emission electron microscope obs. of diffusion phenomena 2—9612
- plastic cryst., translational self diffusion, press. depend. 2—29228
- plastics, of gases and vapours as method of introducing additives to high pressure gas streams 2—5095
- point defect, in strain gradient 2—1267
- polyalkylmethacrylates, transient state diffusion of water 2—15794
- polycarbonate film, thin, leak rates of N_2, O_2, He, H_2, H_2O, Ar, Ne, methane 2—3816
- polyethylene, mechanism for diffusion of small molecules 2—22237
- polymers, amorphous, rot. and progressive diffusion of radicals, e.p.r. obs. 2—30018
- porous solids, gas diffusion, limitation of rates of reactions 2—3307
- positron diffusion into interstices 2—25701
- pulsed field gradient technique for meas. of coeffs., general formulae for primary and stimulated echo 2—12796
- α-quartz, Ag electromigration paths and cryst. perfection 2—29223
- quartz, elec. conductivity due to OH diffusion 2—6751
- quartz, electrolytic sweeping of alkali ions 2—4598
- quartz, fused, gas permeability 2—25471
- quasi-elastic neutron scattering study 2—19401
- radiation damage, defect formation and diffusion on heavy particle bombardment 2—39666
- reaction kinetics, diffusion controlled, rel. to radiation damage 2—19070
- reactor fuel element, porous, of fission gases 2—31628
- refractory oxide, of oxygen, mass spectrometer sectioning meas. technique 2—36250

Diffusion in solids continued
- relaxion model for correl. with melting 2—36071
- self diffusion, activation volume measurement techniques 2—29204
- self diffusion, defect mechanisms, role in calc. temp. dependence of spin relaxation 2—7001
- self diffusion coefficient, from spin echo experiments 2—39721
- self diffusion rel. to periodic law of electronic layers and solid solubility 2—12792
- semiconductor, heavily doped, local charge neutrality and one-band approx. 2—36059
- semiconductor, heterogeneous, diffusion coeff., calc. 2—19616
- semiconductor junction, p-n, impurity conc. depend. 2—10084
- semiconductors, ion bombardment, impurity diffusion, carrier behaviour 2—25803
- semiconductors, ion retention, saturation effects during implantation 2—25418
- semiconductors, ion retention, saturation effects during implantation 2—25420
- solid, deformable, gas bubble, dynamics and growth 2—9515
- solid-solid reaction, phase boundary reaction effects 2—19134
- spinel, self-diffusion activation energies 2—9610
- stainless steel plating, of C, comparison of fabrication methods 2—9619
- steel, austenite, of C, effect of annealing struct. defects 2—32561
- steel, chilled, hydrogen permeability and embrittlement, drawing temp. depend. 2—29219
- steel, grain boundary impregnation by Pb, mechanism for adhesion of Pb coating 2—3978
- steel, of atomic H, in steel, effect of Si and Mn content 2—6579
- steel, of C, diffusion laws applied to heat treatment 2—9741
- steel, permeability of H, Pd addition effect 2—29217
- steel charged with hydrogen, internal friction peaks following cold working 2—39926
- stress-induced diffusion in ionic crystals 2—29173
- succinonitrile, self diffusion process of translatioal mol. motion, n.m.r. study 2—1738
- ternary systems, phase growth kinetics 2—39910
- tetracene, film, pure, bistable switching, electrode material diffusion 2—16219
- tetramethylsuccinonitrile, self diffusion process of translational mol. motion, n.m.r. study 2—1738
- thin film, review 2—39724
- thin film electromigration damage inhibition 2—39725
- titanates, oxygen self diffusion obs. 2—12814
- transistor fabrication, enhanced diffusion 2—9590
- transition metal monocarbides, C self-diffusion 2—9622
- transition metals, diffusion of ^3H, study using time lag methods 2—19136
- vacancies, coeffs., distrib. in diffision zinc, conc. 2—19085
- vacancies, transition to neighbouring lattice node, freq., temp. depend. 2—1246
- vacancy mechanism influence on spin-lattice relax. time in rot. frame 2—10262
- zeolites, n.m.r. pulsed field gradient obs. 2—10592
- Zircaloy-2, of Ni and Sn 2—12817
- Ag-CdO composites effect of additives from Groups IA, IIA on morphology, properties 2—36261
- Ag-Zn alloy, radiation enhanced, ordering annealing 2—3817
- Ag-Zn cold-worked alloy, electron irrad. enhanced 2—9614
- Ag, of Au and Pb, along grain boundaries, in Au/Ag/Pb film struct. 2—22243
- Ag, simultaneous of ^{105}Ag and ^{110}Ag, isotope effects, 1046-1227K 2—25466
- Ag film, annealing, hole growth, island formation 2—25194
- Ag film, electromigration direction 2—36075
- Ag film, of Si from single cryst., low temp. migration 2—3812
- Ag film, surface diffusion, hillock formation 2—25193
- Ag permeation membrane, O_2 passage 2—25461
- $AgAl_{11}O_{17}$, sodium β-alumina isomorph., stoichiometry and defect struct. rel. to cation mobility 2—18965
- AgCl, of Mn^{2+} ions, temp. depend. 2—29213
- AgCl, pure and Cd-doped, of Cd, temp. depend. 2—39733
- α-Ag_2S, self diffusion coeffs. derived from ionic conductance 2—16272
- Al/Al-Zn diffusion couples, solid-liq. 2—6513
- Al-Cu alloy, activation energy for electromigration 2—12797
- Al-Cu conductors, electromigration life depend. on grain size distrib. 2—32560
- Al-Cu film conductors, electromigration life, microstructure effects 2—39735
- Al-Cu films, electromigration failure activation energy 2—39736
- Al-$CuAl_2$ eutectic, of Zn, dislocation and boundary effects 2—3818
- Al-Zr alloy, diffusion controlled precipitation of Al_3Zr phase 2—36273
- Al, divacancy migration, pseudopot. theory 2—15748
- Al, intergranular embrittlement by liquid Ga, vacancy diffusion 2—12800
- Al, intergranular of Zn, struct. effect 2—12799
- Al, of Au and Cu, temp. depend. 2—12798
- Al, of Zn, in bicrystals bent about <001> axis 2—25462
- Al, self diffusion, tracer and n.m.r. studies 2—9615
- Al (KO-1) alloy, of Cu, from secondary phase and dendrite arm obs. 2—32529
- Al alloys, of ^{26}Al in intermetallic phases $FeAl_3$, Fe_2Al_5, FeAl, Fe_3Al, $FeAl_2$ formed during welding 2—9603
- Al bicrystal, electromigration of grain boundaries, surface effects 2—39734
- Al encapsulated film conductor, mech. constraints and pressure effects on electromigration 2—22238
- Al film, containing Si, electromigration 2—6510
- Al film, of Si, rel. to integrated circuit metallization 2—19142
- Al film, of Ti atoms 2—12653
- Al film, of Ti during deposition of Al on Ti substrate 2—12654
- Al film, on ion-implanted Si, interfacial migration 2—19120
- Al into Au or Pt diffraction gratings, deterioration of reflection coating 2—1661
- Al metallization on Si, enhanced effects due to ion implantation 2—25472
- $Al_xGe_{1-x}As$, solubility of Zn, anomalies obs. using different diffusion sources 2—9592
- β-Al_2O_3:Ag, filament formation due to Ag migration 2—9446
- Al_2O_3, corundum, diffusion creep 2—9670
- Au-Ag alloys, electron irrad. effects 2—39737
- Au, film, of Si in Si/Au contacts, low temp. migration 2—15791
- Au, self diffusion coeffs. meas. in 360-740° C range by electrolytic sectioning technique 2—3808

Diffusion in solids continued
- Au film, electromigration direction 2—36075
- Au film, electromigration induced failure, role of grain boundaries 2—36076
- Au film, of Si from single cryst., low temp. migration 2—3812
- Au films, electromigration-induced failures 2—19544
- $BaTiO_3$: Nb, Nb diffusivity rel. to grain growth 2—1269
- $BaTiO_3$ ceramic semiconductor, of Mn^{2+}, barrier layer formation 2—13219
- Be, self diffusion activation volume 2—29204
- Bi-Pb alloy, diffusion zone depth estimation during contact melting 2—32565
- CaF_2 crystal of ^{133}Xe, 750-1000°C, radiation defect trapping 2—22245
- $Ca_{10}(PO_4)_6Br_2$, study of anisotropy of OH^- diffusion using birefringent technique 2—7163
- $Ca_3(VO_4)_2$, of O under applied elec. field 2—25918
- CdO, donor diffusion, activation energy 2—15781
- CdS, of Ag, diffusion coeff., electric and optic- photoelectric meas. methods, 423-773K 2—9617
- CdS, of Se and Te, temp. depend. 2—3820
- CdS, of Te, vapour pressure method, concentration profiles detn. 2—9593
- $CdS_xS_{(1-x)}$, diffusion processes and application to integrated optical circuit component fabrication 2—38102
- CdSe, of S and Te, temp. depend. 2—3820
- CdSe, polarity depend. transport of Cu atoms 2—16250
- CdTe, of S and Se, temp. depend. 2—3820
- CdTe, outdiffusion of implanted ions on annealing 2—25370
- Ce, cubic centred self diffusion, Arrhenius law 2—12801
- Ce, f.c.c. γ-phase, and b.c.c. δ-phase, Au and Ag solute diffusion 2—29215
- Ce, self-diffusion in f.c.c. γ- and b.c.c. δ-phases 2—3822
- Ce b.c.c., self-diffusion, serial sectioning method 2—3821
- CeO_{2-x}, oxygen transport and effects on structure 2—10623
- β-Co-γ-Co_2Ta, eutectic system, lateral diffusion of Ta 2—12720
- Co_2SiO_4, of Co and ^{18}O 2—32566
- Cr-Ni-Ti, austenitic steel, diffusion processes, fission formation, rel. to creep resist. 2—9675
- Cr-Ni alloy, high temp. self diffusion of ^{51}Cr 2—12802
- Cr-W alloy, grain boundary diffusion, interface reaction, Kirkendall effect 2—22246
- Cr, high temp. self diffusion of ^{51}Cr 2—12802
- Cs halide, rel. to Maxwell Boltzmann distrib. of defect pairs 2—36015
- CsCl, bulk diffusion of Cs^+ in phase transition region, relation to vaporization rate 2—12620
- CsCl, of inert gas, and ionic conductivity, phase transform. effects 2—15788
- CsI, of ^{134}Cs and ^{86}Rb, temp. depend. 2—22247
- Cu/α-brass diffusion couple, substruct. of diffusion zone 2—39739
- Cu-Al solid solution, rel. to steady state creep rate 2—15850
- Cu-Cr-Si alloy, internal oxidation, precip. morphology 2—29427
- Cu-Ni-Sn system, Cu corner, binary and ternary diffusion 2—19143
- Cu-Ni alloy, interdiffusion, void form., marker movement, press. effects 2—39738
- Cu-Ni alloy, Kirkendall effect and diffusion coeff. 2—39740
- Cu-Pd(Ag) bimetal films kinetics and size effects 2—9618
- Cu-Zn-Al γ-brasses production advantage and limitations 2—15718
- Cu-Zn solid solution, rel. to steady state creep rate 2—15850
- Cu, divacancy migration, pseudopot. theory 2—15748
- Cu, of Co, correlation factor and mass dependence 2—36617
- Cu, of oxygen, coeff. determ. using solid electrolyte 2—25467
- Cu, of Zn, resulting dislocation arrangements 2—25404
- Cu, powder, self-diffusion mechanism, sintering kinetics, mass transport 2—22346
- Cu crystal, of Ru dislocations effect, 725-1062°C 2—12803
- Cu film, electromigration direction 2—36075
- Cu(14.3 wt.%)Al, precipitation, interphase boundary diffusion 2—22248
- Cu_9Al_4—X, X=Mn, Fe, Ni, ternary mixed powder compacts, Kirkendall diffusion, sintering behavior 2—19279
- Cu_3Au heterogeneous biphase structure 2—39727
- Fe-Al-Cr alloy, of H_2, 300-700°C, oxide film effect 2—29216
- Fe-Al, system in Al vapour, interdiffusion in α-solid solution 2—3810
- Fe-C alloy, H_2 embrittlement, comp. depend 2—12899
- Fe-Co alloy, of Co, effects of α-γ, order-disorder, and para-ferromag. transitions 2—39741
- Fe-Cr-Ne, austenitic alloy, volume and intergranular diffusion, grain boundary energy, comp. depend. 2—12808
- Fe-Cr alloy, C impurity effects 2—12806
- Fe-Ni alloy, of H_2, coeff. determ. 2—36080
- Fe-Ni alloys, of C, activation volumes 2—19144
- Fe-Pd system, chemical diffusion and Kirkendall effect, 1100-1250°C 2—12804
- Fe-Si, alloy, of S, scanning microscope micro-autoradiograph obs. 2—12809
- Fe-Sn compound, C influence on equilib. diagram, diffusion couple method 2—9835
- Fe-Zn diffusion couple, intermetallic phase form. 2—29390
- Fe-Zn system, phase formation under press. 2—12996
- Fe, carbonyl, annealing, deformation, H permeability, 100-650°C 2—29218
- Fe, chrome aluminizing, joint diffusion of elements 2—3929
- Fe, grain-boundary diffusion of copper, measurement of coefficient 2—1271
- α—Fe, intergranular, of P 2—12807
- α-Fe, isotope effect for self-diffusion and correl. factor of solute diffusion 2—25468
- αFe, of Al, Si and As, conc. depend., 800-1300°C 2—12805
- Fe, of H, influence of cavities 2—6514
- Fe, of H, under low temp. plasma conditions, meas. apparatus 2—36077
- Fe, of P, grain boundary, effects of C 2—22249
- α-Fe, of S, scanning microscope micro-autoradiograph obs. 2—12809
- α-Fe, of Sn, Arrhenius law deviation, Curie pt. phenomena 2—39728
- Fe alloys, graphite precipitate, formation and spatial configuration 2—15908
- $FeSO_4.7H_2O$, trimethylene glycol solution, molecular motion, diffusion, molecular motion, Mossbauer effect 2—22738
- Fen-ni alloy, of C, effect of annealing struct. defects 2—32561
- n-GaAs:Zn, ion bombarded, enhanced diffusion 2—25446
- GaAs:Zn, of Zn, conc. profiles 2—22224
- GaAs, ion implanted, anomalous diffusion of defects 2—25445
- GaAs, of Zn, isoconcentration technique 2—15789

Diffusion in solids continued
GaAs, of Zn 2—32562
GaAs p-n junction, of Cu, illumination influence 2—10085
$GaAs_{0.6}P_{0.4}$:Te, of Zn, from Ga-P- Zn source, p-n junction form. 2—9586
GaP, of Be, profiles and coeffs. determ. 2—25444
Ge, of Na, constant vapour source, solubility detn. 2—36056
HCl, self-diffusion in plastic crystals 2—32569
H_2S, self-diffusion in plastic crystals 2—32569
Hf-2.1%Zr, of ^{181}Hf, bulk self diffusion 32563 2—32563
In film, electromigration direction 2—36075
InSb, outdiffusion of implanted ions on annealing 2—25370
KBr, diffusion coefficient of hydrogen 2—19139
KCL self diffusion, ionic conductivity, vacancy defect study 2—19140
KCl-KBr powder mixtures, rel. to mixed cryst. form. 2—32742
KCl, cation and anion diffusion coeffs. 2—1247
KCl, diffusion coefficient of hydrogen 2—19139
KCl, laser-stimulated atomic migration 2—25463
KCl, of F-centres, temp. and conc. depend. 2—32553
KI, diffusion coefficient of hydrogen 2—19139
$K_2O.3SiO_2$ glass, effect of specific activity of diffusion ions 2—15792
Li, of ^{22}Na, under electric field 2—19145
Li, of Na, substitutional impurity, electrotransport 2—15787
LiF, electromigration of isotopic ions 2—9621
LiF, of Cu films, occurring during blast compression time 2—29203
Mg, electromigration direction 2—36075
Mg, self diffusion coeff., anisotropy 2—9623
Mg, single crystals, of Ag, Cd, In, Sn and Sb impurities diffusion constants, anisotropies 2—6515
Mg bronze, rel. to thermal treatment and allOy props. 2—9624
MgO, of Ba^{2+} and Sr^{2+}, high diffusivity paths 2—3823
MgO, of Ni and Ba, up to 2500°C, enthalpy of motion detn. 2—25469
Mg_2SiO_4, of Mg 2—32566
MnBi, preparation by solid diffusion, total excess sp. ht. for mag. transition at 640K 2—6962
Mo:C of C, diffusional mobility 2—36052
Mo-Pd system, electron probe microanal. study 2—36078
Mo-Re-C alloy, of C, diffusional mobility 2—36052
Mo, H_2 gas, reaction with C impurities to form methane molecule 2—22861
Mo, of H, surface effects 2—29220
Mo, of U, rate and temp. meas. 2—12795
MoO_3, O_2 self-diffusion, ionic cond. obs. 2—19148
NH_4NO_3, cation diffusion study by proton spin relaxation 2—25465
Na, self-diffusion enhancement by K additions 2—32564
Na, self-diffusion mechanisms 2—39744
NaCl, additively coloured, self-diffusion 2—39743
NaCl, diffusion of impurity Ca^{2+} ions, investigation of eqns. 2—9591
NaCl, impurity Mn diffusion from vol. to surface growth of MnO films 2—3536
NaCl, ion implantation of P, Kr, Xe, range distribs., diffusion processes, sectioning technique 2—9594
NaCl, of Na^+, temp. depend. of isotope effect 2—39742
NaCl, self-diffusion of Na, X-irradiation effects 2—32559
NaCl, self diffusion, ionic conductivity, vacancy defect study 2—19140
NaCl, self diffusion activation volume 2—29204
NaCl of Pb^{2+} and Cd^{2+}, simultaneous, effects of common ion interaction and effusion during quenching 2—12810
NaI, self-diffusion, n.m.r. relax. obs. 2—9626
NaI, self-diffusion, vacancy mechanism 2—9625
$Na_2O.3SiO_2$ glass, effect of specific activity of diffusion ions 2—15792
$Na_2[Fe(CN)_5NO].2H_2O$, trimethylene glycol solution, molecular motion, Mossbauer effect 2—22738
Nb, absorpt. of O_2, boundary conditions 2—16682
Nb, electrotransport of C, above 1900°C 2—22251
Nb, of H and D, quantum theory 2—15790
Nb, of U, rate and temp. meas. 2—12795
Nb, work hardened, interstitial diffusion, annealing temp. depend., resist. obs. 2—15910
Nb alloy, Cb-132, of O_2, rel. to oxidation behaviour 2—13578
Nb single crystals, anisotropic diffusion of hydrogen 2—9611
Nb_2O_5, O_2 self-diffusion, ionic cond. obs. 2—19148
Ni-(25 wt.%)Cr alloy, ^{51}Cr electrotransport, diffusion coeff. 1272 2—1272
Ni-Cu, interdiffusion coeff., conc. depend., diffusion coeff., at infinite dilution 2—19146
Ni-Zn system, phase formation under press. 2—12996
Ni, film, of Cu from substrate, influence on magnetization 2—4392
Ni, of Ag, lattice coeff. 2—12811
Ni, of H, quantum diffusion, freq. factor, tunelling effect, transfer mechanism, migration energy 2—12813
Ni, of H_2, coeff. determ. 2—36080
Ni, of oxygen, determ. from internal oxidation kinetics of Ni-Be alloy 2—29221
Ni foil, bulk diffusion of ^{14}C 350 to 700C 2—12812
Ni_3Al,$Ni_3(AlTi)$, of Ni 2—3811
Ni_4M, long range, role in ordering kinetics 2—9831
NiO, of Co and Ni, correlation factor and effect of Co addition 2—36079
Pb, Au, press. depend 2—3824
Pb, electromigration direction 2—36075
Pb, from creep characts. obs. 2—32619
Pb, interstitial diffusion of Cu 2—25470
Pb, self diffusion pressure depend., applic. to vacancy props. 2—36081
$PbCl_2$, self diffusion of Cl, isotopic exchange technique 2—36082
PbO:Bi, self-diffusion of O, 773-1073K 2—22612
PbSe epitaxial film, of sorbed H and O_2 2—39561
Pd-Ta system, investigation using electron probe 2—29205
Pd, film, on Si single cryst., interdiffusion 2—6352
Pd, of H and D, reversed isotope dependence, -60 to 200°C, dipole moment tensor 2—22236
Pt/Au, thin film couples, interdiffusion obs. 2—39745
Pt, film, of Si in Si/Pt contacts, low temp. migration 2—15791
Pt, film, on Si single cryst., interdiffusion 2—6352
Re, solubility of N_2, 2000-2700°C, 200-600 torr 2—32734
Rh/Fe-Ni, plated alloy, rel. to lattice parameters during heat treatment 2—9471
ScH_x, proton motion, n.m.r. obs. 2—20164
Si:Ga, In ion implanted, enhanced diffusion, atom location, He ion backscatt. obs. 2—25438
Si:In, Sb ion implanted, enhanced diffusion 2—25439
Si:In,Sb ion implanated, enhanced migration in presence of Al film 2—19121

Diffusion in solids continued
Si:P,As, simultaneous diffusion, backscatt. He ion and radioactive analysis obs. 2—32551
Si:P ion implanted, rel. to non-Gaussian profile 2—25437
Si-Al-Sn alloy, of H_2, rel. to stress corrosion cracking 2—19147
Si, of B, from BN film diffusion source 2—3796
Si, of B, P and As impurities 2—39712
Si, of elec. active impurities 2—12785
Si, of Fe, coeff. determ. 2—1533
Si, of Ga, anomalous diffusion, rel. to n^+-p-n struct. prep. 2—9595
Si, of impurity C, Ge traps 2—15780
Si, of Li, driftability and precipitation 2—27880
Si, of Ni and P, homogeneity breakdown 2—36058
n-Si, of Zn and Au, reactor irrad. enhanced 2—29193
Si, p-type diffusion using boric acid in methanol as impurity source 2—36057
Si, profile estimation of high-conc. As diffusions 2—25447
Si detector, rad. enhanced diffusion, defect prod. ratio 2—33023
Si epitaxial layer, of subrate impurities, enhanced diffusion by proton irrad. 2—25902
Si powder, compact, of N_2, nitriding 2—39961
Si single crystals, enhanced diffusion of ion implanted Sb 2—29191
SiC:Al(N), of boron, heavy doping influence 2—29222
SiO_2, of Ge rel. to selective epitaxial deposition 2—25203
SiO_2, quartz, of the, gas release monitoring 2—9627
SiO_2, vitreous, He migration and solubility 2—36083
Sn-In, film, electromigration, void marker motion 2—6511
Sn-In thin films, marker motion during electromigration 2—39747
Sn film, electromigration direction 2—36075
Ta, electrotransport of C, above 1900°C 2—22251
Ta, of hydrogen, thermogravimetric study 2—36084
Ta, of U, rate and temp. meas. 2—12795
Ta crystal, ^{233}U tracer, α-energy spectra, comparison with electrochemical sectioning 2—6516
β-Ta film, sputtered, competitive, of O_2 and N_2 at 828K 2—39531
Ta_2O_5, O_2 self-diffusion, ionic cond. obs. 2—19148
Ti/Au(Pd)(Pt) thin film couples, and compound formation 2—39749
Ti-H, self diffusion parameters, from spin echo study 2—16401
Ti-Pd-Au film, interdiffusion, ageing, effects 2—39534
Ti, of O interstitials, rel. to mech. relaxation, internal friction obs. 2—36020
TiH_4, of hydrogen, pulsed NMR technique, diffusion model 2—3813
TiO_2, O_2 self-diffusion, ionic cond. obs. 2—19148
TiO_2, of Ti and O, rel. to high temp. compressive creep 2—29273
TiO_2, reduced, of O vacancies, temp. depend. 2—39748
TiO_2, reduced, point defect diffusion, contamination influence 2—29224
$TiSi_2$, of O_2, oxidation mechanism 2—13579
Tl, electrotransport of thermal lattice defects 2—36085
TlCl, n.m.r. applic. to diffusion mechanism determ. 2—25458
TlCl, vacancy mechanism influence on spin-lattice relax. time in rot. frame 2—10262
U-Nb alloys, ^{235}U and ^{95}Nb diffusion, in 930-1900°C temp. range 2—29206
UCV-Na-steel system, C transport, effects of V addition 2—9628
UO_2, of Xe, effect of stoichiometry 2—29225
$UO_{2\|x}$, self-diffusion of oxygen 2—12815
V, neutron irrad., of interstitial O_2 and C, annealing, 375-575K 2—25443
V, of C, nitrogen and oxygen, 60-1825°C 2—22252
V, of U, rate and temp. meas. 2—12795
α-VH_x (x=0.198, 0.57), of H, investigation using quasielastic thermal neutron scattering 2—36073
W-Re alloy, of ^{14}C, carbide layer source, temp. range 1500-1800°C 2—9629
W-Re alloys, self-diffusion, 1935-2500°C 2—36086
W, of ^{14}C, carbide layer source, temp. range 1500-1800°C 2—9629
W, of Si, in field emission microscope 2—12816
W, of U, rate and temp. meas. 2—12795
W, self-diffusion, 1935-2500°C 2—36086
W layers on Mo emitters of in-core thermionic reactor 2—14363
YH_3 of H, n.m.r. study, spin lattice relaxation time, resonance line shapes 2—29207
Zn, self-diffusion, thermal coeff. of expansion of activated vacancy 2—29561
Zn, single boundary motion, mobility and activation energy 2—29227
ZnSe, of Zn and Se, self diffusion 2—3825
Zn_2SiO_4, of Si and Zn 2—32566
α-Zr, of oxygen, rel. to post- deform. ageing kinetics 2—9747
α-Zr, stress induced, of O, internal friction meas. 2—32567
α-Zr, stress induced, of O 2—32568
α-Zr, stressed, of O_2, diffusion coeffs., effect on age hardening 2—12786
α-Zr, thermally oxidised, autodiffusion of O, meas. by obs. nuclear reaction $^{18}O(p,\alpha)^{15}N$ 2—12818
Zr alloy, high temp., rel. to creep deform. 2—12875
ZrH_n, self diffusion of H, spin-echo obs. 2—16402
ZrN, of C, temp. depend. 2—39750
ZrO_2-Cr_2O_3(-CaO), electrodiffusion, ionic diffusion, kinetics of migrating point and electronic defects 2—9630

thermal
duraluminium-D16T, effect of uniform compression at 77K, on ageing 2—12965
forced atomic transport meas. by elec. methods 2—19138
fundamental theorems, variational theorems, reciprocal theorem 2—22239
interstitial diffusion of light impurity atoms, random walk model 2—22241
laser solid, detect migration due to laser excited photon-phonon conversion 2—29212
of liquid inclusions, free convection influence 2—29211
lunar fines, Apollo 11, density, pressure and temperature effects on diffusivity 2—20639
Permalloy and copper, interdiffusion 2—1348
pore displacement rel. to anisotropy of surfaces diffusion coeffs. 2—29210
steel, case-hardening process, standardisation 2—3814
thermophysical properties research, ASME meeting, Washington, D.C., USA, (1971) 2—19422
Ag, of In 2—29214
AgBr intrinsic contrib. to thermotransport of Sr^{2+}, Cd^{2+} and Mn^{2+} 2—19141
AgCl, intrinsic contrib. to thermotransport of Sr^{2+}, Cd^{2+} and Mn^{2+} 2—19141
Al-stainless steel, thermal contact resistance by reflection of heat diffusion waves 2—1438

Diffusion in solids continued

- **thermal** continued
  - Al, of vacancies, steady state concs. rel. to rate of entropy prod. 2—22244
  - Al, rel. to vacancy conc. 2—9616
  - Au, of Sb, obs. 620-1000°C 2—39729
  - B_2O_3, of He, Ne, A, D_2 desorption rates, diffusion coeffs., activation energies 2—3819
  - Cs_2O-B_2O_3, glass and cryst. samples, of Cs ions, effect on n.m.r. 2—30025
  - Ge of Li from external phase, temperature range 250-420°C, rate of nuclei generation 2—3815
  - GeO_2 vitreous and partially devitrified, diffusion and solubility coeffs. of He, Ne, Ar 2—39730
  - KCl, droplet migration in thermal gradient 2—9523
  - KCl, thermomigration of biphase vapour-liq. droplets 2—25375
  - Li, of ^{22}Na, heat of diffusion 2—19145
  - Li, of Na, substitutional impurity, thermotransport 2—15787
  - Pb:^{110}Ag, ultra-fast obs. and mechanism 2—22250
  - Pb, of noble metal impurities, heats of transport 2—22242
  - Si, thermomigration of Au-rich droplets 2—39746
  - SiAs source material, homogenized preparation, capsule diffusion process 2—22240
  - Sn:^{110}Ag, ultra-fast obs. and mechanism 2—22250
  - Ta, of N, conc. dependence 2—6512
  - Tl, cubic, defect flow method, self diffusion by vacancies 2—36085
  - UC_2-C system, of C, model 2—29226

Diffusion pumps *see Vacuum pumps*

Digital computer applications *see Computer applications*

Digital computers *see Calculating apparatus/digital computers*

Dilatometers *see Length measurement; Volume measurement*

Dimensions

- *see also Units*
- automatic meas. devices for irrad. graphite 2—39873
- diffractographic obs., profiles 2—21151
- mean diameter of microparticles from size of projected images 2—37557
- measurement using coherent bandpass spatial filtering 2—33862
- measurements on spacecraft, applic. of modulated electron beams 2—27423
- visual display space lattice presentation showing physical quantity relationships 2—23214

Dimers *see Molecules; Polymers*

Dineutrons *see Neutrons and antineutrons*

Diodes *see Electron tubes; Plasma devices; Rectifiers; Semiconducting devices/diodes and /tunnel and interface devices*

Dipole moments *see Molecules/moments; Nucleus/electric moment; Nucleus/magnetic moment*

Diquarks *see Quarks*

Dirac electron theory *see Electron theory*

Dirac equation

- bound states, conditions derived in one dimension using variable phase approach 2—23271
- construction, via relativistic Hamilton-Jacobi equation 2—2128
- Dirac particle, stigma in even environment 2—37612
- Dirac particle, stigma in even environment 2—37613
- fermions in centro-symmetrical field, Dirac-Pauli equation 2—11435
- first order symmetry, classification of operators 2—33919
- generalisation, interpretation with additional degree of freedom, quantification of space-time 2—5144
- Gordon decomp. of current 2—27064
- intravectorial formalism 2—7675
- non-relativistic limit, many-body generalisation 2—5145
- potential scattering, inverse problem 2—27071
- relationship with Maxwell equations 2—17226
- spherically symmetric potentials, Dirac and *t* matrices 2—11276
- spherically symmetric potentials, energy derivative 2—27058

Discharge tubes *see Electron tubes; Gas-discharge tubes; Ion sources; Particle accelerators; X-ray tubes*

Discharges, electric

- *see also Arcs, electric; Breakdown,electric; Corona, electric discharge; Plasma; Sparks, electric*
- a.c., excited between insulating electrodes, electron temperature 2—39205
- afterglow plasma, longitudinal thermal conductivity of electron gas 2—24689
- air metallic bridge formation between fixed electrodes 2—24872
- anodic light, electronic oscillations shown to be stationary ionic sound oscillations 2—18706
- arc, cathode spot characteristics, in vacuum 2—12483
- arc cathode for continuous operation under working-gas pressure 2—28677
- arcs, cathode spot, ionization and recharging of ions 2—9012
- arcs, laminar flow, in axial flow of gas, steady state characteristics 2—24921
- attenuating phase, obs. of current density in microspots on electrodes 2—8994
- ball lightning, model 2—26505
- barrier of insulating material and discharges investigated 2—8999
- beam-plasma, inertial effects in current risetime 2—35474
- breakdown, statistical variation, expt. 2—35630
- breakdown, statistical variation, theory 2—35595
- breakdown of large positively stressed electrode 2—1006
- capillary, high current, kinematic electric and pressure meas. 2—32121
- capillary high-current, investigation using spectroscopic and cinematographic techniques, use as radiation standard in μsec. spectroscopy 2—32120
- cathode torch spectra, Al II and Al III ions lines 2—3265
- closed electron drift plasma accelerator, with extended acceleration region 2—21813
- cold cathode Penning source, low energy isotope separation of high charge states 2—34334
- contact discharges, spectroscopic study, review 2—3261
- controlled, high voltage vacuum commutator, role of material of basic elements, spectroscopic investigations 2—3259
- cylindrical diffusion column, charged particle and neutral gas density 2—39202
- d.c., reliability of anode as probe potential reference point 2—21619
- d.c., reliability of anode as probe potential reference point 2—21817
- d.c. low pressure, Boltzmann equation, secondary conditions 2—28657
- development in prebreakdown phase in nanosecond range under atmospheric conditions 2—24857

Discharges, electric continued

- dielectric solid, MeV electron injection effects 2—25921
- direct electron impact and stepwise ionization cross sections of alkali metals 2—35599
- duoplasmon arc discharge, inhomogeneous axial magnetic field 2—24772
- effect on dielectric props. and strength of polyvinyl chloride film 2—16269
- electrode emissivity, limitation of layers in gas-electrode boundary 2—35511
- electrodeless, e.m. field, closed-form soln. 2—12462
- electron distribution calc. from spectral line intensities by Tikhonov's regularization method 2—35607
- electron ejection by ions from cathode of a Penning discharge, measurement of effective yield 2—5104
- flashover voltages calculation, of sphere gaps, in atmospheric air 2—32138
- formation in air at atmos. pressure, development obs. with image converter camera 2—35606
- free fall column, velocity distrib. and particle density of neutral gas 2—39201
- gas, high pressure, initiated by fast electron beam 2—24892
- gas, high pressure, use as intense non-coherent light sources 2—21171
- gas, ion extraction from 2—7875
- gas, state-of-the-art 2—39208
- gas laser considered as power supply load 2—27468
- He, high pressure, ruby laser induced, threshold breakdown fields 2—24896
- heat source, stable electrical discharges in flowing gases 2—24929
- high current, in the atmosphere, dynamics and radiation 2—6111
- high current capillary, spectroscopic measurements 2—39210
- high intensity sources for commercial interior lighting 2—38139
- hollow cathode reflex, conditions of emission excitation from cathode cavity 2—24845
- hot cathode, current transport 2—28658
- hot cathode, ionization of rarefied air, determ. conductivity variation in magnetic fields 2—12451
- hot cathode, noise in plasma ion frequency band 2—35488
- impedance of oscillatory cct., direct meas. method 2—3258
- impulse-disturbed direct current 2—6109
- impulsive, physical processes in dielectric chambers 2—31965
- impulsive arc, high voltage, in high vacuum, prolonged ignition, electronic current density det. 2—3278
- induction, density fluctuations of electrodeless plasma, e.m. scatt. study 2—31989
- induction, temp. characteristics in air at atm. press. without a channel 2—12460
- induction plasma, press. and flow obs. 2—12374
- inert gas-alkali metal vapour, high pressure, non-equilib. ioniz., exptl. comparison of theories 2—21862
- instability of currents in gas at pressures of 1-50 torr. 2—21874
- interelectrode gap in weak electric field, electron avalanche development 2—9001
- jet discharge, controlled, displacement of ionization equilibrium 2—15505
- effects of lamp filling on pumping condition of pulsed Nd^{3+}:YAG laser 2—27500
- laser, Ar quantitative level population mechanism 2—265
- leader parameters, measurement by probe 2—35596
- lightning physics, upward, downward 2—33477
- limited gas discharge plasma, l.f. oscillations, drift-dissipative instabilities 2—32104
- low and high pressure, conference (Oxford, September 1971) 2—21860
- low and high pressure, conference (Oxford, September 1971) 2—24828
- low pressure, calc. of electron temp. and radiative losses 2—24848
- low pressure, obs. of anomalously high energy electrons in transverse mag. field 2—24850
- magnetron, gas, basic characteristics 2—24847
- microwave, rare gas, low-pressure, visible and near u.v. spectra 2—2469
- modelling of geophysical phenomena 2—26549
- modulated RF field, neutral acoustic wave generation 2—18703
- moving arc column, use of probes to determine cross sectional size 2—35634
- multipactor, method of suppressing 2—28662
- noble gases, positive column, variation in gradients and electron concentration during pulsed current charges 2—28668
- non-selfsustaining, mass-charge compos. of plasma ions in mag. field 2—24691
- organic insulating materials, variation of discharge shape produced by high energy electron beam irradiation on grounding conditions 2—25922
- organic reactions, polymer deposits 2—4580
- parameters calc. for cylindrical and planar geometry sources 2—15504
- Penning, emitted light flux applic. for press. meas. 2—30734
- Penning, pulsed, asymmetrically burning, cathode heating 2—32023
- Penning discharge, multiply charged ion production 2—34333
- Penning ion source, effect of mag. field shape, Monte Carlo calc. 2—6113
- Penning tube, semi-self maintained avalanche discharge 2—3260
- Penning type, l.p., prebreakdown region characts. 2—28659
- Penning type in trap with magnetic mirrors, confinement and oscillations inhibitions 2—21800
- persistence of luminosity, measurements 2—24928
- PIG, dependence of intensity of v.h.f. oscillations on magnetic field 2—24846
- plane parallel hollow cathode, energy distribution of electrons 2—21880
- plasma, electrochemistry 2—21778
- plasma, electron emission over dielectric in vacuo 2—35605
- plasma, optically dense, formation by discharge with evaporating wall, temperature and pressure calc. 2—28527
- plasma, Tonks-Dattner reson., electron density profiles determ. 2—8955
- plasma, toroidal glow, low pressure in radial magnetic field 2—18600
- plasma, turbulent fields of ion acoustic microinstability, of strong current Z discharges 2—24817
- plasma, weakly ionised, heating of electrons in homogeneous mag. field 2—3198
- plasma arc, periodically repeating pulses of current, investigation 2—985
- plasma column, resonant behaviour in axial mag. field, effect of temp. inhomogeneities 2—8964
- plasma focus type, development 2—24723
- plasma positive columns Fourier analysis of nanosecond pulses propagating in 2—28619
- plasma-discharge tube configuration effect on meas. of plasma electron density by cavity resonators 2—32038
- polymer film, electrized surface 2—6116
- polymerization process, thin film formalism 2—3550

Discharges, electric continued
positive column, constriction with electronegative impurities 2—24867
positive column, influence of longitudinal mag. field on ionization waves 2—32074
positive column, l.p., numerical calc. of radial density distrib. and particle depletion 2—24870
positive column, transition from diffusion type plasma 2—31947
positive column, two fluid theory 2—12469
positive column contraction, with electronegative impurities, IV characts. analyzed 2—32127
positive column in longitudinal inhomogeneous mag. field, anisotropy of electron temp. 2—24869
positive column of longitudinal cylindrical discharge, theory 2—21762
positive column with cataphoresis, peculiarities of parameters 2—24871
positive dolumn, strongly ionized, stability in low pressure Hg arc 2—24877
positive point-to-plane, computer simulation at atmos. pressure 2—24856
power systems, flashover analysis, spark gaps 2—18713
primary electrons behaviour 2—35603
pulsed, double probe technique for obs. 2—3257
pulsed, lamps, energy losses in circuits 2—28663
pulsed, plasma diagnostics 2—32119
pumping of lasers, electron beam controlled method 2—34392
radioactive dielectrics, microbreakdown in surface layer 2—39200
reflected discharge preceeding arc, coherent oscillation 2—3277
reflex, dispersion relation for cyclotron harmonic waves 2—39176
reflex-arc plasma, turbulence, spectral characts. 2—12423
r.f., high speed gas flow, sparking potential 2—35629
r.f., parallel conductance and capacitance in sputtering system 2—30741
secondary electron resonant, in crossed fields 2—24853
spark, electrode ablation studied using spectrophotometric technique 2—9005
spark current growth during vacuum breakdown 2—1013
spark discharge in gases for large pressures, ignition potential stabilisation 2—3271
sparking voltage reduction due to mag. field parallel to electrode axis 2—9006
sparks, supply processes, hydrodynamic characteristics of discharge channel 2—21889
stationary, volume recombination 2—21875
stationary PIG, excited states of He atoms 2—28665
stepwise excitation cross sections of alkali metals by electron impact 2—35600
stepwise ionization in discharge plasmas, electron ionization cross section of excited H 2—35597
stepwise ionization in positive column processes, direct test 2—35598
STL-Ionophone microphone 2—23362
straight, anomalous energy losses, plasma heating 2—24685
streamer chamber compact high speed low impedance Blumlein line for h.v. pulse shaping 2—38395
successive avalanches produced by photoemission, calculation of currents 2—35623
thermal induction plasma between coaxial cylinders, equil. temp. profiles 2—8913
thermostimulated capacitor discharge through crystals, pseudo current glow curves 2—40275
Tokamak, enhanced resistivity shown to permit ion runaway 2—24843
Townsend, IV characts. and incremental resist., calc. method 2—35594
tryptophan in ethylene glycol-water glass, afterglow obs. 2—4517
vacuum, h.v. Kerr-cell photographs of arc formation 2—24918
vacuum, material aggregates at electrodes 2—1005
vacuum, pressure dependence of wall ion current 2—35635
vacuum gap, triggered, recovery-strength characts. at high currents 2—12461
vortex, formation by an elevated electrical heat source 2—6134
wall stabilized arcs, influence of gas flow on electrical properties 2—24922
Ar, calc. of plasma properties using model atoms, ionization fraction 2—6114
Ar, capacitive, breakdown phenomena 2—21887
Ar, electron swarm, mean energy, cathode effects, computer simulation 2—35592
Ar, gas, radial density distrib. of neutral atoms, interferometric investigation 2—1007
Ar, high voltage toroidal, early departure from free acceleration and turbulent heating of electrons 2—39209
Ar, noise temperature data from 1 to 40 torr in tubes with 0.63 cm inner radius 2—12463
Ar, positive column, pressure dependence of neutral flow effusing from 2—24873
Ar, power and gas consumption, determ. from mag. field axial component 2—15522
Ar, spatial and temporal dependence of pre-breakdown ionization currents 2—35608
Ar, supersonic flow in transverse mag. field, discharge characteristics in induced electric field 2—12380
Ar arc, hollow cathode, configuration temps. rel. to transition probabilities of Ar II spectrum 2—39229
Ar impulse, emission studied in 1000-2000Å region by photography 2—28667
Ar plasma, ion production probabilities 2—21876
Ar plasma jet from h.f. induction discharge, gas and electron temps. dependence on onput power and flow rate 2—28503
Ar positive column, l.p., low current, effect of local transverse mag. field 2—24875
Ar positive column, time resolved obs. of constituents of neutral flow effusing from 2—24874
CO_2-N_2-He, dependence of CO_2 laser performance on discharge props. 2—14413
CO_2-N_2-He, in CO_2 laser system, positive ion analysis 2—21070
CO-N_2-O_2-He, mixture, in CO gas dynamic laser 2—17595
CO_2-N_2, supersonic transverse electrical discharges laser 2—23585
CO, laser mixture, electron kinetic processes 2—17594
CO plasma afterglow, obs. of emission of C_2 Swan bands 2—24697
CO_2, excitation and relaxation of upper laser state 2—35233
CO_2 laser, axial mag. field effects 2—24858
CO_2 laser discharges, radial gain profiles 2—23583
CO_2 laser media, at high pressure, electron beam control 2—17593
CO_2 laser mixtures, uniform discharges at atm. press. 2—5358
CO_2+N_2+He, mixture, change of temp. with time determ. based on rot. structure of 0,0 band of N_2 2—1008

Discharges, electric continued
CS_2-O_2, cw CO chemical laser 2—17592
CS_2, photoelectron spectrum of short lived species in decomposition products assigned to CS 2—31789
Co_2-N_2-He, large vol. high pressure near sonic flowstream, uniform elec. excitation 2—14414
Cs-Ar effect of electron atom and electron electron collisions 2—15443
Cs-Ar positive column, electron temp. and radial density distrib. of Cs atoms 2—12464
Cs, ionic species determ. using d.c. and r.f. excitation 2—3204
Cs, low pressure, electron energy distrib. function meas. 2—21821
Cs, pulsed, spontaneous emission 2—2935
Cs afterglow, recombination and diffusion mechanisms 2—24841
Cs plasma, influence of resonant illumination on props. and parameters 2—31956
Cs plasma afterglow, excited states relaxation in presence of reabsorption 2—24355
Fe cathode, influence of non-metallic inclusions and thin films in microregions 2—21888
GaI_3-Ar, positive column, number density of atomic Ga, radial distrib. 2—12465
H, electron swarms, meas. of ionization and diffusion parameters 2—35602
H afterglow, one dimensional numerical model 2—24698
H_2 dissociation, model for formation of reactive species 2—3046
H_2 spectral isotopic analysis of small amounts based on compression of sample into discharge tube 2—30108
H_2O vapour, spectral isotopic analysis of small amounts based on compression of sample into discharge tube 2—30108
H_2O vapour, time resolved spectroscopy of pulsed discharge 2—28316
HX, DX, X=F, Br, Cl, chemical laser, pulsed transverse discharge 2—17599
^2H, l.p., electrodeless generation in axisymmetric toroidal vessel 2—24699
He-Cd, low current dc, Penning ionization properties 2—3249
He-Cd, low d.c., Penning ionization, excitation, collisions 2—3250
He-Cd positive column laser discharge, electron densities and drift velocities 2—28666
He-N_2 mixture losses through ion- sampling orifice 2—39213
He-N_2 mixtures, cataphoresis and nitrogen- removal processes 2—12466
He-N_2 positive column, cataphoresis and N_2 removal processes 2—24878
He-Ne, low pressure discharge, dependence of electron distrib. function on discharge current 2—15444
He-SO_2 mixtures, positive ion sampling and dissoc. of SO_2 2—15506
He, anode spot oscillations 2—3262
He, hollow cathode non thermal plasma, excited level population, electron temp. 2—6060
He, homogeneous positive column discharge, theory 2—3263
He, Hopfield continuum, use in higher orders by applying Ar filter 2—32122
He, in Langmuir paradox region, electron energy distrib. and striation obs. 2—24860
He, low pressure, cylindrical hollow cathode in transverse magnetic field 2—21878
He, magnetic field effects on hollow cathode discharge 2—32118
He, optically pumped, cumulative ionization source of polarized electrons 2—12049
He afterglow, demonstration of spin angular momentum conservation 2—12050
He afterglow, high pressure, production and destruction of He (2^3S) metastables 2—24404
He afterglow, obs. at 77°K 2—24701
He gas, uniform electric field, electron swarm properties using Monte Carlo-Boltzmann technique 2—32143
He hollow cathode, spectroscopic investigation of electron temp. and concentration 2—28660
He hollow cathode discharge, electron energy distrib. 2—24859
He plasma afterglow, effect of elevated, time varying neutral gas temp. 2—24702
He pulsed discharge, electrical and optical measurements 2—35601
Hg-Ar, low pressure a.c., supply freq. effects on positive column 2—21884
Hg-Ar, spectral emission, influence of N_2 and CO impurities 2—2939
Hg-rare gas mixtures, strongly modulated, nonlinear effects 2—15507
Hg, capacitive, breakdown phenomena 2—21887
Hg, high pressure positive column, electron mobility 2—35589
Hg, hollow cathode, low pressure, beam-plasma interaction 2—24861
Hg, low pressure, ionization degree meas. on anode side of electrical double sheath 2—8924
Hg afterglow of self absorbed Hg 2537 Å radiation, effect of Ar on decay time 2—32124
Hg arc, l.p., efflux of atoms from cathode spots 2—12479
Hg positive column, axial electron density gradients 2—15508
Hg vapour-H_2 mixtures, ignition potential 2—3264
Hg vapour, long capillary positive column, basic props. 2—24876
K plasma afterglow, excited states relaxation in presence of reabsorption 2—24355
LaB_6 cathode production, coated Ta ribbon 2—18705
Li, v.u.v. energy distribution meas. 2—32123
N_2-He mixtures, effective rate coeffs. for N_3^+ and N_4^+ form. 2—6010
N, measurements on the stratifications at low pressure 2—1010
N, Penning type, ion source, emittance measurements 2—34335
N_2, excitation mechanism, population inversion 2—5367
N_2, low pressure discharge, study of positive column props. 2—6115
N_2, positive column, standing striations as solutions of Pekarek equation 2—32071
N_2, pure and mixtures with Ar, influence of metastable N_2 molecules on excitation 2—15509
N_2, streamer and Townsend discharges, optical meas. of luminous fronts 2—21879
N_2, streamer propagation, preioniz. control 2—21898
N_2 dissociation by electron collision in electrical discharges 2—35275
N_2 impulse, emission studied in 1000-2000Å region by photography 2—28667
N_2 surface discharges, obs. 2—15510
Ne/He streamer chamber, Lichtenberg figure ringing 2—21336
Ne-H_2 positive column, oscillation in longitudinal mag. field, effect of H_2 on current convective instability 2—6117
Ne-He afterglow, electron density decay after cataphoresis 2—24677
Ne, contracted positive column, energy dissipation mechanism 2—24880
Ne, investigation into the positive column 2—1004
Ne, plasma oscillations, obs. 2—32055

Discharges, electric continued
Ne, positive column, oscillation in longitudinal mag. field 2—6117
Ne, radiation temp., comparison with meas. from electron energy distrib. and radiometers 2—24862
Ne, radiation temperatures, comparison of those calculated from electron energy distributions with radiometer meas. 2—35609
Ne d.c., drift of excited atoms 2—8995
O_2-N_2 mixtures, d.c. discharges, T-layers in positive column 2—28669
O in solids isotopic analysis using hollow cathode discharge 2—16697
O_2, atm. press., emission spectrum 2—12467
O_2, positive column, explan. of two different forms 2—24881
SF_6-N_2 mixtures, surface discharges, obs. 2—15510
SF_6, streamer propagation, preioniz. control 2—21898
SF_6 surface discharges, obs. 2—15510
TiH_4 film injector by plasma cluster creation using induced discharge 2—21035
TlI, mechanism of pulsed lasing of green line in a vapour discharge 2—27486
U plasma, mechanism, continuum source applic. 2—14487
U^{11+} UNILAC ion source and injection system 2—34842
Xe, 50-100 μsec, emission characteristics, for pumping dye lasers 2—28670
Xe, long linear lamps with metallic halide additives, continuous emission spectra 2—3254
Xe, saturable absorption effects, YAG:Nd^{3+} radiation 2—18619
Xe afterglow, decay of excited atoms and molecules 2—24359
Xe flash lamps, electron concentration patterns 2—28681
Xe impulse, emission studied in 1000-2000Å region by photography 2—28667
Xe plasma, dependence of frequency of oscillations on conditions 2—28627
Xe plasma, initial stages at high pressure, current growth and broadening of current carrying channel 2—31966
^{136}Xe, gain at 3.51-μm and 5.57-μm lines meas. under various discharge conditions 2—24863
Zn-Cd, vapour laser, continuous oscillation, hollow cathode discharge 2—34395

glows
abnormal, cathode anode configuration for long term stability 2—39216
abnormal, cathodic gas density variations 2—24866
afterglow, N_2 and O_2 mixture, second positive bands of N_2 2—3052
afterglow, space-charge-controlled diffusion 2—32126
afterglow of plasma flow, h.f. aerosol discharge 2—35472
air, effect of humidity 2—32134
air at low pressure exposed to high power microwave pulses, transient breakdown using fiber optic techniques 2—32133
breakdown voltage and normal cathode fall for inert gases and molybdenum cathodes 2—6120
cathode, heat transfer from cathode 2—35611
cathode dark space and negative glow stability against γ—δ perturbations 2—39214
cathode layer, theory and anal. of phenomena on front model basis 2—24911
cathodic sputtering, at. absorpt. spectral obs. rel. to Ni, Fe and $NiFe_2O_4$ deposition 2—1012
cathodic sputtering, plasma analysis rel. to thin film deposition 2—1011
chemical transport in nonisothermal plasma 2—35467
corona, rod-plane gaps in air, breakdown times obs. and calculation 2—18709
d.c., cold cathode, electrical probe characteristics 2—35614
d.c., similarity rules for moving striations 2—15503
d.c., wall influence on electrical oscillations 2—32128
deposition method, B, Zr, graphite on stainless steel, W, fine wires 2—3525
diffusion model of Faraday space 2—21883
dissociation in a H glow discharge based on interferometric and manometric measurements 2—35616
electric arc, interaction with 2—18717
equipotential, application of similarity laws 2—35612
eye exposure, effect on contrast sensitivity 2—30701
film growth, sputtering, material transport, review 2—3519
films, silico-organic polymer, metal- dielectric-metal structure, threshold breakdown potential 2—4258
Geissler tube, absolute meas. of emission intensity 2—31132
glow curve integral, generalised solutions for nonlinear heating rate 2—28671
Grimm lamp as light source for spectrochemical anslysis, electrical properties and discharge characteristics 2—4613
Hall potential difference obs. 2—24868
hollow cathode, application to ion and electron guns 2—37899
ion sampling, associated pressure considerations 2—32125
ion sampling, pressure considerations, effect of ion-neutral collisions 2—39215
longwave i.r. spectroscopic light source, gas discharge lamp with metallic body 2—34560
metal tube, insulated, plasma properties 2—3256
negative glow, energy distribution of electrons 2—21880
nonlinear ionization waves in unstable positive column, response to weak pulse disturbance 2—24790
oxidation of freshly evaporated Al films 2—37042
plasma, positive columns, effect of helical instability. calculational method 2—24673
plasma afterglow, diffusion cooling of electrons 2—31943
plasma afterglow, weakly ionized unstable, ambipolar diffusion 2—15447
positive column, distribution of impurities 2—24864
positive column, ionization waves, backward and forward, time and space interference 2—32079
positive column, ionization waves, theory of wave-mode coupling 2—32080
positive column, pulsed, electron drift speed and multiplication obs. 2—8996
positive column, self-excited periodical phenomena 2—32076
positive column, unstable ionization waves, discontinuity formation 2—32077
positive column, unstable ionization waves, mode coupling 2—32081
positive column plasma diffusion-controlled, self-contraction mechanism in medium pressure range 2—12470
power, distribution of charged and neutral particles across positive column 2—21882
r.f., sputtering, application to elemental analysis of thin surface layers 2—9232

Discharges, electric continued
glows continued
self sustaining, role of δ-processes in mechanics, extinction control 2—12472
silica gel. sorption-desorption hysteresis, cavity theory, elec. discharge effect on entrapped water 2—35921
slow electrons, rate of secondary electron emission in appearance 2—24865
spectrochemical analysis, applications 2—15511
sputtering effects, rel. to PTFE film growth 2—29049
steady state, bridging between fixed electrodes 2—24872
striations, self-excited moving, correlations between properties and plasma parameters at points along discharge tube 2—21881
surface grafting of textiles 2—3504
transitions of one type to another 2—35613
TV and film lighting requirements and lamp characteristics 2—5444
vacuum gap breakdown probability, dependence on surface condition of electrodes 2—35627
in air, generation during extinction of a.c. arc 2—35641
Ar-H_2O admixture, cylindrical hollow cathode, mass spectrometric study of positive ions extracted from negative glow 2—39212
Ar, hollow cathode, with thermionic cathodes 2—12468
Ar magnetoplasma, modified Schottky boundary condition in a wide plasma column 2—18707
Ar positive column, interference of l.f. waves 2—8997
Ar pulsed low-pressure plasma capacitor in magnetic field, meas. of afterglow 2—39119
CO, and CO-N_2 mixture, i.r. afterglow emission 2—39211
CO afterglow, mechanisms producing C_2*($A_3\Pi_g$) molecules 2—35615
CO_2 and CO_2-N_2 mixture, i.r. afterglow emission 2—39211
CS_2, afterglow emission studied following excitation in microwave or Ar discharges, 360-640 nm 2—24448
Cd temperature and radiation characteristics, high pressure cadmium vapour 2—12471
CdI_2 temperature and radiation characteristics, high pressure cadmium vapour 2—12471
Cs plasma, spectral emission, level population and plasma decay and development processes 2—35610
H, degree of dissociation determ. from refractive index, manometric of energy dissipation data 2—15512
H_2, laminar positive column, electron energy distribution along striations 2—3266
H_2, Monte Carlo simulation 2—35617
H_2, use as light source for v.u.v. spectroscopy 2—38164
He, anomalous, cathode fall in longitudinal magnetic field 2—35619
He, cold cathode, Au electrodes, photoelectron processes 2—35618
He, late afterglow plasma, prod. in Kovarglass built discharge tube, emission study 2—6059
He afterglow, formation of He_2^+ by associative ionization in a recombining plasma 2—24672
He afterglow, molecular ion dominated, recombination and ionization 2—28672
He afterglow with traces of N_2, atomic nitrogen excitation 2—28194
He recombining plasma. spectroscopic study of early afterglow 2—24700
Hg-Ar(Ne) afterglow, electron temp. and Hg(6^3P) density decay 2—32129
Hg-Cd temperature and radiation characteristics, high pressure cadmium vapour 2—12471
Hg-Cd_2 temperature and radiation characteristics, high pressure cadmium vapour 2—12471
Hg hollow cathode, l.p., breakdown, resonant beam-plasma interaction mechanism 2—15513
N_2-CO_2-He, electron energy distribution and vibrational temperature obs. 2—24879
N_2, relative population of vibr. levels of $B^3\Pi_g$ state 2—35267
N_2 containing mixtures, i.r. afterglow emission 2—39211
N_2 pink afterglow in dc field, quenching of optical emissions 2—18708
N_2O and N_2O-N_2 mixture, i.r. afterglow emission 2—39211
O_2-H_2 radicals low pressure discharges and surface reactions 2—35620
Xe,O_2, clear emission of OIλ5577 2—15514
ZnO, band model interpretation of surface in glow discharge 2—35621

high frequency
capacitative bright and dark, identity 2—983
coaxial resonator, external magnetic field 2—21896
in cylindrical cavity, theory 2—6112
discharge, velocity of gas flow, stabilization 2—15442
electrodeless ring, with applied static cross mag. field, anal. of r.f. current required 2—24851
excitation mechanisms, oscillating mode 2—7818
formic acid vapour 2—1015
gas, high temp., boundary structure 2—24852
gas discharge plasma, detector characteristics 2—21777
gasheating and energy balance of a stationary ring in rare gases 2—3255
halogen atom conc. meas. in discharge flow systems using atomic resonance absorption 2—15229
hydrodynamic instability, current channels 2—18704
induced, application of channel model and minimum principle 2—6110
in magnetic field in gas flow, nonequilibrium plasma jet 2—28531
microwave excitation at 35 GHz in tapered waveguide as v.u.v. atomic line source 2—27661
microwave gas breakdown in food processing techniques 2—7596
moving striations excitation by plasma reson. 2—12481
parametric coupling between electron and ion waves in self resonant plasma 2—39175
plasma, electron-cyclotron wave reson. 2—12382
plasma resonances under transverse mag. field 2—3203
plasma turbulent heating in OGRA-2T device and ion acoustic and beam instabilities 2—24816
point, onset potentials at lower pressures 2—24854
pulsed, electron energy distribution function at low pressure 2—12365
resonant, influence of constant electric field on stability 2—24844
r.f. sputtering system, on the nature of the discharge 2—39206
s.h.f. oscillations interaction with low temp. gas discharge plasma 2—39204
Tonks-Dattner reson., parametric excitation 2—28664
transversal, u.h.f. at atmos. pressure 2—24855
Ar, u.h.f., in waveguide, model 2—24885
Ar laser, distribution of neutral atom pressure along tube 2—2390
Ar long induction discharge at atmospheric pressure, spectral and calorimetric meas. of radial temp. distribution and energy deposited response. 2—28661

Discharges, electric continued
high frequency continued
Ar low pressure, cylindrical inductively-coupled, electron-cyclotron resonance 2—39181
Ar plasma production, obs. of absorption lines 2—8961
CO$_2$, microwave discharge, formation of CO$_2^-$ 2—24842
H$_2$, inductive, electron energy distrib. function 2—988
H$_2$, inductive, electron temp. and density obs. 2—987
H$_2$, luminous radiation, radial distrib. 2—986
O$_2$-N$_2$ mixtures, T-layers in positive column 2—28669
O plasma, r.f., oxidation study using KIO$_3$ 2—4586

Disintegration *see Beta-decay theory; Nuclear decay theory; Radioactivity*

Disintegration energies *see Radioactivity*

Dislocations *see Crystal imperfections/dislocations*

Disperse systems
see also Aerosols; Colloids; Emulsions; Foams; Powders; Sols; Suspensions
activated fluid, two-phase horizontal flow, motion of solid particles 2—35802
agglomeration, measurement, laser beam scattering 2—1122
airborne dust, particle identification, electron microscopy and diffr. 2—19256
anemometry, laser Doppler, frequency tracker design 2—35440
atmospheric spherical polydispersions, size distribution det. using light scattered data 2—7260
blood flow, narrow capillary, plasma motion in gap between red cells, model 2—18776
Brownian particle in laminar flow with const. vel. gradient, distrib. functions 2—35797
bubble-liquid mixtures, shock wave propag. 2—32214
bubbles in liquid, acoustic waves velocity as function of frequency, theory and experiment 2—32288
bubbly mixture, u.s. velocity of sound and void fraction 2—35799
composite material containing spherical particles, theory of particle size meas. 2—3452
convective heat exchange coeff. for spheroids 2—27322
drag coeff. determ. for particles in rarefied, low-Mach number flows 2—24629
flow, nonequilibrium two-phase, effect of polydispersivity of condensed phase 2—12586
flow at tube-entrance, laminar, isothermal and nonisothermal 2—32287
fluid-particles, turbulently suspended, effective viscosity 2—3416
gas and solid particles, flow, fundamental equation 2—1123
grains, size distribution determ. from magnetization-magnetic field curves 2—6263
gravitational particle flow, stochastic theory 2—17272
hard sphere fluid model, random packing behaviour, small angle X-ray scatt. 2—3411
indicatrices of small scattering, asymptotic formulas for calc. angular structures 2—25115
i.r. emission spectrum from single particles, variations with particle size 2—25118
latex particles size distribution det. by electron microscope 2—25117
light scattering, small angle theory for optically anisotropic spheres and discs, exptl. verification 2—28903
liquid, qualitative pattern in electric fields, mechanism 2—15613
liquid droplet breakdown dynamics in gas flow 2—1063
liquid film, surfactant contamination effects on finite amplitude stability 2—25030
liquid-vapour medium, one-component, velocity of sound calc. 2—12584
marine muds, acoustic props. 2—37099
melting temperature, rel. to solid surface energy determ. 2—6318
Millikan apparatus for measuring photoelectron spectra 2—31007
molecular association in solution, low angle X-ray scatt. 2—3417
in multiphase materials, obs. of orientation and distribution 2—5753
oil-in-water, coalescence by flow through porous media 2—32281
organic liquid-water dispersions, coalescence rates 2—1126
particle beam transmission, path length distrib. 2—32284
particle configuration, electron microscopy 2—28906
particles accelerating in fluids, velocity obs. 2—28777
poly(ethylene oxide) of low molecular weight, study of melting behaviour 2—39422
polydisperse, scattering curves, distribution function 2—3413
polydisperse of low molecular weight, refractive index increments and light scattering 2—39402
polylysine in solution, diffusion coeff. as function of concentration determ. from spectrum of scattered light 2—39403
polymer latex systems, size distribution analysis using extrema in unpolarized and horizontally polarized ang. light scatt. pattern 2—39397
polymer lattices, particle size distrib. assessment using 'quantimet'—electron microscope linkage 2—18858
polymers in solution, methods for calc. refractive index increment from properties of polymer and solvent 2—39401
rotary annular columns, dispersed phase hold-up and mean drop diameter 2—35704
sedimentation, velocity, pressure dependent diffusion 2—32283
semiconductor-insulator powder system, transient photocond. effects 2—19782
solid phase particle in backward gas flow influence of concentration on motion of dispersed material 2—35801
spectral analysis of blast formed disperse particles in spark discharge 2—4616
spheres in Newtonian fluid, sedimentation, velocity obs. 2—28904
spherical droplets, symmetrically placed about axis of circular cylinder, slow settling 2—39398
spherical solids/gas mixture, fundamental eqns. from kinetic theory 2—35803
spheroids in steady axisymmetric flow, heat and mass transfer, numerical soln. 2—31924
spray, polydisperse, device for production with controllable drop size distribution 2—3415
statistical hydromechanics, solution of kinetic equation 2—28905
surfactant+additive+water systems, light scatt. and transmission obs. 2—9095
surfactant+additive+water systems, mesomorphic phases, n.m.r. obs. 2—9096
three-phase contact line problems in 2 liq. and dispersed solid systems 2—32289

Disperse systems continued
time change of aerosol particle concentration in closed vessel 2—28913
two-phase systems, conf., Haifa, Israel, Aug-Sep (1971) 2—24624
uniformly distributed finite particles average nearest-neighbour distance calc. 2—36226
velocity relaxation of micron sized particles in shock waves, det. by laser radiation 2—22010
viscous flow, low Reynolds numbers, relative velocities and pressure drops 2—3412
AgBr in polyvinyl alcohol, influence of mechanical agitation on growth and crystal habit 2—27666
Fe in toluene, dispersion by electro- condensation, magnetic properties 2—28908
β-Ga in silicone oil dispersion, nuclear electric quadrupole resonance 2—37017
Pt/Al$_2$O$_3$ catalysts, Pt particle size distrib., X-ray small angle scatt. obs. 2—3973
^{220}Rn decay produces in air, coagulation rates 2—22018

Dispersion, acoustic
air at frequencies to 5.10^4 MHz/atm. 2—6160
helical coil, dispersion curves 2—27230
liquid mixtures near critical soln. pt., anomalies 2—28845
pressure pulse propagation through relaxing gas 2—9015
spherical obstacles, quantum theoretical treatment 2—34114
wall shear layers in flat duct wave guides, sound propagation 2—11354
N$_2$ at frequencies to 5.10^4 MHz/atm. 2—6160
O$_2$ at frequencies to 5.10^4 MHz/atm. 2—6160
ultrasonic
critical fluctuations and elastic deformation, influence on measurements 2—36339
liquid, and absorpt. of hypersound 2—28843
p-methoxy-benzylidine, p-n-butyl-aniline, nematic liquid crystal, velocity dispersion near nematic-isotropic transition 2—32261
Xe, along critical isochore 2—31893

Dispersion, optical
see also Optical constants; Refractive index/light
anomalous of shock heated gases, det. of Fe I oscillator strengths 2—18304
benzene, in non polar solvents, intensities of absorption bands, determ. from i.r. dispersion curves 2—18835
colloidal solns., rel. to heating caused by absorption 2—28909
combined cylindrical electron mirrors, dispersion and aberrations 2—30997
dielectric layers, meas. of dispersion of refractive index by modified interference method 2—13432
dilute gases, one term Sellmeier formula 2—39287
F'-C' dispersions, mean reference index and wavelength 2—27588
in fibres, weakly guiding, delay distortion 2—2456
frequency dependence of speed of light in space 2—31087
glass, absorption centre effects 2—22726
laser, gaseous, output beam 2—34384
liquid crystals, compensated cholesteric, optical rotatory dispersion meas. rel. to temp. and wavelength dependence of birefringence 2—28857
magneto-optical rotation and circular dichroism, computer program for dispersion curves distrib. 2—28253
material dispersion in glass fibre waveguides, bandwidth limitation 2—27628
multimode fibre, low loss 2—38125
optical absorption, Urbach's rule, with dispersion of frequencies 2—4452
alkyl orthozirconates, magneto-optical dispersion determ. 2—6940
α-quartz, photoelastic dispersion of stress-birefringence meas. using Soleil Babinet compensator 2—36820
by random gravitational wave metric 2—20825
relation checked from γ radiation from pulsar NP0532 2—23102
semiconductor, anisotropic non-degenerate, rel. to band struct. and scatt. mechanisms 2—10298
spectral distribution meas. of radiant energy, comparative study of methods 2—8028
vacuum dispersion, rel. to velocity of light in gravitational field 2—37589
Van Hove singularities, direct electronic transitions 2—4451
GaAs semiconducting oscillating laser, second order dispersion 2—14429
LiIO$_3$ crystals 2—33205
NaF, stress-optical dispersion, measurement by intensity method 2—26107
ZnS dielectric layers, meas. of dispersion of refractive index by modified interference method 2—13432

Dispersion relations
see also Field theory, quantum; S-matrix theory
acoustic surface waves, ridge guide, flexural mode 2—37755
beam-plasma system linear waves 2—998
beam-plasma system with external mag. field 2—999
boundary, for direct channel reactions involving both forward and backward scattering 2—21227
bounded systems, application to plasma 2—28612
Chew Mandelstam type, applicability of Newton Kantorovich method and optimization theory 2—11570
diatomic dielectric continuum, coupled elastic and e.m. fields 2—25913
dielectric waveguide, spectrum of symmetric waves 2—14326
dispersion theoretic perturbative methods 2—5142
electrostatic-to-e.m. conversion of plasma waves 2—31986
e.m. waves, guided, in curvilinear flows, equation 2—14329
e.m. waves, modulated in nonlinear dispersive medium, quasi particle concept 2—14305
e.m. waves propagating in infinite circular cylinder of plasma in absence of collisions 2—39125
Feynman amplitudes, algebraic geometry, Landau curves, singularity classification 2—11569
fluid, classical, hydrodynamic freq. rel. to wave number 2—24592
hard and soft meson limits, relationship between equal time commutator and subtraction const. 2—14621
hyperon decay, nonleptonic, unsubtracted relations 2—31329
hyperon nonleptonic decay, once subtracted relations for amplitudes 2—17975
ion free streaming waves 2—18653
ionospheric whistler-mode waves near lower hybrid resonance 2—30346
light, from γ radiation from pulsar NP0532 2—23102
light cone controlled mass relations, canonical framework 2—31191
liquid, transverse correl. and transverse mode 2—39309
multiband structures, applic. of lumped parameter circuits 2—14328

Dispersion relations continued
multiparticle sum rules derived by applying soft-pion theorems to dispersion relations 2—31278
N/D method and generalised partial wave relations 2—38270
plasma, inhomogeneous bounded approx. relation from di-electric tensor 2—28610
plasma cyclotron harmonic waves in reflex discharge 2—39176
shear waves in dislocated crystal 2—20919
sidewise relations, saturation for form factors by narrow resonances 2—14549
subtracted fixed-t relations, application to πN scattering 2—11619
sum rule calc. for $K^*\rightarrow K\pi$ and $K_a\rightarrow K^*\pi$ vertices 2—2570
surface plasmon in metal, variational calculation 2—36425
torsional waves in solid circular cylinder and non-axisymmetric end problem 2—37745
Van Hove singularities, direct electronic transitions 2—4451
vertex function, one-dimensional dispersion relations from local commutativity 2—23749
vertex function, two-dimensional dispersion relations from local commutativity 2—23750
$e^+e^-\rightarrow\mu^+\mu^-$ dispersion relations, $(Gs)^3$ terms 2—14577
$e^+e^-\rightarrow\nu\nu$, dispersion relations, $(Gs)^3$ terms 2—14577
$e^\pm e^-\rightarrow e^\pm e^-$ dispersion relations, $(Gs)^3$ terms 2—14577
π, electromag. form factor investigation 2—2553
π, electromagnetic form factor, π-π scattering 2—8180
π, photoprod. in first resonance region, and isotensor e.m. current 2—8166
π photoproduction off nucleons, sum rule determination 2—17924
πN scattering amplitudes, zero location calc. 2—8174
$\pi^\pm p$, calc. of scattering amplitudes 2—17941
$\pi\pi$ scattering, unitarized Veneziano partial wave amplitudes 2—14666
$\pi\pi$ scattering lengths, crossing symmetry restrictions rel. to sum rules 2—416
^4He b.c.c. single crystal, determ. from inelastic neutron scattering expts. 2—25135
Kp, high-energy forward scattering amplitudes and asymptoticity, dispersion relation investigation 2—38292
$K^\pm p$, forward scattering 2—8163

Dispersions *see Disperse systems*

Displacement measurement *see Length measurement; Strain gauges*

Dissociation
see also Decomposition; Heat of dissociation; Ionization; Molecules/dissociation
dilute diatomic gas, master equation, effect of energy- level spacing 2—30038
inert gas ions formed by associative and Penning ionization, collisional dissociation 2—31693
$2NO_2\rightarrow 2NO+O_2$, thermal conductivity meas. made from 548-792K, deduced chemical kinetic constants 2—26321
semiconductors, charge-state effects 2—19660
tetracyanoethylene tetrahydrofuran charge transfer complexes, ionic photodissociation and ionic photosensitized dissociation 2—30092
B-X bonds in 1- and 2-isomers of pentaborane derivatives, energy obs. by electron impact and extended Huckel calcs. 2—12103
CuP_2, temp. depend. of dissociation press. 2—30046
Ga_2S_3, dissoc. energy and pressure, 1129-1304 K 2—30047
H, glow discharge, degree of dissociation determ. from refractive index, manometric of energy dissipation data 2—15512
H glow discharge, determination of degree of dissociation based on interferometric and manometric measurements 2—35616
H granions, accelerated, plasma formation 2—24788
H_2, in atmosphere 2—7270
H_2^+, collisions with He, Ar, H_2, H(2s) formation, ang. distribution 2—2994
HCl dissociation in Ar, Monte Carlo trajectory calculations 2—37029
Li_2^+ ions, energy obs. 2—6104
$Li_2W_2O_7$, DTA study 2—1227
N_2, dissociation by electron collision in electrical discharges 2—35275
N_2, nonequilibrium, flow over spheres and circular cylinders 2—39242
N_2O_4, in turbulent flow, heat transfer obs. 2—6127
Na_2^+ ions, energy obs. 2—6104
NdH_2-NdH_3 system, dissoc. press. 2—22379
O_3, in atmosphere 2—7270
Pd-H(B), Pd-M-H(B) (M=metal), dissociation thermodynamics, d-band effects 2—36247
PrH_2-PrH_3 system, dissoc. press. 2—22379
SF_6, products formed in subsequent ionization at 1000-20,000°K and 1-10 atm. 2—6103
SmH_2-SmH_3 system, dissoc. press. 2—22379
TiO(g), dissociation energy from vapour pressure obs. in equilibrium with Ti_2O_3(s) and Ti_3O_5(s,β) 2—37033
electrolytic
see also Ions; Electrolytic
No entries

Dissolution *see Solubility; Solutions*

Distillation
see also Isotope separation
polywater, at 360 and 800°C, and ESCA spectra 2—35738

DNA *see Macromolecules*

Domains
acoustoelectric, transverse, surface linear approx for generation threshold conditions yielding structure in piezo-semiconductor 2—25669
alloy, wall pinning as source of mag. hardening 2—19858
Alnico, domain struct. change during partial hysteresis cycle 2—13388
Alnico crystal, remagnetization 2—1621
anti-phase domain structures, 1-dimens., classification and Patterson method applic. 2—3686
antiferromagnet, NiO, spin domain movement and magnetostriction 2—6994
antiferromagnetic-ferrimagnetic transition pt., periodic struct. 2—10230
Bloch wall, 180°, distortion by inhomogeneous magnetic field 2—4355
chevron/bubble mass memory 2—34308
cholesteric, large pitch, texture 2—15569
cubic materials with induced anisotropies, crystallographic considerations for bubble devices 2—36734
Elinvar film, domain struct. and remagnetization process 2—13406
ferrite, struct., magnetization processes, cryst. growth 2—13391
ferroelectric, shape effect on hysteresis loop and coercive field 2—13311
ferroelectric, symmetry and phase transitions 2—19759
ferroelectric, thermodynamic theory, book 2—13314

Domains continued
ferroelectric, triglycine sulphate, elec. field gradients near domain walls 2—1565
ferroelectric ferroelastic cryst., thickness of domain walls 2—16277
ferromagnet, Barkhausen jumps 2—6964
ferromagnet, domain struct. influence on gyromag. reson. 2—33331
ferromagnet, domain wall energy density, effect on magnetization and mag. reversal 2—13389
ferromagnet, polyaxial, struct. dispersion 2—26028
ferromagnet, shock-induced anisotropy, demagnetiz., domain theory analysis 2—36706
ferromagnet, three-axial, domain boundary struct. 2—36697
ferromagneti, structure, magnetization directions 2—19857
ferromagnetic, film, symmetrical walls, magnetostatic energy 2—4385
ferromagnetic, scanning electron microscope obs. 2—6965
ferromagnetic, single domain precipitates Cu-1%Co, neutron scatt. obs. 2—4360
ferromagnetic, single-multidomain transition of precipitates, in Cu-1%Co, neutron scatt. obs. 2—4361
ferromagnetic film, 180° walls, electron interference obs. 2—36721
ferromagnetic film, Bloch walls, two-dimens. approx. 2—40504
ferromagnetic film, defocused mode Lorentz electron microscopy, optical wave theory 2—36695
ferromagnetic film, domain wall energy meas., interpretation 2—19896
ferromagnetic film, magnetiz. distrib. around domain tip 2—4386
ferromagnetic film, weak beam Lorentz microscopy obs. 2—4384
ferromagnets, multiaxial, domain wall displacement and dissociation in magnetization 2—19873
film, band domains, mag friction forces rel. to magnetization vector- film plane angle 2—16335
film, domain boundary creep, electron microscope obs. 2—36696
film, inhomogeneous, Bloch wall creeping, wall energy, wall coercivity 2—19859
film, strained, deform. of cross-linked domain boundaries 2—29821
film strips, stable reversal mag. bubbles 2—36738
garnet, growth-induced noncubic anisotropy rel. to bubble applic. 2—36731
garnet, magnetic bubble, rel. to growth induced noncubic anisotropy 2—10285
garnet, temp. sensitivity of bubble domains 2—26022
Gunn, avalanching, theory 2—4196
Gunn, instability growth factor under d.c. conditions 2—6798
Gunn diode, high-field domain dynamics 2—6867
Gunn diode, impact ionization effect on domain potential 2—29722
Gunn diode, resistively loaded, transverse mag. field effect 2—33036
Gunn domain phenomena, direct microscopic simulation 2—19618
Gunn domain phenomena, direct statistical analysis microscopic phenomena using Monte-Carlo computation 2—19618
Gunn domains, GaAs, quenching, surface effects 2—4213
ice ih, polarized domains, Raman spectra obs. 2—20069
liquid cryst., nematic, polarization microscope obs. rel. to electro-optical effect 2—35763
liquid crystal, nematic, piezoelec. domain formation, theory 2—6240
magnetic, hollow cylindrical, multiple hysteresis 2—36690
magnetic, struct. and energy of moving walls 2—36687
magnetic bubble, equations of motion for radial oscillations 2—36693
magnetic bubble, in thin garnet plate, properties 2—29810
magnetic bubble, temp. sensitivity 2—26022
magnetic bubble detection, magnetoresist. sensor 2—40446
magnetic bubble detection by Hall effect transducer 2—40445
magnetic bubble devices, garnet film and substrate growth 2—35875
magnetic bubble domain dynamics 2—36688
magnetic bubble lattice, transformations and defects 2—16370
magnetic bubble lattices in uniaxial materials 2—36735
magnetic bubble material, magnetiz. and intrinsic length meas. method 2—40447
magnetic bubble material parameters derivation from magnetiz. curves 2—36692
magnetic bubble materials, domain wall motion 2—36733
magnetic bubbles, micromag. wall magnetiz. 2—10193
magnetic bubbles in uniaxial platelets, static stability 2—36737
magnetic bubbles in uniaxial sheets, mutual interactions 2—36736
magnetic domain wall dynamics 2—40444
magnetic film, domain wall crit. velocity and mass, variational calc. 2—26021
magnetic film, dynamic domains arising from incoherent rotation, stroboscopic Lorentz microscopy obs. 2—36694
magnetic finite plate, bubble domain behaviour, calc. 2—22678
magnetic oxide heteroepitaxial film, rel. to stress model 2—22069
magnetic parameters derivation from domain theory and obs. 2—36691
magnetic system, domain nucleation at inclusions 2—33124
magnetic uniaxial plates, single- domain energy in wall-energy model 2—10194
magnetoacoustic resonance, in substance with periodic plane-parallel domain struct. 2—6966
magnetoplumbite, domain nucleation at inclusions, critical inclusion radius 2—13390
magnetostatic energies of spherical mag. particles with plane domain boundaries 2—33125
magnetostrictive materials, rel. to stress effects 2—36718
metal and alloys, magnetic-after effect, defect processes 2—19860
p-methoxybenzylidine, p-n-butylaniline, liq. crystal, obs. in longitudinal electric field 2—9100
Neel, Bloch domain boundaries, width, energy, rel. to magnetization angle of rot. 2—19817
nematic liq. cryst., dynamic light scatt. obs. in elec. field 2—9129
nematic slab, wall motion under rot. field 2—12542
orthoferrites, domain config. modification, concentric ring domains 2—40518
orthoferrites, effect of polishing on domain struct. and coercivity 2—32332
permalloy, film, defocused mode Lorentz microscopy 2—4389
Permalloy cct. elements, circular mag. domain propag. 2—36713
Permalloy films, mag. domain patterns after plastic deform. 2—40508
Perminvar effect, domain wall effect on hysteresis loop shape 2—4356
piezosemiconductor, acoustoelec. high field domains, Fourier analysis 2—29544
piezosemiconductor, acoustoelec. surface domains 2—29543
plane parallel structure, diffraction of cold neutron, Bloch walls effect 2—29811
rare earth garnet films, bubble parameters, temp. depend. 2—36749

Domains continued
rare earth iron garnet films, matching requirements for bubble form. 2—36750
rare earth iron garnets, control of bubble domain props. by Co^{3+} addition 2—22692
rare earth metals, h.c.p., deformation struct. obs. from X-ray line broadening 2—3772
rare earth orthoferrites, anisotropy in domain wall mobility 2—10252
rare earth orthoferrites, annealing induced domain wall mobility changes 2—10199
rare earth orthoferrites, domain wall energies 2—13419
rare earth orthoferrites, domain wall mobility meas. 2—22113
rare earth orthoferrites, rel. to use as logic elements 2—16366
rare earth orthoferrites, temp. sensitivity of bubble domains 2—26022
recording, thin films, studied by longitudinal Kerr magnetooptical effect 2—19861
Rochelle salt, ferroelec., domain wall motion contrib. to permittivity 2—36575
semiconductor, compensated, Gunn effect 2—1504
semiconductor, high field domain theory in presence of trapping 2—32963
semiconductor, light modulation by high-field domains, using edge effect in KDP 2—13439
semiconductor, multivalley, Sasaki, effect 2—1501
semiconductor, recomb. domains, analytic theory 2—13204
single domain Fe grains in Apollo 11 lunar dust, distribution 2—4339
single domain grain distributions det. method 2—4338
statistical and low field magnetization and magnetostriction 2—4382
styrene-isoprene-styrene copolymers, solvent cast films domain structure and bulk properties 2—25162
superconductor, type-I, domain struct. thermodynamics 2—22500
titanomagnetites, natural intermediate, single-multidomain transition 2—1592
toroidal tape core, flux reduction and Block wall props., during stepwise magnetization reversal 2—26023
triglycine sulphate, elec. field gradients near domain walls 2—1565
triglycine sulphate, reversal under laser irrad. 2—1574
uniaxial cryst., domain nucleation at inclusions, critical inclusion radius 2—13390
Vicalloy, domain struct. change during partial hysteresis cycle 2—13388
YIG, mag. domain struct. 2—6968
$Ba_3Co_2Fe_{24}O_{41}$ and $Ba_3CoZnFe_{24}O_{41}$, magnetiz. reversal involving domain wall displacements 2—30024
$BaFe_{12}O_9$, dependence of magnetic structure on temperature 2—1617
$Ba_2Na_{1-x}Li_xNb_5O_{15}$, ferroelectric, and cryst. growth obs. 2—29097
$Ba_2NaNb_5O_{15}$, ferroelec., degree of alignment 2—13315
$BaTiO_3$, ferroelastic, thickness of domain walls 2—16277
$Bi_4Ti_3O_{12}$, ferroelec., efficient white-light reading of domain patterns 2—40348
$Bi_4Ti_3O_{12}$ films, domain struct. and polarization reversal 2—40350
$CaAl_2Si_2O_8$, anorthite, electron microscopy 2—32449
CdS, acousto-optical, light scatt. 2—16455
CdS, acoustoelec. domain form., low temp effects 2—16029
CdS, Bragg diffr. on surface acoustoelec. domains 2—29547
CdS, diffraction of light by acoustoelectric surface domains, power density as function of depth, frequency spectrum det. 2—32840
CdS, light emission associated with high field domains 2—13502
CdS, off axis acoustoelectric, Brillouin scattering 2—4056
CdS, optical-transmission modulation by acoustoelec. domains 2—7062
CdS, semiconductive, domain formation, threshold elec. field 2—13224
CdS acoustoelectric surface domains investigation by method of acoustoelectric detection and properties of detector 2—25681
CdS crystal, a.c. high field, vel. 2—25815
CdSe, motion obs. from photoconductivity 2—29771
Co, domain nucleation at inclusions, critical inclusion radius 2—13390
Co, polycryst., mag. domain struct., Kossel line obs. in scanning elec. microscope 2—33126
Co, thin crystal, bubble domain form. and struct. 2—19863
Co film, bubble and slip, nucleation 2—26048
Co foils, temp. stability of bubble domains 2—36699
Cr, single cryst., antiferromag., one spin density wave modulation, antiferromag. domains, single-Q state 2—16394
Cu-1%Co, single-multidomain transition of precipitates, neutron scatt. obs. 2—4361
Cu-1%Co, single domain precipitates, neutron scatt. obs 2—4360
$DyFeO_3$, high mobility of domain boundaries 2—10309
Er Fe garnet film, epitaxy, magnetic bubble 2—29823
$ErCo_2$-$ErAl_2$, mag. domain wall effects and partial disorder 2—33127
$Er_3Ga_{0.7}Fe_{4.3}O_{12}$ films, bubble domains 2—36742
$Eu_{3-x}Er_xFe_5O_{12}$, domain wall mobility correl. with Ga conc. 2—40524
$Eu_xY_{3-x}Fe_{5-y}Ga_yO_{12}$ epitaxial film, wall mobility, rel. to suitability for bubble domain devices 2—22690
Fe:Si, thickness rel. to domain struct. and mag. props. 2—16368
Fe-Ni-Co/SiO_2/Fe-Ni-Mo layer system, domain boundaries rel. to coercive force 2—13407
Fe-Ni film, domain boundary creep, temp. depend., 20 to −190°C 2—9644
Fe-Si, dislocation-ferromag. domain interaction, x-ray obs. 2—10198
Fe-Si, in alterniating mag. field, domain boundary displacement 2—36701
Fe-Si, temp. depend. of domain struct. 2—36689
Fe-Si ordered alloys, drumhead model 2—1648
Fe-Si single crystal, mag. domain struct., X-ray topographical obs. 2—29814
Fe-(3 wt.%)Si alloy, freq. depend. domain struct. rel. to losses 2—40449
Fe-(3 wt.%)Si alloy, mag. domain struct. 40448 2—40448
Fe-Ti oxides, rhombohedral, magnetic study 2—4341
Fe, crystal interaction between domain walls and dislocations under effect of mag. field 2—25473
Fe, domain and wall hyperfine fields 2—19985
Fe, polycrystalline, remanent condition, elastic deform. 2—19865
Fe, thick epitaxial film, inclined 90° mag. domain walls, Lorentz microscopy obs. 2—13408
Fe, zone melted crystals, X-ray topography obs. 2—10197
Fe whiskers, Bloch walls and magnetization processes from d.c. to 200 kHz 2—36700
Fe whiskers, domain nucleation field, tensile stress effect 2—13392
$FeBO_3$, wall model, rel. to photomag. effect 2—33174
α-Fe_2O_3, magnetic colloid observations of structure, wall energies estimated 2—10196
α-Fe_2O_3, tightly pinned domain walls 2—36770
FeSi ferromagnet, wedge shaped crystal, domain width, thickness depend. 2—19864

Domains continued
n-GaAs, free-running Gunn diode, fluctuations in drift velocity of high-field domains 2—36562
GaAs, Gunn domains, quenching, surface effects 2—4213
GaAs, h.f. in transit, during velocity/field characteristics meas. 2—36480
GaAs, microsconic analogue to laser oscillating acoustoelec. domains 2—36349
in-GaAs, slow domains and negative resist. via transferred electron effect 2—19643
GaAs Gunn devices, transverse spreading velocity, high field domain 2—29730
Gd, Gd-Au, film, superferromagnetism 2—4390
$Gd_3Fe_5O_{12}$:Si, cylindrical domain struct. 2—10229
$Gd(MoO_4)_3$, ferroelec., domain switching 2—16289
$Gd_2(MoO_4)_3$, control and applic. of ferroelec.-ferroelastic domain wall motion 2—40351
$Gd_2(MoO_4)_3$, ferroelastic, thickness of domain walls 2—16277
$Gd_2(MoO_4)_3$, ferroelec.-ferroelastic domain wall struct. 2—16290
$Gd_2(MoO_4)_3$, moving ferroelec. domains, moving microscopy obs. 2—25927
$Gd_xY_{3-x}Fe_{5-y}Ga_yO_{12}$ epitaxial film, wall mobility, rel. to suitability for bubble domain devices 2—22690
n-Ge, mobile high field domain parameters 2—6845
Ge, static, magnetic field effect obs. 2—29705
InP, solution grown, unstable domains, obs. 2—40257
KH_2PO_4, ferroelec., existence of dislocations at domain tips 2—22623
Mg-Mn ferrite, stripe domains, magneto- optical obs. 2—10310
Mn-Zn ferrite, recording head, rel. to grain size effects on noise 2—10224
MnBi films, domain configuration of magnetic holograms 2—7946
MnO, antiferromag. domain struct., dislocations, ordering, struct. 2—10250
$NaNO_2$, rel. to polarization reversal mechanism 2—40353
Ni-Fe alloy, wall motion, current flow effect 2—33148
Ni-Fe film, electrodeposited, critical curves for mag. fields 2—19898
Ni-Fe film, high temp. domain struct. determ. 2—10223
Ni-Mo alloy, rel. to ordering kinetics 2—36293
Ni, applied stress effect on magnetomech. damping 2—33149
Ni, ferromagnetic, size and stability, scaling laws, Curie pt. region, neutron depolarization obs. 2—16365
Ni, magnetomech. damping, plastic deform. effect 2—19890
Ni epitaxial film, galvanomagnetic effect study 2—13410
Ni_3Fe, $Ni_3(Fe_{0.76}Al_{0.24})$, ordered alloy growth, antiphase walls 2—9581
NiO, spin domain movement and magnetostriction 2—6994
Ni_8Ti alloy single crystal, size reln. to flow stress obs. on ordering 2—25504
$(Pb,La)(Zr,Ti)O_3$ ceramics, ferroelec. domain switching 2—40355
$PbMg_{1/3}Nb_{2/3}O_3$, ferroelec. structure investigation by selective etching method 2—1572
PtCo alloy, wall pinning as source of mag. hardening 2—19858
$SmCo_5$ alloy, wall pinning as source of mag. hardening 2—19858
$SmCo_5$ magnets, domain wall energy 2—10200
$Sm_{0.55}Tb_{0.45}FeO_3$, annealing induced domain wall mobility changes 2—10199
$Sm_{0.55}Tb_{0.45}FeO_3$, wall mobility enhancement through X-irrad. compared with annealing 2—26071
$Sm_{0.55}Tb_{0.45}FeO_3$ platelets, bubble domain propag. 2—6967
Sn, supercond., dynamic intermediate state, regularity of domain motion 2—36469
$SrO.4.1Fe_2O_3.1.9\ Al_2O_3$, reversal processes in hysteresis loops of single particle domains 2—33128
$SrO.(6-x)Fe_2O_3.xAl_2O_3$,, bubble domain props. 2—22103
$SrTiO_3$: Cr^{3+}, effect on fluoresc. 2—4494
$SrTiO_3$, paraelectric state, field-induced switching of tetragonal domains 2—19755
Ta_2CrO_6-$TaCrO_4$ system, paramag., Jahn-Teller effect 2—26095
Te, acoustoelec., modulation of intervalence band transition 2—7075
$VC_{0.84}$, ordered, struct., size, effect on hardness 2—6585
$Y_{3-2x}Ca_{2x}Fe_{5-x}V_xO_{12}$, dynamics of initial magnetiz. reversal processes 2—29820
$YFeO_3$, annealing induced domain wall mobility changes 2—10199
$YFeO_3$, bubble domain detection by scanning electron microscopy 2—26074
$YFeO_3$, concave magnetic domain wall, light beam focusing 2—7969
$YFeO_3$, high mobility of domain boundaries 2—10309
$YFeO_3$, weak ferromag., ^{57}Fe n.m.r., domain boundary oscillations, 77-400K 2—22681
YGdFe garnet, resonant motion of domain walls 2—40534
YIG:Ga films, rare earth substituted, domain wall motion 2—40531
YIG, shock-induced anisotropy, demagnetiz., domain theory analysis 2—36706
YIG films, bubble form. rel. to struct. 2—35897
YIG films, Ga-substituted, annealing effects 2—36752
YIG heteroepitaxial film, rel. to stress model 2—22069
$YbFeO_3$, self-biased bubbles 2—36783
ZnO, off-axis acoustoelectric, Brillouin scattering 2—4056
ZnS:I, rel. to low voltage electrolum. 2—36966

Domains, antiphase *see Alloys; Crystal structure/microstructure; Solids/structure*

Doping *see Crystal electron states/impurity states and effects; Crystal imperfections/impurities; Semiconducting materials; Semiconductors*

Doppler effect
in acoustic holography 2—31072
atomic line broadening 2—31638
broadened resonance radiation, Monte Carlo investigation 2—8426
broadening of γ rays emitted from nuclear excited levels, determ. of lifetime 2—11240
broadening of spectral lines from isotropic case of noncoherent scattering in plane-parallel finite layer 2—30760
Cherenkov radiation, motion of charge in dielectric in variable electric field 2—30910
collisions in gases, study of Doppler shift of light emitted by excited atoms at 10-100keV energies 2—2964
coupled broadened transitions, laser induced line narrowing effects, standing wave features 2—21494
crystal zero point velocity determination, rel. to Mossbauer obs. 2—36324
fluid velocity measurement, coherent and noncoherent methods in optical beating of Doppler shifted light 2—21747
h.f. Doppler dispersion during total solar disturbances eclipse and travelling ionospheric analysis 2—33526

Doppler effect continued

- interferometric method of meas. in spectra by arc heated flow from plasma jet 2—24765
- kinematics of inelastic collisions, influence on optical spectra and spectra of ejected electrons 2—5828
- laser anemometry, statistical ambiguity 2—15429
- laser beams, due to small vibrations, for amplitude meas. 2—155
- laser doppler velocimeter, signal broadening effects 2—23224
- laser flowmeter, photon correl. spectroscopy applic. 2—32153
- laser interferometer, application to vibration meas. 2—2428
- .m. scatt. from two dimensional random rough sea surfaces 2—30944
- Mossbauer effect, second order shift elimination 2—36831
- Mossbauer investigation, magnetic materials, review 2—16428
- nuclear lifetime attenuation factor, Monte Carlo method 2—34981
- nuclear reactor spectra, small-sample measurements 2—28137
- pulsars, high-velocity, period variations 2—10946
- radar return from two-dimensional rough surfaces 2—20284
- radiation of source, moving through anisotropic medium 2—14309
- resonant absorption of γ-rays, energy shift in disordered lattice 2—19976
- return from two dimensional random rough sea surfaces 2—16790
- ring laser, rel. to stability of travelling wave oscill. with arb. intensity 2—37947
- satellite air traffic control system, channel characterisation 2—16862
- shift of microwave signal for obs. of ion flow velocity in plasma torch 2—35522
- spectrum of oscillating source moving through warm electron plasma, effect of spatial dispersion 2—32067
- spontaneous emission from driven Doppler line 2—11934
- determination of surface backscattering patterns, metre, decimetre waves 2—30928
- u.s. velocity meter, M-sequence modulated, for cardiography 2—30679
- wave quanta, deduction from finite rest masses in material media 2—17201
- wind speed derivatives in precipitation, radar method 2—1861
- Ar plasma beam, line shift obs. for det. of ionic axial energy 2—35538
- Au hollow-cathode lamps, effect of large ejection velocities on the effective temperature of the emitting vapour 2—15218
- D plasma, laser beam produced, shift in reflected light 2—18645
- W, Doppler-shifted acoustic cyclotron resonance obs. of Fermi surface 2—22478

Dosimetry

- *see also Radiation monitoring; Radioactivity measurement; X-ray measurement*
- ^{131}I therapy of the autonomous functioning thyroid 2—23149
- accelerator, CERN 300 GeV, dose-rate below 5 rem/30y outside laboratories 2—2883
- accident reconstruction by the use of thermo-luminescent characteristics of environmental substances 2—5767
- body doses due to diagnostic radiography, film- thermoluminescent dosimetry method 2—41311
- CaSO$_4$:Mn thermoluminescent phosphor, det. sensitivity to 0.1-15 keV electrons 2—24097
- comparisons between Houston (U.S.A.), Edinburgh (U.K.) and Umea (Sweden) 2—41310
- damage to mammalian cells and tumours by alpha particles, deuterons, negative pions and neutrons, implications for radiation protection and cancer therapy 2—5040
- degradation luminescence of anthracene for meas. of ionising emission in heterogeneous systems 2—38774
- depth distribution for high-energy protons, neutrons, mesons and deuterons 2—5069
- design and operating characteristics of several radiation instruments 2—5770
- detector for true multiple scanning and obs. of absolute local etching 2—11206
- digital dosemeter, IC amplifier as integrator 2—26964
- disease, radiation-induced, problems of response relation to dose, dose-rate and quality 2—5047
- distribution, non-uniformity of absorbed dose, radiobiological effects, assessment of radiation hazard in space flights 2—5062
- DNA breakdown, after γ-irradiation in synchronously growing E coli B bacteria 2—26951
- dose equivalent meas. and control for patients undergoing whole body in vivo neutron activation analysis 2—41305
- dose rate difference measurement 2—2039
- dose vs. angle depth produced by high energy electrons incident on thick targets 2—2895
- effective dose after repeated exposure, assessment of radiation hazard in space flights 2—5061
- electron, sensitivity of ionization chambers to incident beam energy 2—38387
- electron beam, parasitic radiation meas. 2—557
- electron beam depth dose curves, surface ionization ratio for 3 to 11 MeV 2—37451
- electron beam depth dose curves, theoretical and experimental curves for 3 to 11 MeV 2—33790
- enamels, thermolum., dosimetric props. 2—29987
- environmental radiation and radioactivity from CERN high energy accelerators 2—2865
- equivalent measurements in mixed radiation field, tissue equivalent counter and processing of data 2—5064
- equivalent meter for personnel use in mixed radiation field 2—5065
- exposure rates and activity, prediction of, dismantling the DIORIT reactor 2—11921
- Farmer Dosemeter Mk. II, calibration and equilibration times, errors 2—33792
- Farmer Dosemeter Mk. II, pressure time-constants and correction factors 2—33791
- fast neutrons, in vivo aluminium dosimeter 2—2033
- film badge, with In and Cd filters, calc. response to intermediate neutrons 2—31631
- fission fragment track dosimeters, with In and Cd filters, calc. response to intermediate neutrons 2—31631
- fluorite, thermolum. props., application in rad. dosimetry 2—27902
- fluoroscopy, exposure pattern, surface, bone marrow integral and gonadal dose 2—17105
- gamma dose rate bracketing from exploding nuclear device, by steady state transport calc. 2—11922
- gamma ray, absolute, by recoil electron spectroscopy 2—5579
- gamma ray, by optical rot. of glucose, sucrose, fructose, and arabinose solns. 2—5596

Dosimetry continued

- gamma-radiation dosimetry for arbitrary source and target geometry, computer program 2—21476
- gamma-ray, automatic dosimeter checker 2—17125
- gamma-ray dosimetry using proportional counter, plastic wall type 2—38775
- gamma-ray monitor, use at perimeters and surrounding of nuclear power stations 2—5769
- gamma-rays up to 50 MeV, standard free-air chamber with magnetic field 2—2623
- gaseous chemical dosimeters, mixed reactor radiations 2—559
- Grand Tour missions to Jupiter, Neptune, Pluto, Saturn and Uranus, calculation of radiation 2—23113
- heavy primary measurement in the region of supersonic aircraft using plastic stacks 2—2893
- high dose rates, tested in CERN proton synchrotron 2—31632
- and induced activity around external proton beam targets 2—2878
- induced radiation, monitoring system for high-energy accelerators and storage rings 2—2898
- instruments, checking w.r. to exposure dose or exposure dose power 2—38384
- intra-uterine transfusion, radiation doses given to mothers and foetuses 2—37450
- ion beam target, for producing uniform distribution of irradiation damage 2—560
- ionization chamber for the direct measurement of dose equivalent 2—2622
- ionization chambers for absorbed dose calibrations of high energy X-rays and electron beams 2—445
- ionizing radiation absorbed energy and elec. charge distrib. meas. system 2—18268
- irradiation facility at a thermal reactor, variable neutron/gamma ratio 2—2886
- luminescence dosimetry, conference, Risoe, Denmark, Oct. (1971) 2—29948
- measurement precision below 1000 rads, FeSO$_4$ dosimeter 2—5058
- m.o.s., and bipolar circuits, testing at dose rates from 10^9 to 10^{12} Rad (Si)/s 2—22599
- neturon radiography, as practical clinical tool 2—5059
- neutron beam intensity estimation, for biological and medical applications 2—5042
- neutron beams, ionisation chamber 2—2624
- neutron depth in man and corresponding quality factors, case for new definition of acceptable radiation level 2—5067
- neutron distribution in wet tissue as a function of LET$_\infty$ 2—5060
- neutron therapy, relation between RBE and dose 2—17124
- neutron using semiconductor detectors and hydrogenous radiator assembly 2—2636
- neutrons, 14 MeV, depth experiments in a low scatter environment 2—5068
- neutrons, pions, protons, high-energy, biological efficiency 2—5045
- neutrons, tissue-equivalent ionization chambers and silicon diodes 2—2035
- neutrons and protons, 400 MeV, effect of lateral scattering on absorption 2—5070
- Nimrod, inner vacuum vessel measurements 2—5623
- Nimrod beam expts. quarterly report 2—20744
- nuclear radiation detection, monitoring, instrumentation 2—38348
- nuclear reactors, distribution of casualties from accidentally released activity 2—2887
- nuclear reactors, Geneva 1971, conference 2—24257
- nucleons, calculations for high-energy 2—2891
- oxalic acid for mixed pile radiation in multimegarad range 2—5768
- particle track visualisation of high energy radiation using an organic polymer 2—2890
- phages, estimation of biological efficiency of secondary radiation of 70 GeV protons 2—5044
- photographic dosimetry, applic. of radioisotope X-ray fluorescence spectrometry 2—330
- photomultiplier tube, a.c. heater current rel. to readings 2—27897
- photon counting technique application 2—27898
- pion beam, detailed Monte Carlo program 2—2889
- pion beam for radiobiological and dosimetric studies using a proton synchrotron internal target 2—2888
- polymethylmethacrylate, optical density, light exposure effect 2—38386
- proton, recoil, across a bone-tissue interface due to fast neutrons 2—2036
- protons, 200 MeV, dose depth and quality factor for infinite tissue equivalent slab 2—14037
- protons, alpha particles and heavy ions of high energy with nuclear emulsions and cellulose nitrate 2—5063
- quality factor and dose equivalent behind the shielding of a 70 GeV proton synchrotron 2—2892
- quartz, thermolum., press. and thermal effects, pot. as rad. dosimeter 2—29986
- radiation levels in experimental and associated areas, cyclotron vault 2—2881
- radiation loop parameter optimization for gamma sources 2—38767
- radiation monitoring systems and instruments, NAL safety policy 2—2899
- radiation safety practice and accelerator shielding 2—2884
- radioactive aerosol, dispersion factor, impactor meas. 2—26963
- radiolytic oxidation of leuca crystal violet, dosimeter for γ-rays 2—16689
- reactor irradiation facilities, individual dosimetrical control 2—11898
- remmetry, methods in the fields of mixed radiation 2—5071
- scatter-air ratios, calc. and tissue heterogeneities 2—41309
- scintillator, organic as an acceptable LET dependent detector for quality factor and dose equivalent determinations in a mixed radiation field 2—2628
- security systems in vicinity of accelerators, accident prevention 2—2866
- solids, slowing-down-cascade spectra 2—19475
- space and nuclear radiation effects, conference, Durham USA 1971 2—19697
- space and supersonic transport, acclerators, conf. 2—5048
- spaceship measurement of integrated radiation 2—5066
- storage rings, intersecting CERN, preliminary health physics report 2—2897
- superconducting magnets, synchrotron 2—14372
- synchrocyclotron, personnel dose monitoring, dismantling and disposal 2—2896
- thermoluminescent diode, CaF$_2$:Dy phosphor batch characterization program 2—18023
- thermoluminescent discs for skin dose measurement from low energy β and γ radiation 2—2037

Dosimetry continued
- thermoluminescent dosimeter and reader, heated by hot air jet 2—27899
- tissue-equivalent radiation calorimeters, heat defect 2—41312
- Vicia faba seeds, estimation of biological efficiency of secondary radiation of 70 GeV protons 2—5044
- visual presentation of dose spatial distribution of fast electron pulses by fluorescence in air 2—27828
- whole-body counter, occupational radiation burdens and ^{137}Cs burdens on population of Budapest, data processing 2—41313
- X and gamma beam characteristic measurements with a modified calorimetric set 2—11680
- X-irradiated Fischer cell culture medium, harmful effects on cells 2—26952
- X-ray machines, exposure characteristics 2—17109
- X-rays, surface effects at oblique angles 2—2034
- Ag:PO_4 glass dosimeter, delta-ray theory of track structure, energetic heavy ion detection 2—34823
- BeO, thermolum., dosimetric props. 2—27904
- CaF_2, thermolum. props., applications 2—29973
- CaF_2 dosimeter for terrestrial solar u.v. radiation 2—13514
- Cl neutrons and Ra gamma- rays, response of mouse jejunal crypt cells to low dose rate irradiation 2—33781
- ^{60}Co dose distributions, experimental evaluation of calculated distribution 2—2038
- $FeSO_4$, Fricke dosimeter, delta-ray theory of track structure, energetic heavy ion detection 2—34823
- $FeSO_4$ dosimeter, measurement precision below 1000 rads 2—5058
- HeLa cells, irradiated in 14 MeV neutron beam, measurement at RBE, OER and recovery from sub lethal damage 2—26965
- ^{131}I treatment of hyperthyroidism, dangers and complications 2—23150
- LiF, dose re-estimation, thermoluminesc. obs. 2—27895
- LiF, prep. for dosimetry, readout instrument 2—27896
- LiF, radiothermolum., sintered dosimeters for personnel monitoring 2—27903
- LiF, thermolum., props., applications 2—29984
- LiF, thermoluminesc. efficiency, rad. and thermal treatment effects 2—27894
- LiF thermoluminescent dosimeter, delta-ray theory of track structure, energetic heavy ion detection 2—34823
- Si radiation detectors, temperature depend. of photocurrents produced by X- and γ-rays 2—38383

Double refraction
- *see also Electromagnetic wave propagation; Optical constants; Optical rotation; Polarization/light*
- acoustical birefringence, acceleration wave in plastic materials, Prandtl-Reuss, generalized 2—17340
- birefringence, electric and mag., quantum theory, variation-perturbation method 2—15540
- birefringence, illustrative experiments using three centimeter e.m. waves in artificial dielectrics 2—2302
- birefringence and photon statistics 2—31021
- birefringence meas. method based on light scatt. from polarized beam 2—4433
- block copolymers, depolarized light scattering in terms of birefringent domains 2—16422
- circular and linear birefringence, concurrent measurement 2—21155
- dielectric optical waveguides, glass fibres 2—17714
- electric field induced, origin in transparent glasses and liquids 2—36812
- epoxy-diane resin, γ-irrad. effects 2—39803
- in Fabry-Perot interferometer, tuning elements for dye lasers 27654 2—27654
- in Faraday effect devices, two compensation methods27601 2—27601
- ferromagnetic crystals, specific circular and linear magnetic birefringence 2 -40609
- filter, tuning and error sources 2—8022
- Kerr-active liqs., time-resolved picosecond spectroscopy 2—18836
- laser active elements, development due to pumping obs. using intensity of polarization components 2—17583
- liquid crystal, nematic film, elec. controlled birefringence 2—39363
- liquid crystals, birefringence and polymorphism 2—9092
- liquid crystals, compensated cholesteric, temp. and wavelength dependence of birefringence from optical rotatory dispersion meas. 2—28857
- p-methoxybenzyline-p-butylaniline, nematic liquid, birefringence, temp. depend. 2—18828
- naphthalene-d_8, anisotropy of opt. polarizability from induced birefringence produced by photoselection 2—3110
- nematic liquid crystal, elec. field induced orientational deform., tunable birefringence 2—25080
- photoconductor/liquid crystal sandwich, coloured image formation 2—31133
- plastic, optical yield and birefr. 2—19969
- polycarbonate, glassy, decay of birefringence, for const. extension, 23°C 2—25495
- polydimethylsiloxane rubber, swollen, isothermal stress birefringence 2—1652
- polypropylene, structure of spherulites from birefringence measurements 2—35862
- polyvinyl alcohol films, study of chain orientation by birefringence 2—6004
- quartz, direct measurement by det. of thickness of half-wave plate 2—7048
- α-quartz, photoelastic dispersion of stress-birefringence meas. using Soleil Babinet compensator 2—36820
- rare earth iron garnet, at mag. compensation point 2—16457
- rare earth iron garnets, linear mag. birefringence 2—40530
- rare earth orthoferrites, Sm-doped, low birefringence 2—40613
- retinal rods, measurement of retardance of single unbleached rods 2—7613
- Soleil compensator, employing half shade plate, error in balancing 2—38091
- TE_{01} and TM_{01} light beams, induced birefringence 2—31062
- transparent media, real time obs. of induced variation 2—27602
- two beam balance method for induced birefringence constants 2—38077
- α-Al_2O_3, temp. dependence, spectrographic meas. over 20 to 65°C and λ=400 to 650 nm 2—7046
- Ar h.c.p. single cryst. doped with 2% O_2, birefringence, structure confirmation 2—18976
- $CaWO_4$:Nd^{3+}, optical pumping, birefringence dispersion, population inversion 2—20030
- CdS, acousto-elec. domain, acoustic strain detn. 2—26114
- CdS, birefringence spectral depend. 2—7061
- CdS birefringence meas., 2.5-13 μm, of single crystals 2—10301

Double refraction continued
- CdS_xSe_{1-x}, directional strain effect on birefringence 2—29912
- $Gd_3Al_5O_{12}$, melt grown 2—22110
- $Gd_2(MoO_4)_3$, ferroelec., anomalous optical hysteresis 2—19971
- $NH_4H_2PO_4$ 45° x-cut, four crystal monochromator 2—21132
- $NH_4H_2PO_4$ crystals, temp. dependence, spectrographic meas. over 20 to 65°C and λ=400 to 650 nm 2—7046
- Nd glass laser, effect of induced birefringence of active material on operation 2—11483
- Si, dislocation contrast due to stress birefr., i.r. obs. 2—15763
- 2HSic, calculated from refractive indices, found by minimum deviation method 2—26108
- ZnSe, electric field induced decrease 2—10313

electric *see Electro-optical effects*

flow
- aromatic liquids, temperature dependence 2—6232
- Brownian particle in laminar flow with const. vel. gradient, distrib. functions 2—35797
- dipole interaction effects in isomeric liquids 2—6013
- methyl cellulose solution, effect of ageing on flow birefringence 2—35740
- polyvinyl alcohol solution, effect of ageing on flow birefringence 2—35740

magnetic *see Magneto-optical effects*

mechanical
- *see also Photoelasticity*
- alkali halides, piezobirefringence in vac. u.v. 2—16470
- alkaline earth fluorides, piezobirefringence in vac. u.v. 2—16470
- glass, different compositions, thermal expansion determ., fusion method 2—25687
- polyvinyl chloride, cleavage fracture, birefringence obs. 2—15889

Double resonance *see Nuclear magnetic resonance and relaxation; Paramagnetic resonance and relaxation*

DPPH (Diphenylpicrylhydrazyl) *see Free radicals; Organic compounds*

Drawing *see Forming processes*

Drops
- breakup of accelerating drops 2—32211
- buoyant liq. suspended in viscous liq., motion, deform., burst. 2—32209
- coalescence in liquid-liquid fluidized beds 2—1126
- coalescence in turbulent clouds 2—20344
- coalescence of 2 colliding drops suspended in water 2—9068
- coalescence of colliding drops suspended in second liquid, probability and film thinning 2—9069
- collection efficiencies of small droplets falling through sheared air flow 2—32212
- condensation, digital computer simulation 2—9215
- deformable, suspended in long conduit, second order theory 2—32213
- deformation of electroconducting liquid droplets rel. to dispersion in elec. field 2—15613
- droplet model of real gas near critical point, study of droplet-droplet interaction and correlation function 2—9030
- duct flow with neutrally buoyant droplets, pressure drop 2—28457
- enclosed by non-Newtonian fluid, effect of slow flow of fluid 2—912
- evaporation in high temp. and pressure environment 2—39431
- evaporation in saturated atmosphere, capillarity influence 2—6285
- falling water drops, interactions and coalescence 2—9067
- flow, two phase nonequilibrium, effect of polydispersivity of condensed phase 2—12586
- in gas stream, viscous, eqn. for motion 2—39244
- n-hexane, superheated tensile strength by ultrasonic cavitation 2—9066
- n-hexane droplets, evaporation in high temp. and pressure environment 2—39431
- in high-speed gas flow, deformation and mass loss 2—1019
- hollow, gas filled, surface tension, negative press. eqns. 2—32210
- immersed in conducting fluid, fluid motions induced by e.m. field 2—18573
- inertial collision efficiency at high values of Stokes' numbers 2—32207
- jets, high speed gaseous 2—39312
- jets of charges drops, microphotograph obs. 2—32200
- kerosene in water, wakes of vertical and horizontal assemblages 2—25026
- liquid, breakdown dynamics in gas flow 2—1063
- liquid, non-linear response on deformation 2—6189
- liquid, photographic recording 2—23742
- liquid droplet, unsteady vaporization 2—22045
- liquid transfer, quantitative data correlation with qualitative obs. 2—9064
- liquid-vapour biphase, in KCl, thermomigration 2—25375
- MHD, in non-reacting conducting fluid, effects of conductivities and permeabilities of two fluid phases 2—12352
- motion, surface active molecule adsorption, diffusion and convection, interface phenomena 2—28920
- motion in two-phase boundary layer on flat plate 2—12531
- nematic liquid cryst. droplets in emulsion in isotropic liq., internal config. 2—25037
- precipitation of drops onto wall liquid film, from dispersed steam-water flow 2—28695
- production by drip method 2—3354
- raindrop size spectra, use in rain intensity determination 2—30289
- refractory oxide, solidification, spheroidization times, supercooling 2—12613
- rotary annular columns, dispersed phase hold-up and mean drop diameter 2—35704
- sea water, size determination 2—32208
- size determ. in spray from atomizer, meas. of autocorrelation function of droplet image 2—6188
- size distrib., growing by condensation in cloud effect of turbulence 2—20345
- size distribution in immiscible binary liquid system, photoelectric probe 2—39316
- solidification, effect upon two-phase nozzle flow 2—32168
- spherical droplets, symmetrically placed about axis of circular cylinder, slow settling 2—39398
- spray, polydisperse, device for production with controllable size distribution 2—3415
- stability of charged drops in uniform electric fields 2—39400
- submerged in velocity field in presence of surfactants 2—39314
- thermophoresis of soln. droplets 2—22013
- vapour-drop, one component, velocity of sound calc. 2—12584
- viscous, fusion rel. to surface tension forces, sintering mech. 2—36256
- water, decelerating in air, drag coefficients 2—1865
- water, deformation when subjected to strong electrical forces 2—3355
- water, heat transfer in calculations of highly loaded injection coolers 2—39275

Drops continued
water, holographic visualization and counting 2—287
water, in air flow, velocity determination by Doppler effect with laser light 2—28696
water, nucleation by Brownian contact with AgI and other aerosols 2—18859
water, stability of oscillations in electric field 2—9065
water, supercooled droplets, effect of CuS on freezing 2—39424
water and aqueous solutions, condensation growth passivation 2—1061
water and aqueous solutions, explosive evaporation in field of optical radiation, dynamics 2—28957
water drop-surface wave interaction obs. 2—1060
water droplet generator for controlled pairs of equal and unequal size 2—18862
wetting angle, determ. by drop method 2—39318
H_2O, exciting acoustic waves by means of giant laser pulses 2—28769
He, liq., macroscopic quantum effects 2—6270
Drying
concrete, migration of moisture, effect of temperature gradient and pore pressures 2—15948
ethanol films, dry spot formation on heating from below 2—9122
moisture content meas. using gamma radiation 2—14050
porous medium, nonlinear heat and mass transfer, extended variational formulation 2—183
thermodynamic transport processes, evaporation, vibration drying 2—37791
thermodynamics transport phenomena, irreversible processes 2—37790
Dual resonance model
absorptive model, realizations by sum of a Regge recurrence in direct channel, analyticity properties 2—38272
algebraic duality. rel. to chiral symmetry breaking 2—396
amplitude with one planar loop, analytic structure 2—31241
amplitudes with phase double spectral representation 2—14615
backward scattering, duality constraints and ε meson couplings 2—21271
baryons, parity change rule 2—5550
Bjorken scaling for inclusive and quasi- inclusive processes, deep-inelastic electron scattering 2—21270
Breit-Wigner model and rapid scaling, alternative expansion in coupling constant 2—21256
causality and convergence of dual perturbation series by analogy with non-local non-polynomial field theory 2—34576
Chew Pignotti duality, application to pseudoscalar meson and photon production 2—11590
collinear algebra 2—34577
crossing symmetric representations with finite width resonances 2—21274
current amplitude construction, conference 2—31258
current amplitudes, electromagnetic processes of hadrons 2—31249
detailed wave eqn. theory, for extended model underlying dual amplitude 2—31212
distribution of spins of the resonances calc. using quantum statistical mechanics 2—17869
dual absorptive model, rising Regge trajectories study 2—23823
dual amplitudes, derivation and applic. to $\pi\pi$ and πN scattering 2—31243
dual loop graphs, nonorientable, rel. to isospin 2—395
dual Pomeron amplitude, asymptotic behaviour 2—23827
dual-pion model satisfying current-algebra constraints 2—31281
eight point amplitude, short range correlations in 2-particle prod. 2—17863
elastic scattering, connection with diffraction dissociation using dual diffractive model 2—408
elastic scattering, dual absorption model comparison of $\bar{p}$p, pp, $K^\pm$p and $\pi^\pm$p scatterings near 8 and 16 GeV/c 2—34724
elastic string model of duality relationship to transformation functional 2—2533
e.m. currents, physical and formal presentations 2—17855
factorizable models, construction of N-reggeon vertex 2—11586
finite transform sum rule, duality considerations 2—34638
fully symmetric, Lorentz invariance 2—17861
functional integral approach 2—17761
generalization, in functional integral formulation 2—2528
group theoretical structure, basic operators in terms of non-unitary, local representation of SL(2,R) with reflections 2—14597
hadrodynamics, e.m. currents 2—393
hadron inclusive reactions, cross section calc. in triple Regge limit 2—17849
hadron interactions, low energy phenomenology 2—38263
hadrons internal symmetries, contradictions between duality and bootstrap predictions 2—23804
Harari Freund conjecture, constraints in inclusive reactions 2—8133
harmonic operator formalism construction, with different trajectories 2—8140
inclusive processes duality and weak energy dependence of single-particle spectra 2—34632
invariant amplitudes for studying parity content of duality 2—38278
lattice model, space time approach, Veneziano amplitude calc. 2—8141
low energy limit, connection with Yang Mills fields 2—11554
with Mandelstam analyticity, model construction5517 2—5517
meson-baryon scattering, without parity doublets 2—5520
missing mass spectra, high energy, duality predictions 2—23814
multi-particle, use in strong interaction theory 2—8136
multi-Regge amplitudes, factorization 2—8148
multiparticle scattering, features of nonlinear trajectories 2—400
N-particle inclusive reaction, factorization 2—21273
N-pion scattering, chirality 2—8178
N-Reggeon vertex, field operator formalism 2—2538
N-Reggeon vertex from n-particle Veneziano amplitude 2—27728
Neveu-Schwarz model, generalization to arbitrary intercept 2—5515
non-parity doubled states in hadron scattering 2—38277
noncommuting operators introduction into trajectories 2—14617
nonpomeron Regge cuts representation possessing duality 2—21275
one loop diagrams, classification, relation to integral regions 2—2531
operator formulation for theory with nonlinear trajectories 2—38273
parton approach to dual models 2—23816
parton dual resonance model for electron production and lepton-pair annihilation processes incorporating final state interaction 2—14569
parton dual-resonance model, predictions for total cross section of $e^+e^- \to$hadrons 2—14570
physical states, construction for case of intercept $\alpha(0)=1$, general procedure 2—38268
physical states, spurious states and projection operator 2—14595
pion-fermion system, embryonic model 2—411
Dual resonance model continued
pion-quark model, equivalence of fermions in individual models 2—17844
of pions with no tachyon 2—17922
quark, new gauge identities 2—386
quark spin in dual resonance model 2—31240
quark-gluon model of hadrons 2—8128
Regge behaviour and duality, approach based on infinite sum of one-particle-exchange amplitudes 2—23829
Regge cuts with crossing symmetric model 2—34649
Regge pole-cut effect trajectories, t-channel functions proposed which reproduce successes of absorptive model 2—14607
Reggeon vertex, general form, in dual theory 2—2532
relativistic quark model, low energy aspects for $\pi\pi$ and πN scattering amplitudes 2—17945
relativistic quark model for $\pi\pi$ and πN scattering amplitudes, high energy aspects 2—27731
renormalization of models with unit intercept, consequence of gauge invariance and uniqueness studied 2—14594
s-channel dual absorptive model, consequence of t-channel absorption 2—17864
scaling laws in strong and electromagnetic interactions of hadrons generated 2—17856
scattering amplitudes constructed with partial differential eqn. having solutions with dual model characteristics 2—38271
spin and unitary spin 2—23821
statistical theory view, study of distribution of spins and affective trajectory 2—23817
SU(1,1) coupling scheme for construction of dual vertices 2—17868
subsidiary cond., equivalence to relativistic quantum mechanics of 1D-mechanical continuum 2—7669
supergauges, field theory interpretation 2—2529
symmetric N-Reggeon vertex with nonequal Regge trajectories 2—14616
triple-Regge vertex helicity-pole and related asymptotic behaviour of six-line amplitude 2—17883
two-particle discontinuities of planar and nonplanar single-loop graphs 2—31246
two-particle distributions investigated, determ. limiting distributions 2—21272
two-particle spectra in inclusive reactions, studied using eight-point Veneziano amplitude 2—17876
unitarity content of amplitudes with peripheral parameter profiles shown to be dominated by inelastic intermediate state contributions 2—11587
Virasoro, partial widths rel. to Regge residues 2—8139
Virasoro model, construction using Lorentz group 2—8143
Ward like identity, for string model, origin and physical meaning 2—8142
e^+e- annihilation structure function 2—38238
KK scattering, model with exotic resonances 2—31295
K$\bar{K}$ scattering, model with exotic resonances 2—31295
$K^-K^+pn\pi^-$ system, applic. to $K^-p \to K^-\pi^+n$ reaction at 1.33 to 11.2 GeV/c 2—17906
NN, N$\bar{N}$ scattering 2—38317
νN-scattering current algebra sum rules and duality 2—377
π scattering by any target, set of constraints 2—21291
$\pi\Delta$ charge exchange, dual approach to Regge dips 2—399
πK scattering, model with exotic resonances 2—31295
$\pi\pi$ scattering, model with exotic resonances 2—31295
ε production, geometrical approach, comparison of dual predictions with expt. 2—34698
Ductility *see Plastic flow; Plasticity*
Dusts *see Aerosols; Powders*
Dynamics
see also Ballistics; Kinematics; Rotating bodies; Vibrations
angular and linear momentum, unit, proposal for names planck and galileo respectively 2—33858
automobile wheels, static vs spin balancing 2—17279
brachistochrone problem generalization introducing slide friction 2—17291
canonical dynamics of charged particles, in terms of the geometry of symplectic manifolds 2—7651
centrifugal reaction force, teaching demonstration 2—33851
centripetal force, exptl. teaching demonstration 2—17157
classical, as eigenvalue problem 2—122
classical dynamical systems, inverse Noethers theorem, simple proof presented 2—17284
classical Hamiltonian system, constants of motion and Lie group actions 2—20885
classical spin variables, classical counterpart of Dirac Feynman Gell-Mann equation 2—20843
cylinder, dynamically equivalent multi-particle systems 2—27120
cylindrical membranes, nonlinear theory 2—30846
discrete nonconservative dynamic systems, mathematical modelling, stability characteristics 2—17288
dynamical systems coacting with sets of hyperelastic bodies, discrete elasticity 2—20896
equations of motion, conditions for integrability in presence of non-holonomic coupling factors 2—37670
explosive evaporation of water drops in field of optical radiation 2—28957
finite element appendage equations for hybrid coordinate dynamic analysis 2—30832
flight, application of methods of solving nonlinear differential equations 2—33972
fluids, with dissipation, formulation of gen. relativistic eqns. 2—14087
four dimensional mapping, numerical methods 2—23056
freely falling spheres at moderate Reynolds numbers, wandering mechanism 2—20886
H II regions, numerical study 2—30436
Hamiltonian formulation, asymptotic behaviour at large times 2—11321
high speed transient deformation, three dimensional Moire fringe technique 2—27187
infinite plate, elastic foundation, dynamic response and damping 2—27210
inhomogeneous systems in stationary external field, extension of concept of subdynamics 2—37651
isolated vapour bubble, in saturated nucleate boiling, effect of heater thermal factors 2—32310
number of isolating integrals in systems with three degrees of freedom, four dimensional mapping 2—14154
Jura dynamics, overall aspects 2—33404
kinetic equation for weakly impure normal systems 2—33969
Lenz vector, generalization 2—14156

Dynamics continued
momentum conservation principle, demonstration using bow, arrow and ballistic pendulum 2—17285
multi-storey configurations, differential equations of dynamic seismic problem, formation of 2—23319
multilayered orthotropic viscoelastic plates, simplified treatment 2—23325
multivariable system, transformation from Companion to Jordan canonical form 2—27122
Newtonian, canonical formulation 2—33967
nonlinear, applicable to aeronautics, symposium 1972 Loughborough 2—33970
nonlinear characteristics of flight vehicle, method of analysis 2—33971
particle motion in monopole-prolate quadrupole gravitational field 2—2098
plasma, rel. between space charge and spatial potentials, conditions for instability 2—8912
plates and shells, viscoplasticity theory 2—27183
pulsars 2—26793
relativistic, of a particle of variable mass 2—33895
relativistic motions isometric with respect to particle 2—14157
rod, nonlinear theory 2—33968
semidetached binary star systems, time-dependent studies of dynamical instabilities 2—26727
simulation of a gravitational field by a centrifugal field 2—27121
stability and motion in two degree of freedom Hamiltonian systems, three-to-one commensurability 2—120
stars, collective relaxation of two phase space density collisionless one dimensional self gravitating systems 2—10850
stellar, and discontinuous Markov process 2—16972
stellar, phase space boundary integration of Vlasov eqn. for collisionless one-dimensional stellar systems 2—10849
stellar, relaxation process enhancement by collective effects 2—10851
stellar, rrlaxation times 2—10847
stellar collisionless, applications of plasma physics methods 2—10848
stellar systems, evolution of initially balanced rotating disks 2—16974
structural, stability analysis using Liapunov functionals 2—33973
teaching, initiating motion in child's swing 2—33855
teaching, use of vector notation and matrix methods 2—27011
teaching of basic dynamics 2—7638
thin cylindrical shells conveying fluid, stability less by flutter 2—20911
Timoshenko beam dynamics 2—124
transfer matrix relationships for repeated structures 2—5174
transverse vibs. of pianoforte string struck by hammer 2—20910
variable mass systems in Newton's second law, example 2—14155
vortex rings, bilaterally symmetric, computation of induced velocity 2—12348

Dynamometers *see Force measurement*

Dynamos *see Electrical machines*

Dysprosium
atom, $4f^{10}6s6p$ and $4f^{9}5d6s^{2}$ configurations 2—35136
deformation study by X-ray diffraction, stacking fault probability 2—3772
elastic constants, variation in 4.2-300 K range in 2.5 T magnetic field 2—39764
electron energy loss spectra, plasma peaks 2—1470
ferromagnetic, intrinsic coercive force 2—40469
ferromagnetic reson., magnetoelastic effects 2—22820
ion, X-ray spectra, anal. on basis of SCF calcs. 2—35135
magnetoelastic interaction, static and dynamic effects 2—25999
magnon energy spectrum 2—40441
X-ray excited optical fluorescence, in Gd_2O_3, La_2O_3, and Y_2O_3 2—22805
yttrium ethylsulphate:Dy^{3+}, paramag. relax., Orbach processes obs. 2—36982
Dy i, atomic isotope shifts in visible region of spectra 2—31661
Dy I, spectrum classif. 2—11953
Dy^{3+}, in CdS, interstitial site, g-factor calc. 2—10287
Dy^{3+}, in YVO_4 and $YAsO_4$, paramag. resonance and relax. 2—10488
Dy^{3+} e.p.r. in Pd 2—33343
Dy^{3+} emission in La_2O_2S, thermal quenching 2—1709
Dy^{3+} in CaF_2, noncubic components of emission spectra 2—26213
Dy^{3+} in lanthanide fluorides, far-i.r. Stark and Zeeman splitting 2—40669
$Dy^{3+} \rightarrow Dy^{2+}$, reduction in CaF_2 on X-ray irrad., colour centre formation 2—36063
^{157}Dy as bone scanner using whole body scanner and scintillation camera 2—20741
^{161}Dy Mossbauer thermometer, low temp. calibration 2—37828
$YAsO_4$:Dy^{3+}, low lying ground level doublets, e.p.r. and optical absorp. obs. 2—33337

Dysprosium compounds
aluminium garnet, electronic Raman scatt. theory 2—29938
Er-Dy alloy, mag. struct., exchange interactions, anisotropy, neutron diffr., 4.2-293k 2—26024
gallium garnet, electronic Raman scatt. theory 2—29938
Au-Dy dil. alloys, e.s.r. of Γ_8 state of localized moment 2—40754
Au-Dy dil. alloys, Γ_8 (quartet) resonance obs. 2—26272
DY_2O_3, effect on elec. an mag. props. of $Zn_xNi_{1-x}Fe_2O_4$ 2—13413
Dy-Ln-Co ternaries, Ln=Pr, Nd, magnetic characteristics 2—10213
DyAl garnet, mag. and thermal props. 2—40552
DyAl garnet, reson. cancellation of Raman scatt. from electronic levels 2—36897
DyAl garnet, reson. electronic Raman effect 2—26191
$DyAlO_3$, absorpt. spectra, magnetic ordering effects 2—33259
$DyAlO_3$, metamag. behaviour 2—10245
$DyAlO_3$, metamag. behaviour and magnetoelec. effect 2—10246
$DyAsO_4$, Jahn-Teller induced phase transition, Raman scatt. obs. 2—16534
$DyAsO_4$, low temp. X-ray diffr. obs. of crystallographic phase transition 2—25628
$DyAsO_4$, mag. struct., phase transformation 2—36765
$DyAsO_4$, mag. struct. 2—13417
$DyAsO_4$, phase transition 11.17K, Raman scatt., degenerate phonon line splitting 2—16535
$DyAsO_4$, tetragonal- orthorhombic transform. 2—39982
DyB_{12} thermal expansion, in range 78-1300°K 2—6684
$DyCo_2$, mag. ordering temp., press. depend. 2—33142
$DyCo_2$, strong field magnetiz. 2—33159
$DyCo_2$, thermal variation of lattice parameters mag. transition 2—26054
DyCu, mag. struct., neutron diffraction obs. 2—10238
$DyFe_2$ and pseudo-binary systems, Mossbauer effect 2—4441
$DyFe_2$, giant magnetostriction 2—10244

Dysprosium compounds continued
$DyFe_2$, giant room temp. magnetostriction 2—36741
$DyFe_2$, Mossbauer effect, quadrupole shift at ^{57}Fe site 2—10318
$DyFeO_3$, Faraday effect 2—10309
$Dy_3Ga_5O_{12}$ and $Dy_3Ga_5O_{12}$-$Ln_3Ga_5O_{12}$ solid soln., Czochralski growth 2—19003
DyH_2, Mossbauer spectra, low temp. 2—7055
DyM, M=Cu, Ag, Zn, Rh, Mossbauer effect 2—26125
$Dy_2(MoO_4)_3$, precision lattice parameters, ferroelectric-paraelectric struct. transition 2—9486
$DyNaO_2$, cryst. struct., X-ray obs. 2—35987
$DyNi_2$, strong field magnetiz. 2—33159
DyNiCo, mag. struct. 2—26037
Dy_2O_3 X-ray diffraction study of crystal structure near melting point 2—6451
DyOOH, antiferromag., and metamag. props., Neel temp. obs. 2—19926
$DyPO_4$, antiferromag. struct., neutron diffr. obs. 2—26063
$DyPO_4$, antiferromagnetic transitions, ^{31}P n.m.r. obs. 2—6992
$DyPO_4$, mag. interactions 2—19922
$DyPO_4$, mag. spin structure, confirmation as ideal 3D Ising system 2—4404
$DyPO_4$, mag. susceptibility under saturating mag. field 2—20124
$DyPO_4$, magnetothermal resist., mag. phase diagram 2—22705
$Dy_xR_{1-x}Fe_2$, r=Tb, Er, Tm, mag. anisotropy, spin rot., crystalline fields, Mossbauer obs. 2—26123
DyRh, ferromag., mag. moment compared with crystal field calc. 2—19884
DyRh, mag. struct. 2—40554
DySb, magnetic and structural phase transitions 2—33106
$DyVO_4$, elastic props. of mag. controllable Jahn-Teller distortion 2—9802
$DyVO_4$, Jahn-Teller induced phase transition, Raman scatt. obs. 2—16534
$DyVO_4$, Jahn-Teller system, electron- phonon coupled modes, Raman theory 2—20066
$DyVO_4$, low temp. X-ray diffr. obs. of crystallographic phase transition 2—25628
$DyVO_4$, mag. struct., phase transformations 2—36765
$DyVO_4$, phase transition 13.8K, Raman scatt., degenerate phonon line splitting 2—16535
$DyVO_4$, phase transitions 2—19938
$DyVO_4$, Raman and i.v. spectra, lattice vibrations and phase transition obs. 2—16533
$DyVO_4$, soft acoustic mode at cooperative Jahn Teller phase transition 2—25662
Er-Gd(Tb) (Dy) (Ho) alloy, mag. struct., exchange interactions, anisotropy, neutron diffr. 4.2-293K 2—26024
Nd-Dy alloys, mag. and struct. props. 2—19834

E-layer *see Ionosphere/E-region*

Ear
see also Hearing
artificial, for circumaural earphones testing 2—17388
auditory nerve, inhibition 2—11210
auditory nerve impulses, proposed explanation of synchrony with combination tones 2—11209
cochlea, fluid mechanics in theory of hearing, review 2—20748
cochlea, mechanical impact and fatigue in rel. to nonlinear combination tones 2—23156
cochlea mechanical resonance, using phase reversed signals 2—23157
cochlea mechanics, amplitude characts. with sinusoidal tones 2—37464
cochlear filtering, computer simulation 2—37462
cochlear nerve fibres, freq. response and effective bandwidths 2—37506
cochlear nucleus, neuron response to tone-intensity increments in Mongolian gerbils 2—11217
dichotic listening, single channel theory 2—41318
electric stimulation of crossed olivocochlear bundle effects on cochlear microphonic potential 2—7607
evoked potential and single unit studies of neural mechanisms underlying the effects of repetitive stimulation in the auditory pathway 2—20749
frequency analysis, temporal development 2—30692
functional changes produced by high intensity sound, 500 Hz stimulation 2—23158
grating acuity, freq. resolving power meas. 2—37463
guinea pig cochlea, electrophysiological obs. on spatial distrib. of crossed olivocochlear bundle 2—37501
guinea pig cochlea, sound induced electrical impedance changes 2—23180
inner, freq. selectivity, tectorial membrane size influence 2—33806
middle ear mechanism, kinematic analysis 2—20747
multi-layered model, neural mechanisms study 2—26968
objective audimetry, recording of averaged cochlear action pots. 2—37482
petrous temporal bone zonagraphy 2—7601
physiological noise under supra-aural earcap, missing 6 dB effect 2—20378
protection methods rel. to hearing damage hazards 2—7609
refractoriness effects on auditory nerve statistics 2—41315
round window, vibratory pattern in cats 2—11216
velocity of moving structures meas. by Mossbauer effect and display system for calibrated waveforms 2—7608

Earphones *see Transducers*

Earth
see also Geodesy; Geophysics
Aegean Island arc, geophysical and tectonic features 2—22926
albedo spectrum measured by X-ray detector from 25 to 200 keV from above atmosphere 2—4783
anomalous microtilt preceding local earthquake 2—30154
asthenosphere, discussion of existence 2—13615
astronomical constants from Earth-Venus and Earth-Mercury radar data 2—33748
Atlantic, absence of anisotropy of the uppermost mantle beneath the east flank of the Reykjanes Ridge 2—20244
basalt lavas, regional hydrothermal alteration, magnetic and opaque petrological response 2—4640
borehole, 3km. in precambrian crystalline rocks, composition, density and seismic velocities 2—16753
Chandler wobble, excitation by earthquakes, realistic Earth model 2—30179
chord det. by laser obs. of artificial earth satellite 2—30134
continental drift, obs. of evaporites, hypothesis 2—22938
continental drift, South-East Asia as a part of Gondwanaland 2—13619
continental drift and palaeomagnetism of Indian rock 2—33558
core, kinematical viscosity 2—7223

Earth continued
core-mantle interface bumps and geomagnetic field and gravitational variations 2—1788
cratering formulas and scaling methods 2—22943
crust, contemporary vertical movements, geodetic method of obs., effect of barometric and thermal surface inclinations 2—30218
crust, liquid-filled cracks, velocity 2—22904
crust, two-layer, thickness det. using regularization algorithms 2—30215
crust and upper mantle, temp. distrib. due to radioactive decay of U, Th and K isotopes 2—30216
crust waveguide, modal parameters calc. 2—13627
crustal layer thickness det. from coda waves 2—40893
crustal movements, obs. in exptal. polygon near Garm 2—30217
crustal movements in the seismically active areas of Middle Asia 2—7219
crustal structure beneath seismic station from longitudinal seismic waves spectra 2—40894
dust particle capture moving near ecliptic 2—30543
Earth-Moon system, evolution rel. to tides 2—41190
earthquakes, magnitude-frequency relation and deep- focus earthquakes 2—20243
elastico-plastic deformation of upper mantle 2—26453
equatorial radius, flattening and gravity field from Doppler tracking of satellites 2—22911
equinox motion, and corrections to precession 2—10811
Escandorgue Range, volcanic formation and Gauss-Matuyama paleomagnetic transition 2—33559
Ethiopian tertiary dike swarms, mapping, tectonics 2—26458
Eurasian continent, geological, geophysical and paleomagnetic evidence for continental drift 2—22939
evolution of Earth-Moon system, convective cell theory 2—7205
explosive volcanism, vaporization waves 2—13621
fault detection from seismic data 2—7212
fractures in unconsolidated superficial deposits rel. to the underlying bedrock 2—20262
free oscillations from power spectra recorded during periods of low earthquake activity 2—10702
Galapagos triple function and plate motions in E. Pacific 2—40896
geographical study using satellite photographs 2—7202
geology, applic. of high pressure and temp. techniques 2—4624
geomorphological and geomagnetic investigations in North Fiji Basin 2—13623
Gondowana continent, evidence for existence 2—7220
Grenville Front origin det. from palaeomagnetic obs. 2—37227
half-space, determination of conductivity, dielectric permittivity and magnetic permeability from radiation impedance of a frame antenna 2—30220
high-pressure synthesis of garnets and perovskites 2—17041
hydrostatic, equilibrium of very large masses, iostatic theory 2—20266
hydrostatic equilibrium of very large masses, isostatic theory 2—20265
inner core density, models 2—40898
inner structure, study of variation of gravitational field by artificial satellite 2—16752
interior, disturbance due to propagating shearing stress discontinuity 2—20260
internal motion, rel. to excess secular change in obliquity of ecliptic 2—10810
internal structure, comparison with Moon 2—4641
i.r. radiance between 5 and 20 microns obtained by NIMBUS III satellite 2—26830
island arc development mechanism, characteristics, review 2—22935
island arcs, anomalous structure, seismological evidence 2—16755
Jura dynamics, overall aspects 2—33404
Labrador geosyncline rel. to Phanerozoic geosynclines 2—40891
liquid planet, third order approx. equilibrium figure, homogeneous model 2—26393
lithosphere, contortion at junction of two trenches, Tokachi-Oki earthquake 2—7218
lithosphere, oceanic and continental, interaction as cause of great earthquakes 2—26448
lithosphere, recycling, plate tectonics 2—26451
lithosphere, seismic boundaries in lower zone 2—33415
lithosphere, westward displacement 2—13620
lithospheric plate consumption at island arcs 2—7221
lithospheric plate motions, rel. to aleutian plain sediments 2—10695
lunisolar precession and motion of the ecliptic, corrections from proper motions of 77 Cepheids 2—13831
magnetotelluric sounding, conducting basement depth det., effect of first layer 2—40865
mantle, thermal convection 2—40895
mantle diapirism, tectonic and magmagnetic consequences 2—20263
mantle dynamics and phase transformation 2—37091
mantle layers, model for plate tectonic evolution 2—13624
meteor streams collision condition from calc. of secular perturbations 2—30595
mid ocean ridges, structure formation scheme 2—33416
model-anomalies, crustal data, surface elevations, depth at Moho 2—1787
Mohorovich discontinuity and geoid 2—1791
Moon origin, Th-content of moon rock and terrestrial basalt obs. 2—30547
moonlit, bidirectional reflectance, atmospheric models 2—7297
Moray Firth, evidence for deep sedimentary basin from a gravity survey 2—26455
motion, nutations because of external forces due to sun and Moon 2—10812
oceanic expansion and continental contraction, models for plate tectonics 2—30221
origin of Earth-Moon system in terms of a convective cell theory, and formation of the ocean basins 2—7205
orogeny, periodicity in terms of sea floor spreading, plate tectonics and recent theory 2—16750
planetary albedo from turbidity obs. 2—37077
plate tectonics, subvolcanic ring complexes as tracks of pre-cenozoic motions of continental plates 2—7225
potential fields, fundamental functional equation and a nonlinear method for the analytic continuation 2—26454
precession, correction from proper motions referred to galaxies 2—10809
precession constant, effect of corrections 2—13832
quality factor of rocks in the mantle, comparison with measurements on the Moon 2—13993
resource problems, radar applications 2—33397

Earth continued
rift faults in E. Africa, radiometric dating of activity in Mesozoic 2—22934
rock, stable deformation near deep level tabular excavations 2—13614
rock folding, artificial schist 2—7224
rock specimens, apparent dielectric constant, effect of salinity 2—26460
Rosemary Bank, geological model from gravity magnetic and bathymetric data 2—1789
scattered solar radiation field, angular structure, statistical nature 2—20348
sea floor spreading, det. from N. Atlantic basement obs. 2—22937
sea floor spreading rates, tectonic implications 2—16749
seamounts, morphology and distribution 2—20264
search for life at 100 m resolution 2—26828
seasonal variations in planetary circulations, comparison with Jupiter and Saturn 2—41193
shadow effects, influence on motion of artificial satellites 2—41026
shape and dimensions, artificial satellite observations, geodesic programme review 2—30135
spectrophotometry, colorimetry, brightness, optical struct., aurora, obs. from space 2—7241
stresses, model of a liquid-filled spherical shell in a radial gravity field 2—20261
structural geology, kinematic model of similar folding, equations and analysis 2—7226
subsurface structure detection by microwave radiometry 2—20267
surface area blocks using meridians and parallels 2—10683
Taiwan (Formosa), geological structure and tectonic evolution 2—40888
tectonics and seismicity of the Altay mountain region 2—26449
tectonosphere, rheology obs. using seismic wave data 2—30212
teledetection experiments, obs. 2—30141
Tonga-Kermadec island arc, suboceanic lithosphere descent into mantle 2—16739
toroidal oscillations and Love waves, attenuation 2—30173
transform systems, ocean floor spreading, reference lines and fault classification 2—22936
two layer ground in quasi-static regime, magnetic dipole transient response 2—33398
underthrusting in southwest Japan, model for convergent plate interactions 2—13609
upper mantle, Central Asia, horizontal inhomogeneities 2—30214
upper mantle, deep anomaly, lateral variations of seismic wave attenuation 2—22925
upper mantle, double discontinuity obs. using P-wave travel time gradients 2—10690
upper mantle, horizontal seismic wave velocity anisotropy 2—22930
upper mantle stucture under mid Atlantic ridge 2—33416
western Canary Islands, crustal structure from gravity data and seismic refraction 2—13616
working model of early Earth history 2—40863
U content of the oceanic upper mantle 2—16748
[illegible]
see also Radioactive dating
core formation, age and mechanism, experimental simulation of various theoretical models 2—13617
geochronology, electronic equipment and radioactive elements appl. 2—16717
nomenclature for geological time periods and magnetic stratigraphy 2—20429
composition
abyssal and plateau basalts, rare earth element abundances 2—10698
Antarctic ice sheet, radio-echo sounding, focussing effects in wavy strata 2—13613
chemical composition and origin 2—20640
chemical discontinuity near basalt- Andesite transition in anorogenic volcanic suites 2—26456
complex interpretation of geophysical, geological and geochemical data 2—26392
core, density separation boundaries, logarithmic pot., inverse problem 2—37093
core formation and composition, experimental simulation of various theoretical models 2—13617
crustal movements, gravity compensation effects 2—22910
diagenesis and validity of B paleosalinity technique 2—40887
European Hercynian orogenic belt, similarity to Andean Cordillera 2—33417
Fennoscandian continental array, P-wave velocity anomalies 2—30171
geochemical mass balance in lithosphere, hydrosphere and atmosphere 2—40886
hydrology applics. of tritium as a radioactive indicator 2—33428
inner core solidity from normal mode observations 2—13618
interior, physico-chemical processes in rock at high temperature and pressure, current research methods 2—1790
lithosphere, Peru, Brazil, seismic activity gap interpretation 2—20259
magnetic silicate liquids, SiO_2 concentrations rel. to viscosity, model for calculation 2—40889
mantle, density gradients from seismic shear wave velocities 2—20258
olivine-spinel phase boundary in descending lithosphere 2—22932
plate tectonic emplacement of upper mantle peridotites along continental edges 2—22933
seismic wave study of core-mantle boundary 2—10693
soil and sediment contents of $FePO_4.2H_2O$, solubility equilibrium constant and saturation curve for synthetic strengite in dilute phosphoric acid solutions 2—40890
submarine hydrothermal solutions, metal bearing, origin 2—10696
surface wave propagation in anisotropic media, particle motion in upper mantle 2—30176
terrestrial line spectra, realistic Earth models, earthquake source-mechanism 2—30181
SiO_2 phases in deep sea cherts of the North Atlantic 2—10699
electricity
aperiodic D_{st}, explanation by inhomogeneous distribution of electric conductivity inside earth 2—30226
Atlantic Canada, continental margin, conductivity structure by geomagnetic induction 2—33419
conductivity and permittivity meas. from mutual impedance of coplanar loops 2—30228
conductivity anomalies in upper mantle, geothermal interpretation 2—40899
conductivity investigations using transfer and pulse characteristics of natural electromagnetic field 2—30227

- **Earth** continued
  - **electricity** continued
    - conductivity meas., using two-loop technique, in range 50 to 150 kHz 2—33421
    - conductivity of crust and upper mantle 2—10772
    - conductivity structure, interpretation of geomagnetic depth sounding data in Western Canada 2—16760
    - conductivity structure in Western Canada 2—13626
    - core resistivity 2—4644
    - crust probing, e.m. 2—33420
    - crustal resistivity anomalies from geomagnetic deep-sounding studies 2—16761
    - diagraphy, long distance, elec. field vertical component in borehole 2—22940
    - earthing grids, in multilayer ground, calc. 2—16757
    - electromagnetic field, variation station measuring five components 2—23035
    - e.m. induction of spherical shell covered by conducting hemisphere, Earth model 2—30224
    - e.m. surveying, interpretation of anomalies in phasor or vector diagrams 2—37094
    - field strengths deduced from mid frequency slopes of pc1 hydromagnetic whistlers 2—20352
    - geophysical induction effects, calculation by surface integrals 2—30225
    - granite rock, e.m. meas. over 1 to 10 MHz 2—33399
    - h.v. d.c. ground current paths in N-America, remote sensing 2—16763
    - igneous rocks, temperature and frequency dependence of electrical conductivity 2—26461
    - induced fields in sea, crust and mantle for large scale low frequency oceanic flows 2—1803
    - line source, subsurface e.m. field, Earth curvature influence 2—4643
    - magnetotelluric impedance tensor elements estimation from data by auto- and cross-power density spectra 2—26459
    - magnetotellurics, Cagniard model 2—20269
    - mise-a-la-masse measurements, feasibility study 2—16759
    - multisection plane ground, influence on skywave propagation 2—4694
    - Nordlinger Ries measurements 2—20268
    - perturbation a.c. currents, conductivity inhomogeneity present, 2-dimensional model computer program 2—1792
    - pitch voltages, in media with horizontal inhomogeneity 2—16756
    - resistivity meas., remote, phase loop receivers employment 2—16762
    - resistivity sounding measurements, interpretation by application of linear filter theory 2—33418
    - Schlumberger measurements over undulating structures, model structures 2—16758
  - **heat**
    - Bergell tonalite aureole, progressive metamorphism of antigorite schist 2—40874
    - core, thermal conditions 2—26407
    - energy balance, heat and radiation budget in Himalayas 2—16807
    - environmental and geophysical heat transfer, conference (Washington 1971) 2—22919
    - geological interpretation of i.r. images using a mathematical model 2—22921
    - geological processes, temperature changes associated with adiabatic decompression 2—13622
    - geothermal power, application and exploration for geothermal areas 2—23239
    - global heat flow in crust and mantle 2—22920
    - i.r. spin scan radiometer, for spin-stabilized geostationary satellite 2—16735
    - Lake Ontario, thermal features by infrared imaging 2—16733
    - major strike-slip faults in California, heat flow measurements 2—22914
    - mantle, convection, flow field 2—22918
    - mantle, isenthalpic flow, Joule-Kelvin coefficients 2—4627
    - microwave temperature measurements of controlled terrain 2—16734
    - paleoclimatic implications of uniform heat flow in deep hole 2—22917
    - radiation, dependence on turbidity and cloud cover, calc. 2—37076
    - radiation at 15-28 μ, spectral intensity 2—22913
    - radioactive waste disposal in subsurface cavity, temp. increase 2—22916
    - remote sensing of geothermal heat flow, night time heat budget eqn. 2—20232
    - Soufriere Volcano, thermal activity October-November 1971 2—20231
    - thermal radio emission from surface, satellite obs. 2—26406
    - upper mantle, intracontinental geosyncline development, heat field of final stage 2—33402
    - volcanic-orogenic cycle based upon internal radiactive heat 2—7205
  - **magnetic field**
    - activity rel. to heights of irregularities in F-region producing scintillation 2—4748
    - amplitude curves interpretation by theoretical graticules 2—1899
    - anomalies in areas of young volcanism 2—1901
    - anomalies in Atlantic Rift Zone 2—4750
    - anomalous two-dimensional potential fields in bipolar coordinates, spatial distribution 2—40870
    - archeomagnetic methods, history of geomagnetic field 2—13807
    - Atlantic Canada, continental margin, conductivity structure by geomagnetic induction 2—33419
    - charge separation in extensive air showers, production of radio pulses 2—10777
    - cosmic ray variations, underground meson telescope, coupling functions 2—8212
    - declination, measurement errors due to torsion of suspension wire 2—33552
    - dynamo theory equations, numerical solution 2—30363
    - E_s relationship with magnetic field at middle latitudes 2—33544
    - electric conductivity tensor, effect of nondipole geomagnetic field, in dynamo region of ionosphere 2—23020
    - Forbush decreases in cosmic radiation, review 2—26558
    - frequency sounding study of field of a vertical magnetic dipole in a horizontally anisotropic media 2—30201
    - harmonic analysis, functions useful to geomagnetism 2—4749
    - interaction with sea waves, creation of variable magnetic fields 2—33435
    - ion cloud in upper atmosphere, diffusive motion 2—30329
    - K-indices for Dec. 1971 2—33554
    - kinematic reversal schemes, cyclonic cell distribution 2—16916
    - L-parameter, new approximation 2—13789
    - L-shell configurations, rel. to O_3 contours 2—4701
    - linear filters to suppress terrain effects on geophysical maps 2—26546
- **Earth** continued
  - **magnetic field** continued
    - magnetic scattering of charged particles on cyclotron instability waves of radiation belt plasma 2—10750
    - magnetometers, determination of latitudinal region of operation 2—13793
    - magnetospheric field model, surface currents effects 2—22991
    - magnetospheric vertical currents, magnetic field components 2—33503
    - magnetotelluric sounding, possibility of reflecting vertical currents 2—26543
    - Matuyama reversed epoch, anomalously weak field 2—16934
    - Mediterranean Sea, bathymetric, magnetic field and gravity measurements 2—30236
    - microwave link interference 2—33481
    - nomograms for interpreting curves of magnetic field formation soundings in horizontally isotropic media 2—30200
    - normal field along T profile, polynomial approximation 2—13790
    - optimal model, magnitude of coeffs. in spherical harmonic expansion 2—16917
    - paleomagnetic data, non dipole component, spherical analysis, from measured declination 2—13806
    - plasma sheet at lunar distance during geomagnetically quiet times 2—33506
    - production, effectiveness of cyclonic convection 2—16915
    - proton magnetometer, built on periodometer principle, measurement errors 2—33553
    - proton magnetometer for automatic geomagnetic meas. 2—34302
    - radar echoes from meteor trains influence on 2—4985
    - and radiowave travelling in ionosphere, orthogonality conditions 2—23005
    - sea floor deformation, magnetic anomaly offsets, NE Pacific 2—10697
    - separation into inner and outer parts, Cagniard model of magnetotellurics 2—20269
    - solar activity, classification Oct-Dec 1967, comparison with Jul-Sep 2—4711
    - sounding curves interpretation with computer 2—1900
    - Southern Africa and North America, Precambrian drift from pole paths 2—33562
    - space environment monitor, satellite burst, solar activity and geometric disturbances 2—16938
    - spherical harmonic analysis for 17th and 18th Centuries 2—16914
    - structure and currents in the magnetosphere 2—23038
    - surveying, increased accuracy of bore network 2—30144
    - v.l.f. noise spectrum, splitting of resonance levels in the Earth-ionosphere cavity 2—10754
  - **magnetic field, variations**
    - *see also Magnetic storms; Micropulsations*
    - activity, annual variation according to character figures and sunspot cycle 2—30374
    - aeromagnetic survey, applic. to geological mapping 2—16764
    - annual, in polar caps due to earth and space magnetic field interactions 2—30366
    - anomaly profiles, correlation between data and model for sea-floor spreading 2—1807
    - Antarctica, secular variation of declination from 1774 to 1965 2—33556
    - associated with night-time E region ionization contrib. from galactic X-ray sources 2—20412
    - auroral substorms, relation between magnetic disturbances and auroral luminosity 2—22994
    - auroral zone wind and temp. correlation with geomagnetic activity 2—26514
    - Australia, effect of south-east coast on transient variations 2—16918
    - Baffin Bay, anomaly fields 2—40892
    - Bay of Biscay, daily variations from aeromagnetic surveys 2—33555
    - bays, association with Pi 2 impulsive pulsations 2—41015
    - Bays, association with Pi 2 occurrence at Lerwick and Halley Bay 2—41014
    - Brazilian magnetic anomaly, longitudinal intensity pattern of inner radiation belt electrons 2—10749
    - bumps on core-mantle interface, effects on field 2—1788
    - coast-line effect, model of e.m. induction in two thin half-sheets 2—20421
    - conjugancy of fluctuations, time range 2-24 hours 2—4753
    - conjugate observations of radio aurora, ground-based and airborne 2—7328
    - cosmic rays, corrections for global variations into latitudinal data 2—13799
    - daily, correlated changes with interplanetary plasma parameters 2—16919
    - depressions disappearance of equatorial sporadic E 2—30356
    - digital aeromagnetic interpretation system 2—26545
    - diurnal, dynamo theory, lunar contribution 2—13791
    - diurnal, dynamo theory, solar contribution 2—13795
    - electromagnetic field, variation station measuring five components 2—23035
    - equatorial daily variation on quiet days, relationship with ionospheric dynamics 2—10776
    - equatorial E_s disappearance and electrojet current reversal 2—7343
    - Europe, 60 year, morphology of secular pattern 2—30368
    - Fennoscandia, regional anomalies and geology 2—41011
    - geomagnetic index Kp, 1932-1970 frequency tables 2—13794
    - geomagnetic reversals, maximum entropy power spectrum method 2—20420
    - geomagnetic storm of 8 March 1970 2—7348
    - geomagnetic tail, oscillations excited by solar wind 2—30364
    - geomagnetic tail oscillations, model based on plasma cylinder immersed in solar swind plasma 2—33500
    - Georgian SSR, inclination and declination over past 2500 years 2—26547
    - Hamilton County Indiana, analysis using potential field continuation for basement anomaly shape 2—26400
    - horizontal field at Alibag, line and continuum spectra, quiet and disturbed periods 2—26557
    - inflation, during magnetic storm, magnetic energy from proton plasma 2—30370
    - intense polar disturbances, rel. to ring current protons 2—30331
    - ionosphere, effect on daily variations of the sporadic E-region 2—4729
    - ionosphere, quasiperiodic electron density disturbances, effect on geomagnetic variations 2—33519
    - IQSY, disturbances in Arctic region 2—23036
    - K index, rel. to ionospheric absorption 2—30341
    - Laschamp polarity event, evidence against occurrence 13300-30400 years ago 2—13803
    - Laschamp reversed event, ^{14}C data 2—16922
    - late Weichselian paleomagnetic reversal 2—10774

Earth continued
magnetic field, variations continued
localized abnormal polar, and simultaneous ionospheric variation 2—1904
lunar Chapman-Miller computations 2—17032
lunar tides, M_2 and O_1, for seasonal subdivisions of data 2—16920
magnetic storm, equatorial microstructure, Pc1 recorded at equator and middle latitudes 2—23037
magnetometric surveying, vertical anomalous gradients 2—30145
magnetosphere, Ogo 3 and 5 obs. 2—20367
magnetotelluric theory paradoxes 2—5284
mapping by high sensitivity airborne magnetometers, tectonics of sediments 2—33560
micropulsations of decreasing period and development of asymmetry in the ring current 2—10775
modulations, annual and semiannual, two component generating mechanism 2—30369
nonuniqueness problems using parameter hyperspace 2—26397
Nordlinger Ries measurements 2—20268
North Atlantic gilliss seamount, relationship to gravity, using Poisson's theorem 2—26401
palaeomagnetic secular variation for recent normal and reversed epochs 2—7345
palaeosecular variation study 2—10771
paleomagnetic properties of Middle-Upper Devonian Volcanics of Orkney Islands 2—37226
paleomagnetism of deep-sea cores from central Pacific, review 2—41018
plasma motion in magnetosphere, in electric field produced by geomagnetic disturbance 2—13735
effect on plasmasphere size, changes inferred from K- and K_p-indices 2—7324
polar field, rel. to rotating solar magnetic dipole 2—26877
polar magnetic substorms, review 2—41012
polar movement, Great Logan Loop, Canadian shield rocks during Neohelikian era 2—7350
polar region, relationship with morning-night sectors of auroral oval 2—23039
polar substorms, infrasonic pressure disturbances 2—30372
polarity reversals in volcanic samples 2—26563
polarity variation, short events 2—10779
potential field data, unevenly spaced, reduction to horizontal plane by finite harmonic series 2—26398
profiling, Weise's method, electric conductivity of earth's crust 2—10772
pulsations, high-latitude, use in identification of magnetospheric parameters 2—33557
pulsations of decreasing period as proton beam instability in plasma, model of geomagnetic variations 2—30367
27 day recurrent phenomena, observed in minimum of 11 year sun spot cycle 2—7344
reversed polarity within Late Palaeozoic Reversed Interval 2—7346
seamount, average direction of magnetization by Backus' method 2—13800
secular, and westward drift 2—1902
secular, recorded in stable magnetic remanence of recent sediments 2—26544
signatures of phenomena at various levels of atmos., ions. magnetosphere and interplanetary space 2—20419
singularities of depressions in horizontal intensity 2—26548
solar effect 2—20425
solar unipolar magnetic regions and 11 year activity cycle rel. to magnetic disturbances 2—30365
spatial distribution of peculiarities of pulsations in high latitudes 2—26550
Sq current, obs. at 115 km altitude 2—16921
St. John magnetic observatory [obs. for 1968-69] 2—37225
statistical models for reversals 2—13801
storm effects on magnetosphere and magnetopause 2—10773
Tadzhik depression, tectonic information from soundings 2—30203
transient, associated with atmospheric tides, M_2 and O, harmonic constituents 2—16920
vertical component in marine magnetic survey 2—13792
v.l.f. and e.l.f., magnetospheric satellite obs. 2—33507
worldwide disturbance, progressive change, DR indices for equatorial ring current field 2—1903
rotation
axis, laser range observations 2—1777
axis orientation from motions of near-Earth satellites 2—30544
Chandlerian wobble, excitation and damping of polar motion 2—33394
deceleration, lithosperic momenta 2—40897
Eulerian poles, global distribution rel. to rigid plate tectonics 2—30219
geodynamical influence 2—10694
global atmosphere circulation influence in IGY 1957-58 2—7282
nonuniformities, wobble, excitation by earthquakes 2—22905
polar motion, short period terms in UT1, from periodograms 2—33395
polar motions, discrepancy in time and latitude observations by PZT 2—33396
purturbation of Earth satellites due to arbitrary zonal harmonics 2—37249
effect on Rossby wake due to island in eastward current10710 2—10710
rotative inertia, effect on geodynamics 2—10694
variability effect on definition of time, work of R.T.A. Innes 2—7519
Earth satellites *see Satellites, artificial*
Earthquakes *see Seismology*
Eberhard effect *see Photographic materials*
Ebullition *see Boiling*
Echelons *see Diffraction gratings*
Echo
see also Architectural acoustics; Reverberation; Sound ranging
acoustic laboratories, at the Building Research Station 2—11359
defectoscope, frontal discrimination 2—32679
dimension ratios of rectangular rooms with good distribution of eigentones 2—17400
elastic spherical shell parameter determ., transient signal scatt. study by integral transformation 2—163
radio-echo sounding, focussing effects in wavy strata 2—13613
reflections, perceptible limit of echo 2—34112
scattering by fixed rigid prolate spheroids, short wave asymptotic behaviour 2—27260
from schooled pelagic fish, resonance structure 2—34141
sea, of h.f. associating second order Doppler sidebands from backscatter over perfectly conducting sea 2—30919
sounding system using impulsive source 2—30865
Echo continued
structure, reverberation and scattering 2—34111
transient, scattering from elastic spherical shell, integral transformation method 2—163
transient pulse from rigid sphere in fluid 2—34113
ultrasonic pulse, exponentially diminishing, device for simulating 2—17391
Eclipses *see Moon; Sun/eclipses*
Eddy-currents
anisotropic parallelepiped, thermoelec. eddy currents in unsteady temp. field 2—40370
decay in metals for meas. of residual resistivity and hence purity characterisation 2—29344
defectoscope, two-channel, noise immunity 2—29377
diametral extensiometer, for testing pressurized tubular specimens 2—39862
electron ring compressor design, implications on Landau-damping coefficients 2—14802
ferromagnet, flux penetration 2—13395
l.f. bridge for mag. permeability meas. 2—27404
magnetically soft materials, losses by non-sinusoidal induction 2—2338
magnetization meas. using contact probe 2—29819
metal, use of crossing points in pulsed eddy current testing 2—29380
metal surface cracks, mag. field excited by contact inductor 2—29376
nondestructive testing, conductivity measurements, closed-form solutions 2—20970
nuclear fuel cladding, use of eddy currents to measure thickness 2—18263
semiconductor, electroacoustomag. effect 2—6671
semiconductor, macroscopic mag. moment 2—9881
semimetal, electroacoustomag. effect 2—6671
sphere, currents induced by coil of any shape, theory 2—23428
steel, transformer, eddy-current losses, mag. texture influence 2—40477
stratified conductor, probe coils 2—5310
torsion pendulum, oscillation damping, magnetoelastic effect 2—149
wear measurement 2—25539
Fe whiskers, differential a.c. susceptibility 2—36711
Ni-Fe film, effects on magnetization state 2—36726
Ni, microeddy current mag. damping 2—10215
Pb film, supercond., current damping 2—25792
Edge emission *see Luminescence/solids, inorganic; Luminescence/solids, organic*
Education *see Teaching*
Effective mass *see Crystal electron states/band structure; Crystal electron states/transport processes*
Effusion *see Flow/gases*
Eightfold way *see Elementary particles/symmetry; Field theory, quantum*
Einstein-de Haas effect *see Gyromagnetic effect*
Einsteinium
atom, K X-ray energies and intensities, binding energies 2—18302
Es I, Es II, emission spectra, electron configuration determination 2—21508
Es III, luminescence spectra, energy level assignments 2—21504
Einsteinium compounds
No entries
Elastic constants
see also Compressibility; Stress/strain relations
alkali halide 2—32877
alkali halides, local elastic moduli used in comparison with exptl. and calculated F-centre stress parameters 2—39713
alkali halides, temp. depend. 2—29231
alkaline and noble metals under uniaxial tension, moduli calc. 2—9634
anthracene, rel. to Debye temp. calc. methods 2—29511
book 2—18892
boronated graphites heated to 1400°C and 2000°C, meas. variation of elastic constants with neutron exposure 2—32570
brass, determination by measurement of Rayleigh wave velocity along edge of a thin disc 2—17370
Cauchy relations for second- and third-order consts. 2—39754
ceramic composite, porous and filled, elasticity modulus, Poisson's ratio, calcs. 2—32597
rel.to cohesion, theory 2—1276
composite, anisotropic, compliance coeffs. 2—36089
composite, cross-ply laminates, effective moduli 2—36090
composite, fibre- or particle-reinforced, modulus/density ratio 2—39962
composite, laminated, u.s. vel. obs. 2—19164
composite, layered, macroscopic consts. 2—36088
composite, polystyrene, dynamic mech. props. 2—36096
composite, SBS copolymer, Young's and torsional moduli 2—29235
composite, woven-fabric, stress wave propag. 2—19168
composite material, rel. to fibre matrix adhesion 2—9782
composites, linear anisotropic with periodic structure, variational principles 2—29453
concrete, under repeated compressive loads, effect of understressing 2—22345
contribution of defect dragging, theory 2—25399
crystals, aggregates, elastic props., tabulated data, book 2—19151
cubic crystal, with covalent or partially covalent bonding 2—32572
cubic crystals, four order anharmonic theory 2—19317
cubic metals, de Launay formulae 2—29232
cubic solid, role in negative thermal expansion 2—25688
diamond, stiffness moduli 2—25477
elastic sheet, fibre reinforced, elasticity modulus, Poisson's ratio 2—36091
elastomer, Young's modulus, rel. to mol. packing 2—3840
electron gas bulk modulus 2—1275
Elinvar, Young's modulus, effect of tempering 2—12823
epoxy resins, bulk and shear moduli and Poissons ratio calc. from ultrasonic velocity meas. 4-100 K 2—40058
f.c.c. crystal, three-body interactions and lattice sum 2—9857
fibre-reinforced composites with transversely isotropic constituents, elastic constants 2—34007
graphite, effect of pre-stressing on Young's modulus 2—39756
graphite, low temp. irrad., Young's modulus 2—22259
graphite, neutron irrad., shrinkage rate, rel. to Young's modulus 2—21471
graphite, neutron irrad. effects 2—3759
graphite, rel. to thermal expansion calc. 2—32846
graphite fibre, meas. method 2—25541
heavy ice, HF-doped, temp. dependence between 80 and 200 K rel. to order-disorder changes 2—29486

Elastic constants continued
invar, ΔE effect, E=Young's modulus, variation with temp. 2—33145
invar, ΔE magnetovolume effect, Weiss two γ-states treatment 2—33146
Invar effect origin 2—16379
ionic cryst., CsCl-type, point defects influence 2—3830
isotropy relations and applic. to electrons in metals 2—1275
liquid crystal, nematic, elasticity theory 2—6204
liquid crystals, nematic, rel. to orientational order 2—9089
liquid crystals, theory 2—9086
lithium thallium tartrate monohydrate, elec. control of elastic compliance 2—40360
lubricant, shear modulus meas. 2—22294
MBBA, nematic twist and bend 2—21964
metal, cubic, failure of Cauchy relation 2—9631
metal, hexagonal, electrostatic contribs. to first, second and third order consts. 2—19154
noble metals, matrix element studies 2—32803
nylon, bulk and shear moduli and Poissons ratio calc. from ultrasonic velocity meas. 4-100 K 2—40058
organic crystal, meas. method 2—1427
oxide ceramic, u.s. obs. 2—12978
pentaerythritol, determ. from u.s. velocity meas. 2—25483
perfect non-Bravais cryst. with internal strains 2—9883
piezoelectric crystal, relation to electromech. coupling coeff. 2—32826
piezoelectric crystals, second-order elastic constants, coupling effects 2—17376
planetary interiors 2—41219
PMMA, press. and temp. depend. 2—25479
Poisson coeff., confinement constraints 2—15799
poly(vinyl fluoride), electret film, piezoelec. props., piezoelec., dielect., elastic consts. 2—10131
polyester-styrene copolymers, Young's modulus, effect of 3-dimensional network density 2—25485
polyethylene, high density, after cold rolling 2—39792
polyethylene, temp. dependence 2—32583
polyethylene steel composites, dynamic modulus changes under repeated plane bending 2—29236
polymer, cryst., using composite theory 2—39763
polymer, crystalline and amorphous, Young's modulus rel. to struct. 2—15796
polymer, oriented glassy, anisotropic consts. 2—3839
polymer, Young's modulus, rel. to mol. packing 2—3840
polymer fibre, plastic deformation, charm scission 2—15845
polymer fibre, strength rel. to mol. wt. and struct. 2—15643
polyphosphonitrilic chloride crystal, Young's modulus calc. from spectroscopic force consts. 2—15798
polystyrene, press. and temp. depend. 2—25479
polytetrafluoroethylene, calculation from phonon dispersion curve 2—40039
polyvinyl chloride-dioctyl phthalate-dioctyl sebacate system, elastic modulus depend. on composition 2—6523
powder-like mixture for u.s. amplification 2—6670
semiconductor, group II-VI cpds., adiabatic consts. 2—36094
steel, stainless, Young's and rigidity moduli, anisotropy 2—12824
steel spring, Young's modulus, rigidity elec. meas. method 2—19232
teflon, bulk and shear moduli and Poissons ratio calc. from ultrasonic velocity meas. 4-100 K 2—40058
temperature dependent moduli and shakedown design of structures 2—14210
thermoplastic, C-fibre reinforced stiffness 2—1336
transition metal series, variation of cohesive props. on d-band filling 2—22089
urea, calc. using molecular theory of lattice dynamics 2—22407
Young's modulus variation with plastic strain of temp. effects on plastic wave propagation 2—14254
AgF, far i.r. transmission spectrum investigation 2—32802
Al-Zn alloys, from ultrasonic velocity and attenuation dependence on rel. concentrations 2—6661
Al, alloy, tensile and compressive elastic moduli 2—19155
Al, neutron irrad., u.s. velocity obs. rel. to anharmonicity 2—40025
Al, second- and third-order consts., lattice theory 2—9632
Al, third order elastic constants, pulse interference technique 2—36092
Al sheet, Young's modulus calc. from stress analysis 2—15860
Al_2O_3, filament-reinforced plasma-sprayed 2—36264
Au, Morse potential calculation 2—39755
AuZn, anisotropy ratio, temp. depend 2—3834
$B_7O_{13}^{5-}$, temp. dependence near cubic orthorhombic phase transition temp. 2—9792
$Ba(NO_3)_2$, Cauchy relation derivations 2—32574
BaO-B_2O_3 glass, effect of liquation 2—35848
Be, stiffness consts., 25 to 300 C 2—32575
$Bi_{12}GeO_{20}$, light scatt. obs. 2—10335
$Bi_{12}GeO_{20}$ thin plates, meas. 2—10127
$Bi_{1.6}Sb_{0.4}Te_3$ and Bi_2Te_3, u.s. meas. 2—32576
Bi_2Te_3, lattice model 2—32805
$Bi_4Ti_3O_{12}$, layer struct. ferroelec. 2—13316
C-SiC alloy, Young's modulus 2—32447
C, stress-graphitized pyrolytic, nuclear and γ-irrad. effects 2—32587
C fibre, 'Grafil A', Young's modulus rel. to dia. 2—36137
C fibre, neutron irradiation, fracture, Young's modulus, struct. 2—19193
C fibre, obtained by thermal decomp. of vaporized hydrocarbon 2—36265
C fibre, polyacrylonitrile-based, Young's modulus, strain depend. 2—3852
$CaCO_3$, calcite, rel. to mode Gruneisen parameters and thermal expansion 2—40027
CaO, elastic stiffness and its press. derivative, u.s. determ. 2—36093
Cd, anisotropy rel. to electron mean free path meas. on lens part, of Fermi surface 2—13086
CdSb, polycryst., resonance method 2—15801
CdSb, single cryst., anisotropy 2—15800
CdSb, single cryst., pulsed ultrasound obs. for Gruneisen parameter detn. 2—16067
Co-Fe alloy, stiffness moduli 2—39757
Co ferrite, polycrystalline, meas. of Young, rigidity and bulk moduli at room temp. 2—36097
CoF_2, Mandelstam-Brillouin scatt. obs. 2—16580
Cu-Ag eutectic alloy system, u.s. wedge method obs. 2—39760
Cu-Al alloys, α-phase, temp. derivatives 2—3833
Cu-Sb alloy, composition and phase variations 2—39759
Cu-Sn alloy, composition and phase variations 2—39759
Cu, elastoresistivity, neutron irradiation effect, 20K 2—25371

Elastic constants continued
Cu, electrolytic, effect of annealing and cold working on Young's modulus 2—39758
Cu, electron irrad., point defect dragging contrib. to dislocation damping 2—25400
Cu, second- and third-order consts., lattice theory 2—9632
Cu, torsional fatigue, 78 K, shear modulus, internal friction 2—22260
$Cu_{1-x}Ni_xCr_2O_4$, temp. depend., Jahn- Teller theory of crystal distortions 2—16411
Dy, variation in 4.2-300 K range in 2.5 T magnetic field 2—39764
$DyVO_4$, temp. dependence, evidence for soft acoustic mode at cooperative Jahn Teller phase transition 2—25662
EuO(S)(Se)(Te), sound vel. obs. 2—32577
EuTe, antiferromag. 2—25673
Fe-Ni-C, martensites, elastic moduli, from sound velocity and mass density obs. 2—3829
Fe-Si, high temp., rel. to mag. props. and phase diagram 2—9633
$Fe_{1-x}Ni_xCr_2O_4$, temp. depend. Jahn-Teller theory of crystal distortions 2—16411
GaSb, temp. dependence, pulse echo obs. 2—19156
Gd, Curie pt. phenomena 2—1425
Gd, Young's and shear moduli, temp. depend., u.s. vel. obs. 2—9870
$Gd_2(MoO_4)_3$, ferroelastic transition phenomena 2—16009
Ge, Ge:Sb, rel. to electronic effects on u.s. wave propagation 2—40054
He, solid, computation 2—35814
^{4}He b.c.c. single crystal, determ. from inelastic neutron scattering expts. 2—25135
Ho, evaluation by Keating's approach 2—22401
Ho, variation in 4.2-300 K range in 2.5 T magnetic field 2—39764
In, press. depend., u.s. vel. obs. 2—29237
K, lattice dynamical calc. using pseudopotential approach 2—36318
KBr and KCL-KBr solid solution, temp. depend. 2—19375
KCl and KCL-KBr solid solution, temp. depend. 2—19375
$KMnF_2$, Mandelstam-Brillouin scatt. obs. 2—16580
$KMnF_3$, anomalous behaviour, near struct. phase transition 2—19157
$KNbO_3$, orthorhombic, determ. by x-ray diffuse scatt. obs. 2—32578
Kr, solid, adiabatic consts. 2—6519
Kr, three-body force model obs. 2—32812
$LaCl_3$, rel. to Debye temp. calc. 2—9888
Li halides, rel. to Gruneisen parameter calc. 2—36319
LiF, third order elastic moduli, theoretical and exptl. determination 2—3835
LiI, and temp. derivatives at 295K, u.s. pulse echo obs. 2—19158
Li_2O-SiO_2 glass-ceramic, mech. props. rel. to crystallization 2—36140
LiX, X=Cl, Br, I, F, pressure derivatives, u.s. parameters in the Born model 2—19159
Mg, third-order consts. 2—3836
Mg, third-order consts. 2—3837
Mg ferrite, polycrystalline, meas. of Young, rigidity and bulk moduli at room temp. 2—36097
$Mg_2Ge(Pb)(Si)(Sn)$, adiabatic cdnsts. 2—36094
MgO, polycryatal, u.s. obs., related to single cryst. props. 2—12820
Mn-Cu-Co alloys, Elinvar-type, temp. depend. 2—32581
Mn-Cu-Cr, alloy, nonmag., Elinvar-type, heat treated, cold worked, Youngs modulus, rigidity modulus, 123-673K 2—19160
Mn-Cu-Fe, alloy, elinvar-type, nonmag., cold worked, heat treated, Youngs modulus meas., 123-673K 2—29233
Mn-Cu-Ni, alloy, nonmag., Elinvar-type, heat treated, cold worked, rigidity modulus, Youngs modulus, 123-673 K 2—19161
Mn-Cu alloys, Elinvar prop. 2—29438
Mn-Cu alloys, temp. depend., Elinvar-type behaviour 2—13053
MnF_2, compliances 2—12821
MnF_2, Mandelstam-Brillouin scatt. obs. 2—16580
Mo-Re dil. alloys, point defects influence 2—29234
MoS_2 in epoxy resin, lubricant, shear modulus meas. 2—22294
Na_2O-B_2O_3 glass, effect of liquation 2—35848
$Na_2O.SiO_2$ glass, complex shear modulus 2—1283
Nb-Ti alloy, Young's modulus temp. depend. 2—36095
Nb, stiffness changes at supercond. transition 2—36465
Nb_3Sn, normal and supercond. props. rel. to density of states 2—29637
Nb_3Sn calc. by method of long waves, temp. dependence of C_{11}-C_{12} 2—9863
Ne, single cryst., Brillouin spectra obs. 2—16586
Ne, solid, elastic force model calc. 2—6653
Ni-Mn, alloy, nonmag., Elinvar-type, heat treated, cold worked, Youngs modulus, rigidity modulus, 123-673K 2—19162
Ni, second- and third-order consts., lattice theory 2—9632
Ni ferrite, polycrystalline, meas. of Young, rigidity and bulk moduli at room temp. 2—36097
NiO, pressure sintered, by resonant sphere, three part composite oscillator, and pulse transmission methods 2—12825
Pb-In(Tl) alloys, band struct., comp. depend. 2—6727
Pb-Sb eutectic alloy system, u.s. wedge method obs. 2—39760
Pb-Sn eutectic alloy system, u.s. wedge method obs. 2—39760
$Pb(NO_3)_2$, Cauchy relation derivations 2—32574
$5PbO.3GeO_2$, ferroelec. cryst., rel. to piezoelec. props. 2—22617
p-PbTe, electronic contrib. 2—32582
Pd-Si based metallic glasses, anomalous viscoelastic behaviour 2—32590
$RbCoF_3$, u.s. vel. near Neel pt. 2—32828
RbF, adiabatic consts., 300 to 4.2K 2—32579
$RbMnF_2$, Mandelstam-Brillouin scatt. obs. 2—16580
Sb, temp. depend. 2—6521
Se-Te alloy, elastic stiffness, comp. depend. 2—25481
Se-Te single crystal alloy, piezoelec. and elastic props. 2—36600
Se, comparison with Te, bonding effects 2—22406
Si, anisotropy, 293-873K 2—6520
Si ion implanted, internal and flexural resonance obs. 2—19166
SiC, dense polycryst., temp. depend. 2—22257
α-Si_3N_4 filamentous crystals, from supersonic velocity 2—39761
Sn-Ag alloy, composition and phase variations 2—39759
Sn-Sb alloy, composition and phase variations 2—39759
Sn-Zn eutectic alloy system, u.s. wedge method obs. 2—39760
Sn whiskers, rel. to stress-strain relations 2—19163
SnF_2, monoclinic, meas. of elastic and thermoelastic consts. and thermal expansion 2—1277
$Sr(NO_3)_2$, Cauchy relation derivations 2—32574
SrO, elastic stiffness and its press. derivative, u.s. determ. 2—36093
Te, comparison with Se, bonding effects 2—22406
Ti-O alloy, dil., determ. of comp. depend. from u.s. velocity meas. 2—15802

Elastic constants continued
  Tl, second order consts., 77 and 296K 2—36322
  U-7.5 wt.%Nb-2.5 wt.%Zr alloy, elastic consts. rel. to press., 1 bar-18 kbar 2—32580
  V$_3$Si, elastic softening arrest at supercond. T$_c$ 2—9871
  WC/Cd two-phase composite, determ. by finite element method 2—39762
  Xe, single cryst., Brillouin spectra obs. 2—16586
  Xe cryst., Brillouin spectra obs. 2—3838
  Y, evaluation by Keating's approach 2—22401
  YZn, anisotropy ratio, temp. depend. 2—3834
  Yb$_2$O$_3$, polycryst., sonic resonance technique 2—12822
  Zn ferrite, polycrystalline, meas. of Young, rigidity and bulk moduli at room temp. 2—36097
  α-ZnS, u.s. pulse obs. 2—25482
  Zr-Nb alloy, temp. depend., rel. to $\beta \to \omega$ transform. 2—40014
 measurement
  automatic meas. devices for irrad. graphite 2—39873
  cryostat, for meas. during low temp. electron irrad. 2—22319
  double shear tests, improved device reduces additional stresses 2—29366
  film, nondestructive determ. using harmonic generation of dispersive Rayleigh waves 2—9724
  glass-epoxy and boron-epoxy beams, elastic moduli and damping coeffs. determ. 2—25474
  iterative procedure for determ. from u.s. data 2—19153
  low temps., 20 K, adaptation of tensile testing machine 2—29361
  metals, bulk modulus, press depend., calc. from shock wave data 2—32573
  metals, internal friction and shear modulus, measurement by method of forced vibrations 2—29362
  plastic, Young's modulus, apparatus and technique 2—29371
  polymer films, measurement of tensile strain curves 2—29367
  polymers, using torsion balance with air bearings 2—22310
  rubber, Young's modulus determ. from indentation of sheets by spherically tipped indentors 2—22256
  thin specimen, apparatus for kHz range 2—25484
  Cu, annealed, dynamic compressive test, for stress-strain relations 2—39876

Elastic deformation
  see also Bending; Stress/strain relations; Torsion
  aluminosilicate rod, quenched, strength rel. to thermal shock 2—3887
  analysis finite element method, FORTRAN program 2—37690
  axially symmetric, second-order theory 2—17311
  buckling loads of imperfect systems 2—128
  buckling of clamped oval cylindrical shells under axial loads 2—27153
  circular cylinder, internal stability 2—17323
  circular hole, thermal stress conc., for elastic plastic strains 2—7738
  circular plate of neo-Hookean material, finite stretching 2—34033
  circular plates, symmetrically loaded, flexure, also effect of transverse shear 2—34010
  circulatory elastic systems with magnetic damping, stability 2—17309
  composite, fibre reinforced, transverse deform. 2—19283
  continuous bodies, correlation study of formulations of incremental deformation and stability 2—34029
  Cosserat surface, small deformations superposed on large deformation 2—27170
  cubic cryst., displacement field of localized defects 2—9530
  cylindrical homogeneous and compound anisotropic bodies 2—17327
  cylindrical shell, anisotropic, unsymmetric deform. 2—34023
  duralumin, deformation at 77K, resistivity decrease, effect of ageing 2—19543
  dynamic buckling of stringer-stiffened cylindrical shells under axial impact 2—23330
  dynamic elastic-plastic deformation of rings produced by pulsed electron beam, numerical predictions 2—34046
  Earth's upper mantle elastico-plastic 2—26453
  edge-reinforced annular plates under uniform radial tractions 2—14204
  elastic-plastic, at finite strain, non-isothermal theory 2—5196
  elastic-plastic, yield condition and flow rule under finite elastic volume change 2—33980
  fast breeder reactor core, elastic buckling of hexagonal fuel ducts 2—15138
  film, strained, deform. of cross-linked domain boundaries 2—29821
  finite element formation for elastic structural deformation analysis 2—11339
  fission reactor fuel elements, analysis of internal heating shock effects, expansions, stresses in specific element geometry 2—38745
  glass plate, coaxial ring test 2—15866
  graphite, rel. to model for dimens. changes under neutron irrad. 2—12747
  incompressible layer, nonhomogeneous, displacements due to surface load 2—17330
  incompressible rubberlike solids, isothermal strain-energy function 2—29254
  isochoric isothermal-isentropic changes of state in Mooney-Rivlin-Besseling material 2—37718
  liquid crystals, nematic, rel. to orientational order 2—9089
  low cycle deformation and failure resistance, transverse deformation measurements 2—29345
  meas. by means of ultrasonic surface waves 2—29378
  microstructure, continuum theory 2—137
  mirrors, Steward Observatory 230-cm. and Optical Sciences Center 154-cm. primaries 2—27610
  nonlinear continuum, elastic field of screw dislocation dipole 2—22202
  nonlinearly elastic bodies, superposition of small and finite deformations, variational principles 2—5197
  nuclear fuel element cladding, ratchetting growth 2—15825
  orthotropic piston deflection 2—34025
  parallelepiped, under its own weight 2—33992
  photographic plate, deform. during exposure, detect. by holographic interferometry 2—27669
  plate bending analysis, triangular finite element including transverse shear deformation 2—37682
  polyethylene, cold-drawn, retraction effect, rôle of cryst. morphology 2—32593
  polyethylene, linear, affine deformation of colloidal superstructure 2—29249
  polyethylene, relax. times and elastic moduli, temp. depend. 2—32583
  polyethylene oriented films, change in supramolecular organization during reorientation 2—28983
  polymer, elastic-plastic behaviour in the softening range 2—29266
  polymer network, micromechanics 2—15844

Elastic deformation continued
  ratchetting, in nuclear reactions, design criteria from high temp. material properties 2—15110
  semiconductor, tetrahedrally bonded amorphous, effect on elec. cond. 2—36489
  shell, spheroidal, submerged, transient response 2—7742
  shell of revolution, finite deformations 2—14209
  simple structures, finite-element analysis of large elastic-plastic transient deformations 2—27152
  simultaneous post buckling at coincident branch points, multiple path generation 2—27163
  small elastic-plastic deformations of thin shells, allowance for material compressibility 2—37696
  solid cylinder, finite axial strain, axi- and asymmetric instabilities 2—17331
  solid with multiple circular inclusions, exact analytical soln. 2—29239
  stability of non-linearity elastic anisotropic body, variational principles in three dimensional theory 2—37694
  steel, discontinuous twinning during essentially elastic compression, 4.2 K 2—39787
  steel, low carbon, effect of hydrostatic pressure on torsional deformation 2—3826
  steel, rel. to effect of nonmetallic inclusions on strength 2—36139
  steel, stainless, type 304, elastic-plastic constitutive equations 2—15823
  stress-strain relations, three-dimensional theory rel. to treatment of moire fringes 2—34012
  superelasticity, tensile rupture of thin-walled tube and spherical shell 2—2216
  rel. to thermal strain measurement, contact method 2—1435
  thermoelastic, in hollow cylinder finite length, Fortran program BAGPIPE 2—2223
  thin convex shell of revolution, axisymmetric moment state of stress, stability loss 2—23328
  thin infinite plate, geometrically similar expansion of hole 2—7744
  ultrasonic wave attenuation and dispersion, influence on measurements 2—36339
  Fe-Si, rel. to effect of nonmetallic inclusions on strength 2—36139
  Fe, polycrystalline ferromag., remanent condition, domain struct., tensile stress effects 2—19865
  Fe, strain distrib. within and around deform. twin bands 2—29188
  n-Ge, rel. magnetoresistance, quantum transfer 2—4235
  Ni$_3$Mn, alloy, ordering during loading 2—15971
  Se$_x$Te$_{1-x}$, single cryst., piezoresistivity 2—4216
  Zn, alloy, effect of hydrostatic pressure on torsional deformation 2—3826

Elastic fatigue *see Fatigue*

Elastic limit
  see also Slip
  Celluloid, mechanics of upper and lower yield points 2—3474
  concrete, under triaxial compressive stress 2—15859
  epoxy cast resin, mechanics of upper and lower yield points 2—3474
  flexure testing methods, comparison of thin plate buckling and pure flexure methods 2—29252
  metal plate, rel. to standard forming tests 2—9681
  plasticity theory 2—17356
  polymers, oriented, yield behaviour 2—6540
  slip field theory, applicability of elastic- plastic flow around notch 2—12881
  steel, casehardened, B addition effect 2—12891
  steel, high strength construction, ductile-brittle transition, rare earth additions effect 2—15797
  steel, stainless TRIP, mech. props. rel. to austenite formation temp. 2—12857
  yielding of structural members, effect of shear 2—14163
  Al-Mg alloy, discontinuities after plastic deform. 2—36104
  Al-Zn(Cu)(Sn)(Cd) multilayer, internal friction, yield point, thickness and defect depend 2—1287
  Al, shock waves 2—6569
  Cr-V steels, effect of Mo content and yield point on creep rupture strength 2—29286
  Fe-Co-V, hot drawing, dislocation movement, electron microscopy 2—9780
  Fe-Ni-Cr alloy, inoxidizable, austenitic, metastable, level in elastic limit 2—25478
  Fe crystal, tension deformation, plastic props. 2—15835
  KCl, γ-irradiated, effects of colour centre concentration gamma 2—15838
  LiF, elastic precursor decay, point defect effects 2—39770
  LiF, electric precursor decay, impurity clustering effects. 2—39771
  Mo, anomalous grain size depend. 2—12860
  NaCl, dislocation elastic limit, temp. depend. 2—32623
  NaCl, γ-irradiated, effects of colour centre concentration gamma 2—15838
  Ni$_3$Mn, alloy, annealed yield point rel. to ordering during loading 2—15971
  Te, temp. dependence, prismatic slip system 2—3855
  Zn, electron irrad., rel. to yield point 2—25506

Elastic losses *see Internal friction*

Elastic relaxation
  see also Creep
  alloy, ternary b.c.c., Snoek effect, theory 2—19170
  crystal impurity diffusional relaxation, local perturbation 2—22258
  elastomers, stress relaxation rel. to molecular struct. 2—25487
  fluids subject to large deformation apparatus for stress relaxation meas. 2—5190
  methacrylate copolymer, −196-20°C, comp. depend. 2—36101
  phenyl containing polymer, cryogenic relaxation, internal friction 2—36098
  polyacrylonitrile, mechanical relaxation properties 2—35859
  polyacrylonitrile, mechanical relaxation props. of drawn samples 2—35858
  polyethylene, α-relax., temp. peak 2—12837
  polymer, molecular motion, microstructure, rotational isomerism 2—15640
  polymer films, apparatus for instantaneous meas. of u.v., visible or i.r. dichroism during high-speed stretching 2—29874
  polymer molecular motions struct. and temp. depend., 4-300 K 2—15807
  polyvinyl chloride, compression yield stress rel. to loss tangent, β-transition range 2—15854
  solid, props. determ. from decaying elastic shock fronts 2—15813
  stress overshoot, elasticity breakdown, stress relaxation and elastic recoil 2—14162

Elastic relaxation continued
uniform beam supported at ends, transversely impinging load at midspan 2—2190
Ag, cold worked, internal friction, lattice defects, low temp. 2—12828
α-Fe-C, Arrhenius law parameters for C Snoek relax. 2—3849
α-Fe-C solid soln., Snoek peak relaxation strength, dipolar strength, orientation depend. 2—6527
LiF, elastic precursor decay, point defect effects 2—39770
LiF, electric precursor decay, impurity clustering effects 2—39771
Mo, dislocation relation peaks, investigations in principal directions at 10, 20, 50 MHz 2—29251
$Na_2O.SiO_2$ glass, effect of struct. heterogeneity 2—1283
Nb:H, Curie-Weiss temp. depend. of paraelasticity 2—22262

Elastic waves
see also Acoustic waves; Magnetoelastic waves; Seismic waves
acceleration waves in elastic nonconductors of heat 2—27222
axially symmetric torsional, in circular composite cylinders 2—34088
axisymmetric vibrations of free finite length rod, orthogonalization procedure 2—14236
brass thin disc, determination of elastic constants by measurement of Rayleigh waves 2—17370
circular cylindrical tube, impact produced longitudinal strain histories using membrane shell theory 2—17317
circumferential in a thin-walled air-filled cylinder in a water medium 2—14252
composite, woven-fabric, stress wave propag. 2—19168
composite beam, flexural waves, investigation using microstructure theory 2—34004
crystal, dislocated, shear wave propag. 2—20919
crystalline solid, spin-phonon interactions 2—22819
cubic crystals, (100), (110) and (111) planes, velocities and polarization 2—15812
current generated surface pulses, isotropic elastic quarter plane 2—27221
diatomic dielectric continuum, coupled elastic and e.m. fields 2—25913
diffraction of plane dilatational waves by crack 2—14253
diffraction on spherical surfaces, study of infinite algebraic systems of equations 2—37743
dynamic fracture of quartz-phenolic composite under stress-wave loading in uniaxial strain 2—29279
echo transient signal scatt., spherical shell parameter determ. 2—163
elastic vibr. spectra, effect of linear defects with heavy impurities 2—25488
elastic-plastic media, propagation of infinitesimal plane waves 2—27184
elastic-plastic solid, anisotropic, plane-wave propag. 2—39767
elastic-plastic wave cancellation in energy absorbing materials 2—27217
elastoplastic material, rate-sensitive, nonlinear waves 2—34078
excitation, by block on elastic surface or hoops on elastic cylinder 2—27205
fibre-reinforced rods, stress waves propagation 2—25474
field reconstruction from components over single surface, transducer array 2—23350
film, nondestructive testing, by harmonic generation of dispersive Rayleigh waves 2—9724
finite element method, minimization procedure for general eigenvalue problem 2—7749
flexural, propagation, hyperbolic differential eqns., soln. by difference method 2—33965
flexural, propagation in doubly periodic structures 2—20917
flexural, propagation in infinite thin plate with circular inclusion 2—34090
flexural wave propagation in anisotropic cylindrical bars 2—11351
glass, surface-treated, Rayleigh wave dispersion for stress profile obs. 2—39768
Green's dyadics for elastic and electromagnetic waves in random media 2—2236
grouting in dam construction elastic wave velocity meas. before and after 2—4637
half space, elastic-plastic plane waves with combined compressive and two shear stresses 2—34085
half space, guided surface waves 2—34086
half space with corrugated surface, impulsive source, method of solution 2—158
harmonic type materials, potential representation of two-dimensional waves 2—20920
harmonic wave propagation in layered elastic plate 2—37746
helical coil, dispersion curves 2—27230
h.f. propagation in non-uniform waveguides of cylindrical symmetry 2—37747
hollow elastic/viscoplastic sphere, wave propagation 2—27223
in impacted frames, meas. using strain gauges 2—161
infinite thin elastic plate immersed in compressible fluid 2—23344
isotropic elastic semi-space, nonhomogeneous, surface waves vel., upper and lower bounds 2—20916
Lamb, scattering of wave obliquely incident on one dimensional irregularities 2—5215
layered sheets, testing bondstrength and delamination by Lambs wave technique 2—36187
light diffraction efficiency of acoustic surface waves on quartz 2—5423
longitudinal impact of system with symmetrically branched rods 2—30860
Love, finite, propagation in heterogeneous elastic half space 2—34082
Love surface waves excitation in thin film layer by line source 2—17387
material relax. props. determ. from decaying elastic shock fronts 2—15813
metal disc, attenuation of Rayleigh waves on edge 2—17371
mirrors, plane, horizontally oriented 2—14441
motion in layered solids, numerical technique 2—17319
multipolar elastic plate, equivoluminal vibration modes 2—23343
nonhomogeneous spherical and cylindrical shells, radial vibrations 2—27203
in oil, excitation by magnetic field, resonance characteristics 2—1093
parameters det. from pattern obtained by acoustic logging 2—160
phase velocity in solid medium with cylindrical channels 2—27229
piezoelectric plate, coupling to volume waves 2—6658
plane, dispersion relations 2—39751
plane stress waves in membranes caused by arbitrary pressure wave 2—17375
plate containing random inhomogeneities, flexural and longitudinal waves 2—27225
pre-stressed thin-walled tube, stress wave propagation due to combined longitudinal and torsional arbitrary impact loadings 2—17374
propagation, transduction and scattering, Rayleigh waves, review 2—20921
propagation in 3 layered plates 2—27216

Elastic waves continued
propagation in cylinder, experimental and theoretical investigation of modes 2—14251
propagation in fibre-reinforced material and energy scattering 2—34079
propagation in material with microstructure 2—30861
propagation in two evenly-welded quarter-spaces, numerical solutions 2—17372
propagation in uniaxially stressed elastic media 2—34080
propagation velocity, finite deformations effect 2—2237
quartz, surface waves, collinear nonlinear interaction 2—40057
radiation from symmetrically pulsating segment in tank 2—27226
Rayleigh, props. on surface of semi-infinite medium 2—34080
Rayleigh surface waves in viscoelastic medium 2—162
Rayleigh waves, dynamic stresses along rigid-smooth boundary of quarter space 2—34008
Rayleigh waves, reflection and transmission in wedge 2—11350
rectangular plate, simply supported, thermoelastic vibrations produced by temperatures prescribed on faces 2—37715
reflection, refraction at plane boundary between anisotropic media 2—14250
rigid disc movement in an elastic solid 2—23349
seismographic sensors, nonlinear equations of motion with two degrees of freedom 2—26432
seismology, reflected-wave method, modes of reflecting areas on sea bottom 2—13610
SH wave equation, in transversely isotropic inhomogeneous elastic media 2—34081
SH-waves, propagation in linear viscoelastic solids 2—26429
shells with a doubly curved triangular finite element, dynamic analysis, 2—11346
single crystal piezoelectric materials for surface acoustic waves 2—20933
in stratified media, solns., by Thomson-Haskell methods 2—26424
stress, in thin cylindrical rod, propagation and dispersion 2—133
stress wave propagation and fracture in thin curved bars 2—5214
surface, transducer fabrication by engraving 2—5240
surface, transverse, in continuous body with non-local interaction 2—11349
surface, wide band excitation of 2—29515
surface, Z-propagating, in Y-cut $LiNbO_3$, parameters determined by numerical analysis 2—5216
surface Rayleigh wave propagation, electrodynamic transformer props. 2—27228
surface wave propagation in anisotropic media, particle motion in upper mantle 2—30176
surface waves, Haskell's matrix method, considerations of singularities 2—26430
surface waves in open resonators, damping 2—27227
synthetic seismograms generation using linear systems theory 2—13605
teleseismic P-waves, bandpass spectra, recorded at Hagfors Observatory 2—30177
tensorial, three-dimensional theory 2—34089
thermoelastic, in solids with thermal relaxation 2—27215
thermoelastic, plane, freq. eqn. soln. 2—37744
thermoelastic, propagation in homogeneous isotropic medium 2—23348
thermoplastic, propagation in a homogeneous isotropic medium 2—27218
thin elastic beams, finite deflection dynamics 2—34087
torsional, in infinite elastic rod of elliptical section 2—37742
torsional loadings of perfectly conducting elastic half-space 2—27219
transmission and reflection of elastic- viscoelastic interface 2—30174
ultrasonic testing, Cagniard method 2—20922
uniformly curved tube conveying fluid, stability 2—14235
unloading boundary determination in longitudinal elastic-plastic stress wave propagation 2—34084
unsymmetric trapezoidal plates, simple supported 2—23342
velocities and polarizations in crystals 2—1282
velocities of longitudinal and transverse waves, acoustic anisotropy in metal plates 2—2238
velocity dispersion of waves propagating along the edge of a plate 2—17369
velocity measurement in solids 2—27224
v.h.f. quartz filter crystals, mode control 2—5235
vibration of elastic plane and half plane due to sudden appearance of crack 2—27220
visco-elastic, weak shock structure study by wavefront theory 2—159
viscoelastic beam, nonlinear constitutional equation 2—17360
volume modes with surface cond. gratings, excitation and detection 2—40052
yield defendence of magnitudes from underground nuclear explosions 2—30175
Al and steel cantilever beams, attenuation, theory and reciprocal experiment 2—14237
$Bi_{12}GeO_{20}$, Rayleigh wave propagation 2—19412
$Bi_{1.6}Sb_{0.4}Te_3$ and Bi_2Te_3, propag. characts. 2—32576
CdS, electron damping and amplification of Lamb waves 2—22414
CdS, flexural wave amplification 2—6674
CdS type crystal, effect of piezoelectric interaction 2—16295
GaAs, surface waves, generation and detect., depletion layer transduction 2—13324
$Gd_2(MoO_4)_3$, absorpt. rel. to ferroelectric phase transition 2—19299
MnF_2, antiferromagnetic, phase velocity detn. rel. to spin-phonon interactions 2—22819
$Pb(Zr,Ti)O_3$ ceramic plate, surface elastic wave propagation characts. 2—29531

Elasticity
see also Compressibility; Mechanical strength; Stresses, internal; Thermoelasticity; Viscoelasticity
acceleration waves propagation, propagating boundary surfaces between elastic and plastic state 2—17341
acoustoelasticity, initial stress in polycrystalline bodies by ultrasonic method, theoretical justification 2—33978
Almansi Michell's problem, solution for anisotropic beams 2—27156
anisotropic creep in fibre reinforced plate in plain stress state 2—37703
antiplane problems, plastic slip spread in notched half-plane 2—11333
artificial earthquakes, response spectrum analysis with two ground predominant modes 2—16743
asymmetric, plane problem 2—14195
asymmetric theory operator in first fundamental problem 2—37691
axially perforated cylinders, elastic analysis, application to reactor pressure vessel flanges 2—15060

Elasticity continued
axisymmetric external crack problems for media with cylindrical cavities 2—23331
balance for meas. of force characteristics of elastic sensitive elements 2—23222
bar, stiffness determination 2—23329
beam, elastic plastic and infinite, impact by semi-infinite elastic rod 2—5172
beam/half-space tensionless contact 2—11336
beams, continuous, minimum-weight design 2—27169
body with constrained rotations, couple stresses 2—17322
boundary value problems, use of dislocation layers 2—37702
Cauchy relns. rel. to ionicity 2—22255
circular cylinder, micropolar vibrs., dispersion eqns. 2—11344
circular plate of neo-Hookean material, finite stretching 2—34033
circular plates, equations of theory of elasticity 2—5192
circumferentially grooved shafts, elastic torsion problems 2—27179
classical, integral equation approach to displacement problems 2—30849
composite, unidirectional, elastic-plastic analysis for longit. loading 2—36109
composite laminates, cylindrical bending response 2—17320
composite materials, approximate analytical equations for mechanical inhomogeneity effect 2—25480
concrete nuclear pressure vessel, stress analysis by the finite element method 2—15068
contact problems for elastic infinite wedge 2—34027
continuous bodies, correlation study of formulations of incremental deformation and stability 2—34029
continuum theory of elastic dielectrics, field eqns. and boundary conditions 2—19150
Cosserat layer, effect of contact couple-stress on indentation by moving punches 2—37693
Cosserat medium, couple-stress effects on dynamic stress conc. around crack 2—34020
Cosserat surface, small deformations superposed on large deformation 2—27170
crack, penny-shaped, in plate of finite thickness, stress distrib., shape and energy 2—34019
crack, two-dimensional, stress analysis, isotropic cylinder 2—27158
crack tip stress intensity factors, finite elements 2—2198
cracked cylinder, two-layered, finite element solutions 2—2213
cracked plate, elastic-plastic analysis 2—14213
cracked thin shells, analysis by finite element method 2—14206
cracks, rapid extension in body in a state of uniform anti-plane shear 2—27173
cracks parallel to interface in bonded semi-infinite elastic media, plane problem 2—2196
cylindrical homogeneous and compound anisotropic bodies, deformation 2—17327
cylindrical shell, free flexural vibr. characts. hybrid finite element theory 2—34022
cylindrical shells, circular, series solution 2—14205
deformable magnetically saturated media, continuum theory, field equations 2—11337
deformation energy in planar theory of elastic rods 2—27180
deformed isotropic solids, elasticity tensors 2—5188
difference geometry, applic. methods 2—14196
disc, elastic, bonded to long elastic shaft, torsion 2—7741
disc under diametral compression, stress distributions, effects of couple stresses 2—17321
discrete, basic theoretical concepts 2—14197
discrete elastic potential of lattice type structures 2—27185
dislocation displacement field, uniqueness problem 2—39682
dislocation soln., edge, in nonlinear continuum of second order 2—39683
displacement functions in theory of consolidation and thermoelasticity 2—17351
displacement potentials, unified derivation 2—27176
double layer medium, torsion by annular punch 2—11331
duality principles in nonlinear programming for monotone dependences 2—34035
dynamic contact problem of rigid block stamp on elastic half-space 2—37737
dynamic flexural modulus and loss factor of fibre reinforced epoxide and polyester resins 2—3832
dynamical systems coacting with sets of hyperelastic bodies, discrete elasticity 2—20896
elastic mechanisms, optimal adjustment 2—27118
elastic sheet, fibre reinforced, elasticity modulus 2—36091
elastic-plastic materials, work hardened, model of, based on elastic model of materials with microstructure 2—29248
elasto-plastic system, one degree of freedom, effect of heavy vibrations 2—27199
elasto-plasticity, matrix differential equation and numerical solution 2—17301
elastodynamic displacement fields, Stokes and Love integral representations 2—17328
elastostatic circular membrane bonded to half- space under plane loading 2—7740
elastostatic problem of a loaded crack terminating at a material interface 2—34001
ferroelasticity, ferroelec., ferromag. and supercond. relationships 2—3828
ferromagnetics, rel. to mech. stresses 2—26043
fibre-reinforced beams on slabs, small deflections 2—37688
finite deformation plasticity theory analysis, application to geologic material 2—14214
first law, relation of Hooke's and Boyle's law, historical survey 2—11327
fracture mechanics, elastic theory 2—25521
generalized two-dimensional equations for stress analysis in compounded rotating discs 2—7743
glued metal joints, effect of preliminary impact on strength 2—29347
Griffith crack, opened by thin symmetric wedge, stress intensity factor 2—27172
half-plane under concentrated load, nonradial stress distrib. 2—14201
hereditary, theorem on uniqueness of dynamic infinitesimal non-invariant theory 2—37695
hyperelasticity, structure of g_1* group in theory 2—27161
incompressible elastically viscous fluids, attenuation of turbulent motion 2—39032
incompressible isotropic materials, boundary value problems for large deform. 2—6530

Elasticity continued
indentation of layer by moving punches 2—5195
indented elastic layer, bounds on maximum contact stress 2—144
infinite elastic plane, pressure of plane wedge punch calc. by asymptotic method 2—37700
infinite wedge, stress boundary-value problems 2—27174
inhomogeneous elastic materials, propagation of one-dimensional elastic materials 2—23390
instrument for determining modulus of elasticity, internal friction coefficient, and dynamic hardness, large temperature range 2—39857
integral equations with periodic kernels arising from mixed boundary value problems 2—5122
interacting defects, continuum theory 2—32515
isotropic asymmetric non-gyrotropic medium 2—7745
Lame's equation describing statical defects, particular solutions 2—136
lattice structures, optimization, prescribed surface design 2—11332
layered composite plates, effect of environment on elastic response 2—27151
linear, static and geometric field quantities, pointwise upper and lower bounds 2—17335
linear micropolar, axisymmetric Reissner-Sagoci problem 2—5189
liquid crystal, nematic, rel. to orientational order 2—9081
liquid crystals, nematic, rel. to orientational order 2—9089
magnetized deformable media, general relativistic theory 2—17308
materials with simple microstructure, equations of motion 2—36087
mechanical props. of solids and fluids, book 2—39752
membrane, Foppl Hencky eqn. variational principles for boundary value problem 2—2063
metal, from dinamic matrix, microscopic theory 2—15795
meteorites, stone, stone Fe, and Fe 2—30598
micromorphic mixtures, elastic constitutive eqns. 2—37698
micropolar, axial-symmetric problems, soln. using elastic potentials 2—2208
micropolar, integral equations formulation of boundary value problems 2—11330
micropolar, plane problems 2—11328
micropolar theory, singular solutions and Green's method 2—34018
minerals and rocks, electronic computing method of obs. 2—33427
molecular cryst., lattice dynamics rel. to polar continua theories 2—25650
non-dissipative hemitropic materials, invariant minimal function basis 2—14198
non-homogeneous plates, asymptotic theory for vibration 2—27198
nonhomogeneous anisotropic cylindrical shell problem, formulation and solution 2—14207
nonlinear body, nonlinear transverse vibrations at resonance 2—37735
nonlinear non-uniform torsion of thin-walled beams 2—27165
nonlinear thin-walled beam theory 2—27164
nonlinearly elastic anisotropic body with arbitrary elastic potential, general props. 2—37701
nonlinearly elastic bodies, superposition of small and finite deformations, variational principles 2—5197
nonlocal, linear theory 2—39751
nonlocal, theory development 2—23332
nonlocal polar bodies, continuum theory 2—11334
nonuniform isotropic media, generalized soln. of equilib. displacement eqn. 2—5198
notch at apex of infinite wedge, matrix components 2—14200
olivines, elasticity and equations of state in Mg_2SiO_4-Fe_2SiO_4 system 2—30213
one-dimensional systems, transverse oscillations, finite difference methods 2—157
optimal design of structures with piecewise uniform cross-section 2—17329
orthotropic laminae, thick, exact natural freqs. and modal functions 2—17367
piezoelectric quartz vibrators, effect of neutrons and X-radiation on resonance frequency and elastic properties 2—25934
planar bending of semi-infinite beam resting on a linear elastic support 2—34026
plane with cuts along real axis, mixed problem 2—30850
plate with elliptical holes, anisotropic, stress distribution 2—17294
polymer tubes for heart lung machines, as function of size and temp. 2—20722
polymeric networks, statistical thermodynamics of large deformations 2—28980
polymers, composite and interpenetrating networks, non-Gaussian properties 2—32318
polymethylmethacrylate, effects of creep on modulus 2—1296
quasi-static dielectrics, nonlocal theory 2—23333
radial crack in finite elastic disc, stress intensity factor 2—23334
rare earth metals, h.c.p., elastic isotropy rel. to deform. struct. obs. 2—3772
refractories, sintered, polycryst. props. rel. to monocryst. props. 2—22254
rod, semi-infinite, transient response to uniform pressure in terms of power series expansion 2—37684
rotating disc, asymptotic solution 2—34031
rubber, effects of cross linking by dicumyl peroxide 2—25508
rubber, statistical mechanics, applic. of modified description for systems with internal constraints 2—7699
screw dislocation in inhomogeneous elastic medium 2—30840
second-order, with axial symmetry, theory 2—17311
seismic moment and multipole theory 2—20241
semi-infinite solid, response to arbitrary line load along axis 2—34028
semi-plane disc, state of stress 2—37692
shakedown design of structures with temp. dependent elastic moduli 2—14210
shell of revolution, finite deformations 2—14209
shell structures, elastic collapse analysis using finite difference based computer programs 2—27155
shell theory, linear, rapid variation solns., Vlasof's theory generalization 2—33990
shell under internal press., stress analysis 2—34024
shells, rotationally symmetric, numerical solution of elastic plastic problems 2—138
shells of revolution, large deflection elastic plastic analysis 2—14208
shock wave propagation in elasto-plastic media, conditions for existence of continuous plastic deformations 2—37786
sphere, anisotropic, forced vibrs. 2—37727
sphere with surface conditions, axially symmetric problem solved using analytic complex functions 2—5199

Elasticity continued
spherical shell parameter determ., transient echo signal scatt. 2—163
spring testing under torsion using general purpose recording instrument 2—25556
stability, zero moment condition 2—27171
stability of motion of solid body, filled with a fluid, with elastic pivots 2—37699
stability of non-linearity elastic anisotropic body, variational principles in three dimensional theory 2—37694
statistical average response of bounded stochastic linearly elastic solid 2—14211
stress analysis, notched bar in plane strain bending 2—12838
stresses and displacements in elastic strip with prescribed end displacements 2—34030
stresses in non-homogeneous infinite elastic slab under normal loading analysed using Hankel transforms 2—20898
thin plate, response to impulsive distribution 2—5191
thin plate theory, invariant imbedding and Poisson's ratio changes effects 2—37697
thin shell analysis, applic. of Ritz method 2—34032
thin shells, first approximations in general linear theory 2—34021
thin shells of revolution, structural consequences of small imperfections 2—30847
transient response of linear elastic structures det. by matrix exponential method 2—14203
transient rolling contact problem 2—27181
unbounded anisotropic medium, ellipsoidal inhomogeneity 2—17326
work of bending cracked three point loaded specimen, stress intensity factor 2—2217
Al film on $LiNbO_3$, nondestructive determ. using harmonic generation of dispersive Rayleigh waves 2—9724
CdS, elastic anisotropy, effect on acoustoelectric domain propagation, Brillouin scatt. obs. 2—36348
Cu, anisotropic theory breakdown for small partial dislocation spacings 2—3786
Cu fine enamelled wire, springback testing 2—27182
KNO_3, material coeffs. and micropolar theory 2—25650
liquids
see also Compressibility/liquids
chlorinated polyvinyl chloride, capillary flow, melt fracture 2—15548
polar solutes, variation of relaxation time with viscosity 2—32198
viscous, shear elasticity, u.s. meas. 2—28810
Elastomers *see Rubber*
Elastoplasticity *see Plasticity*
Elastoresistance *see Piezoresistance*
Electrets
see also Electrostatics
anthracene, photo-electret formation, effect of alternating field 2—4285
charge density and spatial depth meas. method 2—16299
magneto-electrets, perspex, dielectric behaviour 2—4286
naphthalene, polarization, Schottky barrier formation 2—4191
photoelectret regime, photopolarization, thermally stimulated currents 2—33065
Plexiglas, under electron beam bombardment 2—29760
polarization and frozen-in charge determ. 2—40368
poly(vinyl fluoride), electret film, piezoelec. props., piezoelec., dielect., elastic consts. 2—10131
polymer foils, prod. of high quasipermanent charge densities by breakdown fields 2—25923
polymethylmethacrylate, press. depend. of form. 2—16297
polyvinyl chloride, water vapour effects on thermoelectret behaviour 2—36602
in sealing wax, formation mechanism 2—4284
sealing wax thermoelectret, effect of polarizing field on charge 2—13330
semiconductor, photoelectret state, non-isothermal relaxation, trapping levels, thermally stimulated currents 2—25950
shellac wax, magnetoelectret effect 2—1578
shellac wax, water vapour effects on thermoelectret behaviour 2—36602
sisal wax, suitability for electret preparation, elec. conductivity investigation 2—29759
surface charge and external field potential meas. by potential of electrode at distance 2—22631
surface charge meas., optical technique 2—16298
thermoelectret, thickness depend. of homo- and heterocharge density 2—6890
thermoelectret charge, law of formation 2—6891
titanate ceramics, polarized, pot. distrib. obs., effects of adsorbed ions 2—16300
transducer design 2—23372
Vateria Indica, thermoelectret props. 2—40344
AsS photoelectret state of crystalline and vitreous samples 2—40369
CdS-S solid solution, photoelectret state formation and high photosensitivity and resistivity obs. 2—36603
CdS, film, photoelectret phenomena and dark polarization current 2—10130
CdS photoelectrets, lifetime under different polarization conditions 2—22640
CdTe junction, surface-barrier, photoelectret effect on γ-irrad. 2—13349
HgI_2, photopolarization current and photoelectret state 2—19786
SbI_3 crystal, photoelectret state relaxation, space charge relocalization effect 2—6906
SbSI, photoelectric state and photopolarization 2—33060
SbSeI, photoelectric state and photopolarization 2—33060
ZnS:Cu, photoelectret properties, surface charge and depolarization current studies 2—36604
Electric breakdown *see Breakdown, electric*
Electric cells
aerosol penetration through parallel plate diffusion battery 2—28916
electrolytic, heat transfer, gas evolution 2—1742
mass transport by holographic technique 2—21127
noise spectra 2—30076
Pb-PbO, current-voltage characteristics, photoeffects 2—16685
ZrO_2, solid state electrolyte cells, applications 2—40820
Electric charge
see also Space charge
alkali halides, dislocation charge, u.s. obs. 2—29180
dielectric, MeV electron injection, trapped charge accumulation and release 2—25921
dielectric-vacuum interface, image charges 2—12640
Electric charge continued
diffused and localized, rel. to particle motion in Einstein relativistic field theory 2—20831
electret, spatial depth and density meas. method 2—16299
electret surface charge meas., optical technique 2—16298
electrets, surface charge meas. by potential of electrode at distance 2—22631
electron, Millikan oil-drop experiment, laser illumination 2—17155
electron-proton charge difference, upper limit det. by acoustic method 2—5499
film growth, early stages, electrostatic forces between charged islands 2—29020
ice melting electrification depend. on earlier freezing rate 2—7292
insulator, surface charging by ion irrad. 2—12633
insulator, surface potential decay due to injected carriers in presence of thermal carriers 2—16259
mica, electron bombard., charge accumulation, path length 2—36587
nematic electrolyte systems, field induced surface charges 2—35782
nonconservation, modified Maxwell equations rel. to charged particle creation in cosmology 2—10794
polymer foils, prod. of high quasipermanent charge densities by breakdown fields 2—25923
polymethylmethacrylate electret form.. press. depend. 2—16297
potential distribution and ionic charge near equipotential sphere moving in low density plasma 2—24686
quantized charge in terms of pure geometry 2—7678
relativistic equations, charge distribution in static fields 2—5285
salt water electrification on heated metals 2—32274
sealing wax, thermoelectret, effect of polarizing field 2—13330
semiconductor, III-V and II-VI, effective charge and piezoelec. effect 2—36596
spray electrification process, charge separation rel. to pneumatic dispersion obs. 2—22014
square conducting plate, comments on moment solution 2—30969
surface pot. decay, cross-over effect 2—23481
thermoelectret, thickness depend. of homo- and heterocharge density 2—6890
unit charge and Coulomb's law, definition 2—17506
water, absorbed layer, informational props. 2—29062
Au, film, vacuum deposited, struct. rel. to substrate surface charge 2—25195
BaS, dynamic ion charge determ., i.r. spectra and static dielec. props. obs. 2—22396
$BaSO_4$ substrate, charge voltage effects on photoelectron spectra of Au and Pd 2—13359
$BaTiO_3$-SiO_2 interface, charge storage 2—40347
CaS, dynamic ion charge determ., i.r. spectra and static dielec. props. obs. 2—22396
Ge surface charging by adsorption 2—12648
NaCl, elec. relief, meas. by interfacial layers 2—39456
SbSI, injection currents and polarization charge accumulation 2—6822
Si, surface treatment with transition metal solutions, electron microscopy 2—4244
Si_3N_4, electron irrad., charging, elec. corona streamers 2—39220
SiO_2 films, electrochem. charging by injected electron currents 2—13304
SnSe/NaCl film-substrate system, decoration processes, elec. field effect 2—29007
SrS, dynamic ion charge determ., i.r. spectra and static dielec. props. obs. 2—22396
Electric discharges *see Discharges, electric*
Electric domains *see Domains*
Electric fields
see also Electromagnetic fields
air, influence of baffle plates on uniform strength 2—24893
analogue modellling for exptl. determ. of three- dimens. static potential 2—20818
auroral, obs. of field aligned particle currents 2—16887
auroral ionosphere, due to plasma, pressure gradients and movements 2—1889
auroral zone and polar caps, distribution 2—13753
biological-membrane ion transport 2—11198
calculation, analytical solns. of integrals used 2—14300
charged dielectric sheet between parallel electrodes, theory 2—14355
conducting slabs, parallel, transient proximity effect 2—37867
convection, in nightside magnetosphere rel. to wave and particle phenomena during substorms 2—20371
duringcorona discharge, strength calculation method based on conformal mapping 2—15517
d.c. ionized, obs. of potential, space charge density and current density 2—23486
distributions made visible by macroscopic charged particles 2—30970
electret, external field potential meas. by potential of electrode at distance 2—22631
electrostatic lens, two tube, det. using digital methods 2—23531
field computation, application of FORTRAN program 2—7817
generator for monopole mass spectrometer 2—2910
of geomagnetic micropulsations, effect of coastline 2—4751
induction outside accelerating Cu tube by nonuniform strains and Schiff Barnhill field 2—17507
interplanetary, response time of magnetosphere determ. from IMP-1 satellite data 2—37191
of ionosonic microturbulence in plasma of h.f. discharge, anisotropy obs. 2—8988
ionospheric, magnitude in presence of fast electron inhomogeneity 2—20408
ionospheric, use of radio aurora 2—33509
ionospheric and magnetospheric, in presence of fast electron inhomogeneity 2—20403
lightning, effect on thunderclouds 2—1877
lightning, exact expression and moment approximation for return stroke 2-1879
in magnetosphere, interplanetary origin 2—20363
magnetosphere and ionosphere, meas. of slowly varying fields, effects of fluctuations 2—40981
magnetospheric, dependence on solar wind 2—13744
metals, gravitationally induced electric fields, electrochemical systems in thermodynamic equilibrium 2—6070
in MHD channel in constant transverse mag. field 3184 2—3184
parallel, near auroral ionosphere, deduced from particle obs. 2—20391
plasma, Langmuir-Bohm criteria and boundary 2—31964

Electric fields continued
- plasma, turbulent, microfield distribution 2—35451
- of point charge moving at relativistic velocities, pictures of electric lines of force from derived parametric equations 2—11409
- propagation in layered cylindrical media, uncoupled cylindrical wave modes 2—14303
- quasi-electrostatic, antenna in magnetically active plasma, quasi-one-dimensional structures 2—28560
- self consistent, for Vlasov plasma 2—28514
- in solar chromosphere, connected with proton flares 2—11131
- steady fields and currents, theory, book 2—11410
- three-layer structs., n′-n-n′, n-p-n types, switching fields 2—22573
- turbulent plasma, energy density spectrum 2—31963
- waveguide, open-ended, parallel-plate, relationship with magnetic fields 2—5293
- C_3O_2, mol. beams, electric field deflection behaviour 2—31783
- C_3S_2, mol. beams, electric field deflection behaviour 2—31783
- NaCl, distribution with graphite electrodes 2—4272
- **effects**
  - $(Pb,Ba)Nb_2O_6$, solid soln. reciprocal tetragonal and monoclinic phase transitions 2—1402
  - air, cascade ionization by r.f. fields 2—32112
  - alkali halide cryst., hyperfine interaction const. rel. to external elec. field 2—26312
  - atmosphere, shell splitting of trapped particles 2—20397
  - cholesteric liquid crystals, periodic gridlike deformation in mag. and elec. fields 2—28793
  - climbing of dielectric liquids, dielectrophoresis 2—39379
  - combustion chemistry of hydrocarbons with air or O_2 2—26343
  - dibutylphthalate aerosol, effects on deposition in fibrous filters 2—28915
  - dielectric, electron injection from metal electrodes 2—4256
  - dipolar molecules constrained by electric field, rotatory diffusion 2—21564
  - dispersion of liquid drops in, droplet deformation of electroconducting liquids 2—15613
  - dynamic stabilization of transverse Kelvin Helmholtz instability by a.c. electric field 2—21857
  - electron beam interaction with electron plasma 2—28633
  - electron mobility in gas 2—21871
  - electrons in gases, theory of anisotropic diffusion 2—35689
  - on emittance of d.c. duoplasmatron ion source 2—7883
  - ferroelectric matials, acoustic surface waveguide 2—29541
  - ferroelectric semiconductor behaviour, effect of charge carriers 2—16276
  - forces on particles of non-uniform medium in crossed fields 2—942
  - freezing of supercooled water droplets passing through strong electric fields 2—1864
  - ion adsorption results and effects 2—6360
  - ion motion, in nonuniform alternating elec. field 2—12456
  - ionic and Van der Waals crystals, atomic shift, electrostriction 2—32397
  - ionic conduction in solids 2—40331
  - ionosphere, auroral and equatorial redistribution of ionization 2—26539
  - jets of charges drops, microphotograph obs. 2—32200
  - light intensity modulation in CdS films by Franz Keldysch effect 2—38035
  - liquid crystal, nematic, diffraction grating formation 2—21152
  - liquid drop deformation, immersed in conducting fluid 2—18573
  - liquids, polar, viscosity, field induced rigidity 2—28809
  - magnetoactive plasma potential oscillations 2—35559
  - magnetospheric elec. field acceleration of charged particles 2—22989
  - during magnetospheric substorms 2—20423
  - mass transfer across plane interface 2—24992
  - metal, diffusion of noncond. inclusions, pores, in elec. field 2—29208
  - metal, effect on parabolic oxidation 2—15660
  - metal, surface-self-diffusion, strong electrostatic field 2—1162
  - metal film, initial stage of deposition, electrostatic field effects 2—29021
  - MHD flow in finite rectangular ducts, effects of external field on limiting Nusselt numbers 2—6052
  - molecular absorption spectra, theoretical study considering field fluctuation 2—15260
  - nucleation kinetics in applied uniform field 2—39417
  - optoelectric effect, rel. to external mag. field 2—11517
  - paraffin, solidified in elec. and mag. fields, anisotropy, n.m.r. obs. 2—25939
  - photomultiplier tube, a.c. heater current rel. to readings 2—27897
  - plasma, drifting, acoustic wave growth rate 2—28629
  - plasma, effects of nonuniform radial fields on l.f. stability 2—8984
  - plasma, parametric resonance of ion acoustic waves 2—28635
  - plasma acoustic instability in crossed electric and magnetic field 2—28639
  - plasma transport processes in axially symmetric magnetic traps 2—28520
  - plasmasphere, effects of time varying convection electric field 2—40980
  - poly-γ--benzyl-L-glutamate, molecular orientation, X-ray diffr. 2—15577
  - positive column, pulsed, electron drift speed and multiplication obs. 2—8996
  - prebreakdown ionization current growth in SF_6 2—6122
  - saturated pool boiling in nonuniform d.c. electric fields, heat transfer 2—28956
  - semiconductor, resonance Raman scatt. 2—16512
  - small gap semiconductor, effect of transverse elec. field on Landau diamag. and Pauli paramag. quantization of conduction band 2—9981
  - static, on e.m. wave propagation, in magneto-plasma 2—18615
  - Stern Gerloch expt. on charged particles using combined electric and magnetic helical quadrupole fields, critical examination 2—35173
  - streamers, h.v., ionizing potential waves 2—12474
  - surface electron states, applied linear field 2—4129
  - tetracyanoethylene-trans-stilbene mol. complex, effect of external elec. field on abs. spectrum and electric dipole moment 2—31870
  - Thiourea, ferroelec. phase, n.q.r. of ^{14}N, transition splitting rel. to local elec. field 2—20171
  - torsion microbalance sensitivity increasing 2—37560
  - trajectories of dipole particles 2—21021
  - water, effect on chemisorbed ion induced proton transfer reaction 2—4573
  - water drop, stability of oscillations 2—9065
  - waterdrops, deformation when subjected to strong electrical forces 2—3355
  - zero gap semiconductor, HgTe type, crossing of electron and heavy hole Landau levels due to transverse electric field 2—9981
  - Al bicrystal, grain boundary electromigration as function of temp. obs. 2—6500
  - Ar gas, dc-induced second harmonic coefficients, calc. of absolute values 2—24984
  - Ar plasma suppression of ion oscillations 2—32089
  - As_2Se_3 film, glassy, effect on optical props. 2—19961

Electric fields continued
- **effects** continued
  - $BaTiO_3$, surface layer struct., in para- and ferro-elec. phase, X-ray diffr. obs. 2—16275
  - C, amorphous film, field effect measurements rel. to band struct. 2—13222
  - CO_2 laser at pressure of 15 atm, excitation by electric field and electron bombardment 2—27471
  - CdS, induced Raman scatt. by LO phonons 2—16528
  - CdS, semicond., recomb. luminesc. 2—22795
  - CdS, semiconductive, domain formation, threshold elec. field 2—13224
  - Ce adsorbed layer, surface electromigration on W tip 2—6388
  - CsI/Tl, luminescence yields study, energy transfer mechanisms 2—20093
  - n-Ge, magnetoresistivity rel. to elec. field strength 2—29701
  - He, metastable 2^1So, effect of elastic field quenching on transition rate 2—12039
  - He gas, dc-induced second harmonic coefficients, calc. of absolute values 2—24984
  - Hg, surface wave parameters, influence of spatially dependent electric fields 2—9062
  - InSb, electron mobility in high elec. fields, electron-phonon interaction 2—22537
  - InSb, electron velocity 2—16210
  - InSb, semiconductor, electronic plasma fluctuations rel. to external elec. and mag. fields 2—16224
  - Kr gas, dc-induced second harmonic coefficient., calc. of absolute valves 2—24984
  - NaCl:H, Raman scatt., first order, field induced 2—16560
  - Ne gas, dc-induced second harmonic coefficients, calc. of absolute values 2—24984
  - O^+ lateral diffusion in O_2 2—24988
  - p- PbS, semiconductor, surface electric- field induced Raman scatt. 2—16561
  - p- PbSe, semiconductor, surface electric-field induced Raman scatt. 2—16561
  - p- PbTe semiconductor, surface electric-field induced Raman scatt. 2—16561
  - Se dibutylphthalate aerosol, effects on deposition in fibrous filters 2—28915
  - Si photocell collection efficiency 2—23498
  - p- SnTe, semiconductor, surface electric-field induced Raman scatt. 2—16561
  - ZnSe, electric field induced decrease in double refraction 2—10313

Electric strength
- *see also Breakdown, electric*
- borosilicate glass film in m.i.m. structure, thickness depend., space charge effect 2—29734
- paper, dielectric strength at cryogenic temps. for 50 HZ 2—40321
- Perspex, voltage rise time depend. 2—29747
- polyethyleneterephthalate dielectric strength at cryogenic temps. for 50 HZ 2—40321
- polypropylene dielectric strength at cryogenic temps. for 50 HZ 2—40321
- polytetrafluoroethylene dielectric strength at cryogenic temps. for 50 HZ 2—40321
- porous ceramics, rel. to porosity 2—13299
- Al_2O_3, film, for gate insulation and passivation 2—1556
- Al_2O_3, sintered with vitrifying additives 2—36199
- Al_2O_3 film in m.i.m. structure, thickness depend., space charge effect 2—29734
- SiO film, between Al electrodes, time depend. 2—13308
- Ta_2O_5/Al_2O_3 mixture, anodic 2—3548

Electrical conduction *see Conductivity, electrical*

Electrical current *see Current, electrical*

Electrical machines
- application of solid lubricants 2—1333
- dielectric motor, liquid immersed, charact. rotor speed variations 2—2332
- exponential clock producing output pulses with exponentially increasing intervals 2—30973
- follow-up drive for machines for mechanical testing of materials 2—6593
- homopolar, with supercond. magnet and liq. metal contacts, MHD problems 2—7819
- induction type, equivalent circuit, Poynting vector method 2—5313
- Marx generator charging electronics, regulator for streamer chamber 2—34837
- motor-synchronous generator set, for main ring magnet of proton synchrotron 2—14859
- power convertor, pole gap geometry 2—7820
- stepping motors for telescope drive and guidance 2—17098
- turbomachines theory, consistent mean values for compressible media 2—12484

Electrical measurement
- *Entries describing measurement methods for specific electrical quantities and effecte may also be found listed under the various headings for the subjects concerned*
- ammeters, rack mounted moving iron 2—23488
- antenna radiation pattern, at 1415 MHz 2—17097
- Bolovac system for 0.5 MHz to microwave 2—37868
- capacitance, μF-mF, by transistorised meter 2—222
- capacitance and stored energy in parallel plate capacitor, computer meas. 2—14353
- current pulse, large, by use of manganin tubular shunts and magnetic pulse spectropolarimeter 2—27385
- current pulses by integrating Rogowski coil, nanosecond risetime 2—2321
- dielectric photoconductivity, instrumentation and data reduction technique 2—19780
- electrometer for measurement of small currents in physics experiments 2—27006
- electrometer probe, solid state, miniature, construction details 2—21007
- electronic charge, student view of Pasco- Millikan oil drop apparatus 2—33856
- flow speed of fluids, thermistors employment 2—6136
- h.f. voltages meas. by e.p.r. and n.m.r. 2—27386
- high-voltage nonsquare pulses 2—23478
- impedance bridge balancing 2—17512
- impedance of electrolytic conductors, method, device 2—23477
- Josephson junction for voltage meas., patent 2—17524
- kilovoltmeters, electrostatic, a.c. and d.c. performance characteristics 2—21006
- laser beam current measurement, e.h.v. transmission lines 2—14352
- l.f. current and voltage sensing by Josephson effect devices 2—29647

Electrical measurement continued
- light beam oscillograph recordings, static error 2—21165
- loss tangent, 10^4-10^8 Hz, Tinsley's dielec. test set 2—5309
- microwave dielectric and Hall effect measurement 2—34286
- moving-coil galvanometer, response to input voltage pulse in vacuum tube circuit 2—23484
- oscilloscope, 10 MHz, dual trace, PM 3110 2—23491
- oscilloscope developments, colloquium, London (1972) 2—37874
- oscilloscopes, improvements needed 2—37875
- phasemeter attachment to digital frequency meters for phase difference obs. of highly stable oscillations 2—27390
- photoelectric power converter, deterioration of volt ampere characteristics after 3 years open air service 2—23500
- potentiostatic meas. system, cell design 2—21010
- prospecting apparatus, e.m. for detection of ores 2—22931
- pyroelectric coefficient, in polar crystals 2—10129
- refraction on short tropospheric paths, microwave 2—20357
- resistance thermometers, calibration with resistance box 2—23410
- resistivity of soil, method 2—30229
- semiconductor, field intensity meas. by β-conductive method 2—40234
- semiconductor devices, system for meas. of characteristics after radiation pulses 2—29727
- semiconductor materials 2—19682
- standardization of ampere, n.m.r. method 2—5312
- superconducting modulator, high-stability, low power 2—17513
- surface barrier detector, pulse formation and risetime meas. 2—34802
- surface electric potential, method using Auger electron spectroscopy, patent 2—34281
- synchronous detector, transistor-switch, based on integrated microcircuits 2—23487
- thermoelectric power of sintered semiconductors, by Seebeck effect 2—17509
- voltage, by cylindrical secondary electron detector, for scanning electron microscope 2—37914
- voltage standard using superconducting tunnel junctions 2—6784
- voltages across capacitor and inductor in LRC series circuit by operational amplifiers 2—27384
- voltmeters, rack mounted moving iron 2—23488
- work function, Planck's const., charge accumulation method, meas. apparatus 2—36621

Electrical properties of substances
- *see also individual properties, e.g. Conductivity, electrical; Dielectric properties of substances, etc.*
- boiler tubes, cold- rolled and hardened, e.m. inspection of microstructure and mechanical, electrical and magnetic properties 2—3934
- cholesteric liquid crystals, electrohydrodynamic effects under a.c. electric fields 2—28888
- conductivity of metal films, with ellipsoidal Fermi surfaces 2—4154
- graphite d.c. arc burning in mag. field, spectrochemical aspects 2—35638
- n-hexane, scattering cross section and mobility of excess electrons in liquid 2—35786
- high temp. mats., conf., Gaithersburg, USA, Oct. (1971) 2—9326
- m.i.s. structs., interface elec. props., irrad. effects 2—40315
- neopentane, scattering cross section and mobility of excess electrons in liquid 2—35786
- permafrost soils from Arctic regions, r.f. range 2—30231
- refractory rare earth tungstates, mats. charact. 2—29449
- semiconductors, admittance obs. at microwave frequencies 2—34239
- semiconductors, current fluctuations in presence of external field 2—29649
- silicone fluids, positronium, three quantum annihilations 2—38237
- GaAs, epitaxial characterization using Schottky barriers 2—33010
- PbMg$_{1/3}$Nb$_{2/3}$O$_3$, ferroelec. investigation 2—1572
- SiC-Co$_3$O$_4$, nine compositions obs. 2—6792

Electrical units *see Units*

Electricity
- elastic systems, asymptotic stability and instability criteria by Lyapunov direct method 2—30848
- electronics applications of acoustic surface waves 2—23381

Electricity, direct conversion
- *see also Electric cells; Plasma diodes*
- EHD converter, operation in thermodynamic cycle, efficiency 2—2333
- mirror machine reactors, engineering and economics 2—28130
- plasma energy, fuel cycle obs. and calcs. 2—27398
- plasma research recommendations 2—5319
- power plant, closed cycle, with nonequilibrium MHD generator thermal schemes 2—5318
- thermal-electric, elliptical momentum distribution of gas molecules 2—37876
- thermoelectric, Pu powered electric battery 2—27399
- thermoelectric generator with permeable thermo-junctions 2—7823
- thermoelectric generators powered by radioisotopes 2—14364
- thermoelectric Peltier module, technique for determining operational characteristics 2—34295
- ^{238}Pu fuel characteristics for electric generators and heater units on spacecraft 2—8371
- **fuel cells**
  - cell design, for use in potentiostatic meas. system 2—21010
  - development and research in France 2—23492
  - electrolyte pressure and flow distrib. 2—5315
  - high temperature, long period behavior 2—11417
  - high-temperature, development 2—37877
  - mass transfer in gaseous phase, influence on working of cell 2—27393
  - molten carbonate, inhibition of anode sintering 2—11420
  - ^{60}Co, radioisotope power device, MAPLE, nuclear batteries 2—14360
  - Zn-air, secondary, use of Pd catalysed porous Ni air cathodes 2—11418
  - ZrO$_2$-CaO solid electrolyte, overpotential behaviour 2—11419
  - ZrO$_2$, cathode, coated with SnO$_2$/Sb$_2$O$_3$, voltage current characteristics 2—23493
- **magnetohydrodynamic**
  - annular induction generator, phase impedance characts. 2—30979
  - colloidal mixture of magnetic fluid 2—24636
  - conduction channel with conducting walls, potential distribution 2—229
  - conduction MHD machine, two layer conducting fluid, electric field calculations 2—230
  - conduction pump, single phase a.c. 2—30977
  - convertor prototypes, operation and suitability for applications 2—37880
  - cooling system for superconducting magnets 2—224
  - cylindrical conduction channel, electrical characteristics 2—227
  - electrical conductivity of generator, effects of ambipolar diffusion 2—7821

Electricity, direct conversion continued
- **magnetohydrodynamic** continued
  - electrogasdynamic generators, corona charging of aerosols, effect of powder conc. on efficiency 2—11421
  - gas boundary layer effects, correction parameters 2—23494
  - generator, effects of leakage currents to ground, calc. 2—17525
  - generator, nonequilibrium, thermal schemes of closed cycle electric power plants 2—5318
  - generator, operating on nonequilibrium plasma, characteristics 2—5316
  - generator, preionization of working medium by nuclear reactions 2—11426
  - generator and pump, noncompensated liquid-metal d.c. 2—30978
  - generator channel, closed cycle, optimization of parameters 2—5317
  - generator characteristics, boundary layer effect over wide range of Hall numbers 2—11423
  - generator operating on coal, condensed slags 2—11424
  - generators, self regenerating molten seed electrodes 2—11422
  - generators as aid to present generation 2—231
  - Hall duct, l.f. magneto-acoustical response of flow 2—28489
  - induction generator with hollow nuclear reactor 2—11425
  - jet compression in high temperature energy conversion 2—34288
  - leakage currents, Faraday type generator, nonuniform gas 2—27394
  - machine, liquid metal, electromechanical processes, Lagrange equations 2—228
  - machines, open core, end effect with discontinuities in current loading 2—226
  - magnetization effect, flow paths, patent 2—34290
  - MHD generator, basic flow eqns. const. area duct, const. vel. duct, const. Mach number duct 2—14361
  - mixed type converters, conducting solids in external fields 2—27396
  - optimal soln. of variational problem 2—27395
  - power generation, review 2—232
  - review 2—37878
  - rotating fluid layer, hydromagnetic convection 2—8905
  - Rozhdestvenskii-Hook method for plasma diagnostics 2—31959
  - superconducting magnets and associated mechanical switches 2—225
  - technical and economic problems associated with commercial development 2—34289
  - thermionic convertor, MHD generator, characteristics 2—17526
  - t.w. convertor with linear induction motor, operational behaviour 2—37879
- **solar cells**
  - air conditioning energy source, thermoelectric semiconductors 2—34297
  - arrays, flexible for folding into a spacecraft, patent 2—14366
  - efficiency optimization of thin photoelec. converter 2—2334
  - electro-optical device, radiant to electrical energy, vice versa, solid with excited electron states, Fresnel optical system, patent 2—34299
  - h.v. photoelec. convertors, array-type, microcells with p-n junctions 2—13348
  - photoelectric, thermionic and thermoelectric methods, review of research 2—34296
  - photoelectric power converter, deterioration of volt ampere characteristics after 3 years open air service 2—23500
  - radiation damage, results from ATS-1 satellite experiment 2—27400
  - thermoelectric generator with cylindrical receiver 2—23497
  - CdS manufacturing processes 2—34298
  - GaAs, photoluminesc. spectra, current-voltage characts., impurity effects 2—21012
  - Si:Li, neutron irradiation damage, annealing and doping effect 2—22179
  - Si, for solar radiation meas. 2—23499
  - Si, nonpenetrating proton damage 2—23501
  - Si, study of behaviour in i.r. region 2—14365
  - Si photocell, effect of electric field on collection efficiency 2—23498
  - Si(Li) containing, damage and recovery characteristics after electron irradiation 2—21013
- **thermionic**
  - diffusion behavior of tungsten layers on molybdenum emitters, thermionic reactor 2—14363
  - electrical characteristics, heat release nonuniformity effect 2—11427
  - electrode performance, empirical formulation 2—23495
  - fuel elements for use in nuclear reactors, patent 2—554
  - Knudsen mode, under-compensated, influence of transverse mag. field on operation in 2—7822
  - MHD generator, thermionic convertor, characteristics 2—17526
  - performance analysis, etched-rhenium emitter 2—34291
  - solar cells, review of research 2—34296
  - thermoelectric converter, arc mode, thermal flux, electron component, effect of anode and cathode temp. 2—11428
  - thermoelectric solar heat transformer 2—34294
  - Cs-O$_2$ vapour sources applic. 2—23496
  - Cs diode electric space potential 2—14362
  - Cs diodes, elastic electron-Cs collision cross sections from transport phenomena 2—34293
  - W-Nb planar diode, performance data 2—34292

Electro-deposition *see Electrolytic deposition*

Electro-optical effects
- *see also Electroluminescence; Electroreflectance; Optical constants; Piezo-optical effects*
- amplitude modulators based on Michelson interferometer 2—38144
- aromatic hydrocarbons, electrooptical polarisability in ground state and first excited singlet states 2—15381
- p-azoxyanisole, nematic mesophase, spatial distrib. of light scatt. in applied elec. field 2—25087
- carbon tetrachloride, nonlinear refractive index due to nonlinear response of electronic currents 2—1096
- cooled photodetector with wheel type modulator, analysis at internal noise 2—37806
- cosmic media, current-optical effects 2—33696
- device, radiant to electrical energy, vice versa, solid with excited electron states, Fresnel optical system, patent 2—34299
- diamond, second-order 2—4436
- digital light deflector with prisms and polarization switch based on Pockels effect 2—11520
- ferroelectric, influence on Mandelstam-Brillouin scatt. 2—26199
- ferroelectric light value arrays for optical memories 2—40335
- ferroelectric light value arrays for optical memories 2—40335
- ferroelectric polarization-reel, type modulator 2—38028
- ferroelectrics applics., review of developments in Europe 2—40340
- fluids, dielectric, molecular, Kerr effect 2—8868

Electro-optical effects continued
fluids, stimulated light scattering, role of electrostriction, absorption and electrocaloric effect 2—32178
glass, Kerr constant and nonlinear indices 2—33201
glass, Kerr effect 2—16418
glasses and simple liquids, transparent, origins of Kerr effect 2—36812
halide, layer structure, rel. to optical props. 2—16686
induced birefringence, two beam balanced method 2—38077
integrated optics guided waves materials and devices, conference, Las Vegas (1972) 2—34368
Kerr constant, two beam method of obs. with fixed polarisers 2—1111
Kerr effect, atoms and molecules, time dependent double perturbation-variation formulation 2—15200
Kerr effect, quantum theory, variation-perturbation method 2—15540
Kerr effect at 5 MHz in different optical glasses 2—23699
Kerr effect output coupler for mode locked high power lasers 2—17572
Kerr nonlinearity, light beam, multi-focus struct. 2—22723
Kerr-active liqs., self-focusing and dispersion effects, time-resolved picosecond spectroscopy 2—18836
laser beam scanners and deflectors 2—7943
laser display, electro-optic modulator 2—21133
light coherence passing through liquid crystal cell and holographic recording 2—7050
light deflection techniques, development 2—4435
light modulation, apparatus for, with birefringent beam splitter/ recombiner, patent 2—11521
light modulators, traveling wave, single and double pass, transient phase retardation 2—5397
liquid composed of quadrupolar mols., Kerr effect, temp. depend. term 2—21984
liquid cryst., nematic, room temp. operation of cells, characts. and mechanism 2—35763
liquid crystal, nematic dynamic scatt. in homeotropic and homogeneous textures 2—32233
liquid crystal, nematic film, elec. controlled birefringence 2—39363
liquid crystal, response times 2—35733
liquid crystal matrix display, additional solid layers for parasite current suppression 2—25084
liquid crystals as indicator elements, review 2—39334
macromolecular suspensions and solns., transient scatt. processes induced by pulsed fields 2—15621
mesomorphic materials (liquid crystal), review 2—32263
metal, laser irrad. induced r.f. field 2—33188
microwave light modulator, non-reciprocity properties 2—27625
microwave modulator in modulation method of phase detection, errors 2—31112
modulator, Fabry-Perot, characteristics 2—38032
modulator using dielectric slab waveguide 2—294
nematic liq. cryst., dynamic scatt. of light in applied elec. field 2—9129
nematic liquid crystal, deformation in electric field 2—6233
nematic liquid crystals 2—9071
m-nitroaniline, Pockels effect, half-wave voltage at 6328 Å 2—22732
m-nitroaniline, Pockels effect 2—16427
optical distance measuring instruments, using electrooptical polarization modulators 2—30747
optoelectric effect, rel. to external mag. field 2—11517
perylene, electrochromic spectra in polystyrene matrix, change in polarizability and dipole moment between ground and excited states 2—13488
photoconductor/liquid crystal sandwich, coloured image formation 2—31133
piezoelectric, influence on Mandelstam-Brillouin scatt. 2—26199
polar crystals, optical rectification by impurities 2—33210
potassium tartrate, electrooptical effects 2—26117
Q-switching of randomly polarized laser sources 2—17573
quartz cryst., dispersion and temp. dependence 2—13440
radiation modulator, effect of nonlinear characteristics on the error of the phase optical rangefinder 2—27564
rhodamine 6G, electrochromic spectra in polystyrene matrix, change in polarizability and dipole moment between ground and excited states 2—13488
scanning, repeated reflection 2—2437
scattering mode ferroelectric-photoconductor image storage and display devices 2—21172
semiconductor, electroabsorpt., excitonic effects 2—7066
semiconductor, Franz-Keldysh effect, internal field obs. 2—4438
semiconductor, Kerr effect, rel. to microwave cond. 2—10004
semiconductor, photon pressure effect 2—13344
shutter, use of nanosecond modulator 2—17754
spectral scanning, high speed 2—5451
suspensions, of absorbing spheroids, electrodichroic ratio 2—9186
tetraphenylpolyenes, electrooptical polarisability in ground state and first excited singlet states 2—15381
thin crystal, electroabsorpt. spectra, mutliple reflection effects 2—19994
toluene Kerr constant and nonlinear indices 2—33201
Ag_3AsS_3, for modulator, cryst. growth 2—35936
As_2Se_3 film, glassy, electroabsorpt. 2—19961
$Ba_2NaNb_5O_{15}$, low and high freq. coeffs. 2—13315
$BaTiO_3$-$FeTiO_3$-Ta_2O_5, effect of nonisovalent replacement Ti^{4+} 2—16426
$BaTiO_3$-$FeTiO_3$, effect of nonisovalent replacement Ti^{4+} 2—16426
$BaTiO_3$-Ta_2O_5, effect of nonisovalent replacement Ti^{4+} 2—16426
$Bi_4Ti_3O_{12}$, efficient white-light reading of domain patterns 2—40348
CdS/liquid cryst. system, photoactivated light valve devices 2—21173
CdS, optical-transmission modulation by acoustoelec. domains 2—7062
CdS, photoelectronic props. rel. to light valve display applics. 2—22650
CdTe, double acceptor obs. from electroabsorption meas. 2—36528
CdTe, for i.r. modulator 2—29089
CdTe, impurity level obs. 2—36538
CdTe film, light modulation by excitonic electroabsorption 2—26118
$CsNO_3$, electrooptical effects 2—26117
CuCl, temp. depend., clamped electro-opt. coeff. 2—22784
Cu_2O, green series n=1 exciton line, diffr. electroabsorp. obs. 2—36876
Cu_2O, photomemory effect, electron trapping 2—40276
GaAs-$Al_xGa_{1-x}As$ double- heterostructure, light modulator 2—17710
GaAs, absorp. in an elec. field, Wannier levels obs. 2—22764
GaAs, electroabsorpt. and polarization anisotropy 2—7071
GaAs, Franz-Keldysh effect, studied by 3 methods 2—7052
GaAs, Franz-Keldysh effect anisotropy 2—10379
GaAs crystal, modulator of i.r. radiation reduction of half-wave voltage 2—10294
Ga_2Se, indirect optical transitions, electroabsorp. obs. 2—33261

Electro-optical effects continued
GaTe, electroabsorption spectra, band gap and exciton role detn. 2—20038
$Gd_2(MoO_4)_3$, control and applic. of ferroelec.-ferroelastic domain wall motion 2—40351
$Gd_2(MoO_4)_3$, ferroelec., anomalous optical hysteresis 2—19971
$Gd_2(MoO_4)_3$ page composer, hologram writing 2—40614
HgS, for modulator, cryst. growth 2—35936
KCl:Ca, Sr, Ba, thermal electric alignment and Stark effect of Z_1-centres 2—20040
KD_2PO_4, Q-switching, simulation by programmable desk calculator 2—4437
KH_2PO_4/semiconductor contact surface, edge effect 2—13439
KH_2Po_4 light deflector, max deflection and resolving power 2—38078
KIO_3, ferroelectric, phase transition 2—33211
$LiIO_3$, linear coeffs. 2—4447
$LiNbO_3$, longit. eff. in oblique sections 2—1664
$LiTaO_3$ multichannel crystal, one dimensional phased array antenna, optical beam steering 2—27365
$POCl_3$ Kerr constant and nonlinear indices 2—33201
(Pb,La) $(Zr,Ti)O_3$ ceramics quality improvement 2—40616
(Pb,La)$(Zr,Ti)O_3$ ceramics, linear effect, modulator construct. 2—40354
$PbCsCl_3$, for modulator, cryst. growth 2—35936
$PbMg_{1/3}Nb_{2/3}O_3$, quadratic coeffs., absolute values 2—10312
$5PbO3GeO_2$, switching of optical rotatory power 2—40615
Pb(Zr, Ti)O_3, La subst. ceramic as wavelength selection device for rhodamine 6G dye laser 2—14425
Pb(Zr,Ti)O_3, La subst. ceramic as wavelength selection device for rhodamine 6G dye laser 2—14425
Se, fund. absorpt. edge obs. 2—33271
Se, trigonal, temp. depend. electroabsorpt. on indirect edge 2—13480
SnO_2, electrotransmission spectra near fundamental threshold 2—40641
VO_2, electroabsorpt., band assignments 2—33245
ZnO, electrotransmission and Pockels effect 2—7051
ZnS, asymmetric Franz-Keldysh effect and mapping of internal elec. fields 2—25965
ZnS, Franz-Keldysh effect, UV, transmission 2—4438
ZnS, vapour phase epitaxially grown 2—9290
ZnSe, crystal, photoeffect in electrooptic effect 2—10313
ZnSe, vapour phase epitaxially grown 2—9290
Electroacoustic transducers *see Transducers*
Electrocataphoresis *see Electrophoresis*
Electrochemistry
see also Chemical analysis/electrochemical; Electrolysis; Electrolytic deposition
1-1 electrolyte solns., calcs. on restricted primitive model 2—10630
alkali halide-alkaline earth halide fused systems, chem. potential, e.m.f. study 2—30074
alkali metal tungsten bronzes, prep. and characterization 2—10633
Alnico alloys, ferromagnetic phases, indirect evaluation of individual props. using electrochem. means 2—26031
β-alumina, $MAl_{11}O_{17}$, transport meas. rel. to solid electrolyte suitability 2—10632
brass, etchant development 2—18920
chemiluminescence, electrogenerated, effect of external magnetic field on intensity 2—40821
electrochemical photo-effect, at metal electrodes, unified treatment 2—1756
electrolytes, 2 component fused mixtures, activity coeffs. 2—26353
electrolytes in capillary porous systems, kinetic under MHD pressure, kinetic effects and rate of flow 2—31929
electrolytes in capillary porous systems, under MHD pressure, kinetic effects rate of flow electro and mass transport 2—35446
electrolytic cell, internal cooling, gas evolution 2—1742
electron primary emission during γ transmission of two component medium 2—30079
energy conversion, relation to kinetics of electrode processes 2—26352
energy conversion in electrochemical processes 2—40816
higher valence electrolytes, restricted primitive model, hypernetted chain eqn. 2—26350
ice research, molecular understanding of electrochemical processes 2—26351
mean spherical model integral eqn. for charged hard spheres 2—24585
membrane, electrolyte transfer in steady elec. and mag. fields 2—39356
NaCl-KCl-$CaCl_2$-UCl_3-UCl_4 solid systems, phase diagrams for electrolyte selection for calcinometric reduction by chlorides 2—39998
in plasma discharge 2—21778
potential, electrochemical, contribution to study 2—1755
semiconductor electrolyte interface, impedance and noise in electron transfer 2—13585
sensitive automatic meter for continuous sampling of contaminating oxidants in atmosphere 2—37130
solid electrolyte method, for diffusion coeff. of oxygen in Cu 2—25467
steel brittle fracture in cement bound concrete, simulation 2—6578
surface roughening, heterogeneous anodic dissolution, ellipsometry 2—25173
temperature jump method applications 2—40817
tungsten oxide bronzes, deposition and dissolution processes 2—19007
ultrasonic applications 2—40818
u.s. wave applic. in reduction and oxidation processes 2—30071
Ag, liquid, diffusion of oxygen potentiostatic meas. method 2—12554
Ag_2CrO_4, dissolution in aqueous solutions, analysis of mass transport 2—30072
Al reduction cells, decomposition voltage, influence of alumina content in bath 2—13584
Al_2O_3, anodic barrier film, microstructure, amorphous and crystalline phases 2—9266
Al_2O_3, single crystal, pure and doped, elec. cond., interpretation of expt. data 2—1562
Al_2O_3 porous anodic film, coloration, light scatt. 2—13454
Au-Sn liquid alloy, struct. and activity coeff., stirred H-cell study 2—28784
Beo, transport number exam., rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2—4274
Bi_2O_3, free energy of formation, solid electrolyte technique 2—10606
C fibre, surface chem. groupings, wetted fibre area change, electrochem. evaluation 2—12644
CaO, transport number exam., rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2—4274
CdS photovoltaic cell prep. by electroplating in Bi ion soln. 2—10145

Electrochemistry continued
Cr, electrocrystallization from molten salts 2—3584
La-Sb alloy melt, e.m.f., thermodynamic props. 2—30073
MgO, transport number exam., rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2—4274
Nb, surface electropolishing method 2—4181
Ni-Al-Cr alloy, electrochemical seperation of intermetallic γ'-phase 2—30078
Si, anodic oxidation 2—7179
SiO$_2$ films, electrochem. charging by injected electron currents 2—13304
SrO, transport number exam., rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2—4274
ThO$_2$-Y$_2$O$_3$ solid electrolyte, elec. cond. and operational limits 2—10634
V-O solid solution, thermodynamic props., e.m.f. study 2—25602
Zn, coulombometric determination of atomic weight 2—38844
ZnO, effects of excited O$_2$ at surface on conductivity enhancement via energy transfer 2—16317
electrodes
see also Electrodes
anthracene crystal/electrolyte solution interface, quenching of excited states 2—26242
autogenic H reference electrode 2—1757
energy conversion, relation to kinetics of electrode processes 2—26352
intracellular microelectrode for recording cell membrane resistance and polarization 2—2014
liquid-gas, elec. cond. calc., packed sphere model 2—1758
M/M^{3+} electrode reaction kinetics, steady-state intermediate ion concs. 2—10631
metal electron photoemission into solution effect of double layer structure 2—6923
metal/electrolyte interface, opt. props., double-layer structure models 2—9235
m.o.s. structs., electrode deterioration, Na problem 2—22600
optical obs., of adsorbed layers, conf., London, England, Dec. (1970) 2—9298
processed, pressure and temp. coefficients 2—40822
processes, optical methods for studying 2—40823
reflection obs. of absorbed layers at electrolyte interface 2—9301
ribbon cathode device for meas. internal stress in electrolytic coatings 2—39859
rotating ring-disk electrode, electrogenerated chemiluminescence 2—30075
Au/electrolyte, reflectivity electromodulation, mechanism 2—9246
Au, Hg plated in DMF/H$_2$O soln., electrocapillary studies 2—32247
C, pyrolytic, oxidation, surface functional groups 2—4588
CdS-electrolyte interface, electron transfer, surface states contrib. 2—13225
CdSe-electrolyte interface, electron transfer, surface states contrib. 2—13225
Fe, oxide film growth mechanism and passivation, transient ellipsometry obs. 2—10635
Pt, in perchloric acid, modulated specular reflection spectra rel. to cathodic H adsorpt. and oxide formation 2—9311
Electrodes
see also Anodes; Cathodes; Electrochemistry/electrodes
arc discharge, increasing accuracy of meas. of spots near electrode by projecting grid onto electrode 2—39221
atmospheric pressure CO$_2$-H$_2$-He lasers, electrode designs for high output 2—11468
cathode anode configuration for long term stability 2—39216
contact potential between electrodes in Ce filled diode determ. from space charge limited voltampere characteristic 2—11989
emissivity, limitation of layers in gas-electrode boundary 2—35511
insulating, associating a.c. discharge, electron temperature meas. 2—39205
klystron collector, thermal design 2—2368
large positively stressed, discharges 2—1006
materials, effect on initial expansion of an arc in vacuum 2—35633
metrological parameters of system 2—1759
microelectrode, neuronal connections in visual cortex obs. 2—7616
microspots, obs. of current density during power vacuum discharge 2—8994
molten seed, self regenerating, for MHD generators 2—11422
porous, gas, locally dependent electrical parameters 2—20192
pre-electrode layer structure, influence on volt-ampere characteristics of l.v. arc discharge 2—32141
secondary electron emission in d.c. discharge, effect on Hall potential difference 2—24868
spherical, bipolar current due to electron space charge, compensation by ion counter-flow 2—24849
sputtering, high vacuum water cooled assembly and feed through 2—41414
three electrode system, field calcs. 2—37921
vacuum gap, effect of surface state on electrical stability 2—9002
Ge/T$_{40}$As$_{37}$Ge$_7$Si$_{18}$, effects on characts. of ovonic switches 2—10082
Mo, effect of purity and high temp. on thermoelectric characteristics 2—29763
ThC, thermionic cathode, indirectly heated, high current density 2—37898
ZrO$_2$ base Y$_2$O$_3$ stabilised, electrode potential falls and resistance in flow of ionized gas 2—28479
Electrodynamics
see also Eddy-currents; Quantum electrodynamics
acceleration by parametric resonance, detailed analysis 2—240
acceleration of charged particles and radiation reaction in strong plane and spherical waves 2—23520
in axisymmetric magnetic fields with neutral point 2—23518
beams, in proton linear accelerator with space charge, computer obs. 2—5613
beams, intense, with nonstationary distrib. of transverse phase space density 2—5605
boson motion in intense electromagnetic field, soln. of Klein-Gordon eqn. 2—245
charged mag. dipole, derivation of spin concept from Bloch eqns. 2—13383
charged particle, moving in spherically symmetric black-hole background, e.m. field 2—23263
charged particle acceleration mechanism in alternating mag. field 2—34313
charged particle cluster motion in accelerator, nonlinear differential eqns. 2—5324
charged particle interaction with external e.m. field, Klein Gordon eqn. 2—27416

Electrodynamics continued
charged particle motion, in random mag. field 2—7837
charged particle motion, uniform elec. field with radiation reaction 2—17539
charged particle motion in homogeneous magnetic field 2—17542
charged particle motion in homogeneous magnetic field 2—17543
charged particles, nonresonant diffusion in stochastic fields, quantum mechanical treatment 2—27417
charged scalar particle, mass shift in intense standing e.m. wave 2—37891
cherenkov radiation for particle moving in helical path, calc. method 2—7838
crossed fields and charge motion analysis, average trajectories 2—242
cyclotron resonance spectrometer, quantum mechanical description, noise analysis 2—14375
cylindrical condenser, charged particle motion in normal section 2—34312
Dirac particle motion in centro-symmetric electric field 2—11435
dyons, particles with electric and magnetic charges, motion in relativistic classical mechanics 2—241
electric fields of moving charges, film loops 2—11
electron beam, intense relativistic propagation in a longitudinal magnetic field 2—23528
electron beam stability, moving in periodic waveguide 2—246
electron microwave interactions 2—27414
electron motion, in homogeneous mag. field allowing for reaction of radiation 2—37890
electron polarization, influence of external e.m. field 2—17536
electron rings, energy loss on flight through isolated resonator 2—2297
e.m. interaction of two fully relativistic classical spinless point particles in the case of almost circular orbits 2—30988
e.m. wave interaction, propagating at angle to uniform magnetic field 2—7836
e.m. waves, relativistic motion of charged particles in plane waves with slowly changing parameters 2—7839
equation of motion with external force in addition to Lorentz forces 2—21020
exact relativistic motion of charged particle in magnetic field $(x^2+y^2)^{-1/2}[-\gamma y(x^2+y^2)^{-1}, \gamma x(x^2+y^2)^{-1}, \alpha]$ 2—21019
explosions, electrodynamic, shock wave analysis 2—5254
extinction theorem for incident e.m. field 2—27415
fast electrons, accelerated motion in dielec. medium in elec. field 2—34311
in field of e.m. wave undergoing total internal reflection 2—14379
Fokker Planck equations for transport in random fields 2—14374
gyrotropic medium, charged particle energy loss 2—244
Hamiltonian of charged particle, transformation from inertial to rotating frame in presence of external electromag. field 2—14373
interacting particles, classical Galilean theory 2—5326
ionosphere and magnetosphere dynamo and motor 2—20405
kinetic energy amplification of charged particles 2—5325
klystron type bunchers, radiation intensity calc. 2—34326
Lorentz transform., rel. to charge motion in constant homogeneous e.m. field 2—7652
magnetic monopole moving in constant elec. field, polarization of radiation 2—7835
massive, limit to Maxwell theory 2—34310
motion of charged particles in spiral magnetic field and temp. anomalies, application to solar wind ions 2—26900
non-additive interactions, effects 2—98
nonlinear classical, condition for vanishing e.m. self stress 2—14376
nonlinear Lagrangian, linear field equations 2—17540
orbits in electrostatic fields, rubber sheet model 2—21003
particle near transition energy in AGS, synchrotron motion theory 2—27922
particle trajectories in curved space, e.m. radiation 2—2089
plasma, charged particle motion in axially symmetric magnetic field 2—14378
point magnetic dipoles, accelerated in circular and Keplerian orbits, e.m. radiation 2—34235
near pulsars, models and synchrotron radiation 2—4940
pulsars 2—26793
radial flow at velocity of light, Maxwell equations 2—17537
radiation from a charge in the field of two plane waves 2—37889
random walk of charged particles, linear response theory 2—7696
relativistic, classical, fall of 2 unlike charge equal masses, trajectories soln. 2—14377
relativistic, energy-momentum tensor of charged particle system 2—2346
relativistic, weak gravitational fields, covariant Green functions of photon and electron 2—2070
relativistic electrons, anal. of radiation induced by plane e.m. monochromatic wave 2—27419
relativistic particle, cyclotron resonance in radiation pulses 2—243
spin maximum 1 particle 2—27057
stationary problem solved by R-function methods combined with variational methods 2—37814
stochastic electrodynamics developed from random electromagnetic field 2—10804
in storage ring with h.f. oscillating quadrupole 2—18055
synchrotron motion, relativistic, with radiation reaction 2—37892
thin disc, uniformly charged, moving in dielectric Cerenkov field 2—2345
time-symmetric, general relativity as source of difficulties 2—37601
trajectories of dipole particles in magnetic and electric fields, calc. 2—21021
trajectories of particles in high intensity beam, calculating computer programme 2—7833
Vaidya radiation, interpretation 2—17538
van der Waals forces, asymptotic retarded, derivation from classical electrodynamics with classical e.m. zero-point radiation 2—30987
vectors, polar and axial, consistency problem 2—27413
wave radiation zone formation, arbitrarily moving charge 2—37888
Electroendosmosis *see Electrophoresis*
Electrogasdynamics *see Electrohydrodynamics*
Electrohydrodynamics
see also Magnetohydrodynamics
cellular bulk convection induced by temp. gradient 2—35694
converter, operation in thermodynamic cycle, efficiency 2—2333
cylinders, in dilute suspensions, orientation distribs. in shear and elec. fields 2—35435
dielectric liquid, current flow modification 2—3398
dielectric liquid, exptl. consequences of stability criterion 2—32273
dielectrophoretic effects in laminar forced convection between two parallel plates 2—3162

Electrohydrodynamics continued
electric current jet induced motions in conducting fluid 2—12351
electrogasdynamic flows in channels, stability of electrostatic ion waves 2—28692
electrolyte, instabilities due to current flow 2—9146
electron plasma with self-consistent field interaction, variational and statistical methods 2—33958
gas discharge plasma, detector characteristics, interaction with h.f. fields 2—21777
Hamiltonian and statistical, canonical theory of adiabatic plasma 2—35455
jets, behind nozzle source of charged particles 2—39116
liquid crystal, high freq., electrohydrodynamic effect 2—6242
liquid crystal, nematic, order parameter distrib. 2—25041
liquid crystal, p-azoxyanisole drift mobility, temp. depend. 2—39341
liquid crystals, nematic, threshold effects 2—15571
liquid crystals of azoxy compounds with dielectric anisotropies of different sign, instabilities 2—39340
liquid drop immersed in conducting fluid, fluid motions induced by e.m. field 2—18573
MBBA, liquid crystal, behaviour when subjected to unipolar injection 2—32228
nematic liq. cryst., e.h.d. instability threshold, nonlinear behaviour 2—12544
nematic liquid, instabilities 2—21997
nematic liquid cryst., instabilities in pulsating elec. fields 2—12545
nematic liquid cryst., instability stabilizing a.c. field effect on chevron spatial period 2—28792
plasma Langmuir-Bohm criteria and boundary conditions 2—31964
spark discharges, supply processes, hydrodynamic characteristics of discharge channel 2—21889
He ions, motion under induced field in magnetic field 2—30989
Electrojet *see Atmosphere/upper; Atmospheric electricity; Ionosphere*
Electrokinetic effects
see also Electrophoresis
fluid flow, rel. to determination of turbulent transition 2—21750
gravitationally induced electric fields in metals, electrochemical systems in thermodynamic equilibrium 2—6070
nuclear fuel cladding, electrokinetic method of measuring thickness, use of eddy currents 2—18263
Na_2CO_3 dilute solution, determ. heat transfer rate from electrically heated thin Pt wire under influence of electrolytic currents 2—21981
Electroluminescence
anthracene, thermal activation energies for hole injection 2—16318
anthracene crystal, avalanche breakdown and light emission 2—19754
anthracene crystals, charge transfer exciton fission 2—36960
diode, carrier recomb., recomb. rad. intensity, transient characts. 2—19705
diode, spacing of photocurrent and external emission spectra maxima 2—20117
diodes operating characteristics and radiation effects, review 2—20116
emission time, effect of const. part of excitation voltage 2—40731
film, amorphous oxide, voltage formed, filamentary model 2—40272
heterostructure diode lasers 2—7937
metal-alkali halide junction, characts. 2—40732
mylar films, non destructive electric breakdown 2—20118
population inversion, electrolum. excitation, impurity impact excitation 2—13524
radiation loss in electroluminescent grain 2—16635
rare earth ions, trivalent, electronically excited in electrode processes 2—21992
semiconductor, ternary, external efficiency, theory 2—4524
semiconductor materials, high resolution measurement, photo- and electroluminescence, photo-e.m.f. 2—36959
X-ray image storage panel 2—4523
Al-Al_2O_3-Au diode, rel. to negative resistance 2—19725
Al-Al_2O_3-Au m.i.m. structure, elec. cond., electron emission 2—13290
Al-GaAs double-heterostructure diode source for optical fibre transmission lines 2—29991
(AlGa)As-GaAs heterojunction, spontaneous emission rel. to lasing transitions 2—23615
Al_2O_3, powder suspended in polystyrene 2—7103
Al_2O_3 photo- and electroluminescence 2—20119
Au-GaP Schottky barriers, green injection luminesc. 2—13523
CaS:Pd phosphor, brightness rel. to voltage and freq. 2—36961
CdF_2:Mn film, voltage-brightness curve 2—13522
CdS:Cu powder phosphor, d.c. and a.c. 2—40733
CdS, single cryst., layer like luminesc. 2—4525
$Ga_xAl_{1-x}As$, diodes, fabrication improved technique 2—16636
GaAs:Ge diodes, low-energy emission band obs. 2—26251
GaAs:Zn diodes, high-efficiency, fabrication effects 2—26250
GaAs-$Ga_{1-x}Al_xAs$(Zn), heterostruct. diode 2—10454
GaAs, before and after Al implantation 2—9585
$GaAs_{1-x}P_x$ diodes, defect centres generation during forward-bias degradation 2—7104
GaAs diode, degradation with prolonged operation, role of Cu 2—40734
GaAs diode, optical matching methods 2—11523
GaAs diodes, fabrication 2—10090
GaAs emission diode with transistor structures, characts. meas. 2—1542
GaAs small-area diodes, shot-noise in output 2—22817
$GaAs_{1-x}P_x$, donor conc. effects 2—29993
GaN blue light-emitting diode 2—36962
GaP:N, epitaxial, p-n junc., efficient yellow luminescence 2—7092
GaP, diode material, struct. defects 2—29992
GaP diode, fabrication technology 2—29994
GaP diodes, substrate-epitaxial interface quality effects 2—25199
GaP p-n junctions, l.f. fluctuations in intensity 2—22581
GaP red emitting diodes, injection and quantum efficiencies 2—33328
Gap, extrinsic minority carrier lifetime meas. 2—26249
KBr-Tl, vac. u.v.-X-u.v. excited, photo- and electrophotoluminesc. processes 2—16603
NaCl:Ag, vac. u.v.-X-u.v. excited, photo- and electrophotoluminesc. processes 2—16603
Ta-Ta_2O_5-Au diode, rel. to negative resistance 2—19725
(Zn,Cd,Hg)S:Cu,In electroluminor, radiation enhancement 2—36968
ZnS:Cu, Cl film, low voltage 2—40726
ZnS:Cu, electroluminesc., nature of luminous regions, dislocation theory 2—40736
ZnS:Cu, impurity conc. and firing temp. effects 2—36964
ZnS:Cu, temp. effect on electrolum. decay 2—20120

Electroluminescence continued
ZnS:Cu,Cl phosphor, charged imperfections effects 2—36967
ZnS:TbF_3 films 2—13455
ZnS-Tb^{3+} films, hot-electron impact excitation 2—16637
(ZnS, ZnO):Cu, Cl electroluminors, binderless electroluminescence, carrier injection mechanism 2—29995
ZnS, a.c. electroluminescence, effect of u.v. light non validity of Fischer model 2—16638
ZnS, in m.i.s.i.m. struct., quantum yield 2—20121
ZnS, polytypism effects 2—26253
ZnS, powder layer, rare-earth activated, d.c. excitation 2—10455
ZnS, rare earth doped, power efficiency 2—40737
ZnS phosphor, low temp. stimulation 2—26252
ZnS phosphors, double-band, X-ray induced enhancement effect 2—36965
ZnS vapour deposited thin layers, and prop. 2—36963
ZnSe-In junction, reverse biased 2—29996
ZnSe-ZnTe heterojunction, epitaxial growth, green emission 2—40735
ZnSe, light emission at n-i junction when forward biased 2—29997
ZnSe m.i.s. structure, also exhibiting switching and memory 2—33327
ZnSi:I, low voltage, due to acoustoelectric instability 2—36966
Electrolysis
see also Conductivity, electrical/liquids, electrolytic; Dissociation/electrolytic; Electrochemistry; Electrolytic deposition; Ion velocity/electrolytic
counter current, self stabilisation by using strong acid in electrolyte 2—30077
ferricyanide reduction, limiting currents 2—40827
flow channel cell apparatus for high rate obs. under controlled hydrodynamic condits. 2—40827
jet electrolytic polishing, preparation of electron-microscopic samples 2—37048
potential generator for step-linear scan 2—4597
quartz, electrolytic sweeping of alkali ions 2—4598
α-quartz/Ag, electromigration rel. to cryst. imperfection 2—29223
stainless steel, hydrogen absorption, cracking 2—1324
thinning, double-jet technique for transmission electron microscopy 2—15708
Ag, dendritic cryst., growth, electrolysis of $AgNO_3$ soln., rel. to current fluctuation 2—9295
Al, new aspects 2—40829
Al_2O_3:TiO_2, MgO, point of zero of charge, doping effects 2—40828
$CaCo_3$, absorpt. spectrum, effect of electrolysis and cryst. conditions 2—33255
Cu anodes with impurities, treatment 2—37047
^2H enrichment of water, cell design and mean current density calc. 2—26354
Ni-Co alloys, applied mag. field influence on mag. props. 2—19882
Ni film, plated, on Fe substrate, stripping process 2—37049
n-Si, anodic dissolution, etch channel form. 2—40830
TiO_x film, anodic, stripping from metal, a.c. procedure 2—40825
TlI-TlBr, KRS-5 ionic crystal, effect on negative photocond., thermostimulated current obs. 2—13303
Electrolytes, theory *see Electrochemistry; Solutions*
Electrolytic conductivity *see Conductivity, electrical/liquids, electrolytic*
Electrolytic deposition
internal stress measurement of deposits 2—3882
metal, b.c.c., electron structure influence 2—18974
morphology, effect of pulsating potentials 2—13586
radioactive sources of ^{59}Fe, $^{114}In^m$, $^{115}Cd^m$, ^{113}Sn, ^{125}Sb, ^{207}Bi, ^{204}Tl, on thin metallized plastic films 2—5673
solder electroplated wire, characts. 2—6756
tungsten oxide bronze single crystal prod. 2—19007
u.s. wave applic. in reduction and oxidation processes 2—30071
Ag, electrocrystallization from $AgNO_3$ melt, morphology of growth of (100) and (111) façes 2—1202
Ag acicular crystals, dislocation mechanism 2—25215
Au, from dil. plating solns. 2—9269
Cu, incorporation of o-phenanthroline impurity, X-ray small angle scatt. obs. 2—19114
Cu single crystal electrodeposits, growth and structure, electron diffraction study 2—29015
Fe-Ni cylindrical film, internal stresses during deposition 2—35889
Fe-Ni cylindrical film, internal stresses, effect of deposition conditions 2—35890
Fe-Ni film, effect of organic additives to electrolyte on anisotropy 2—36723
Fe film, effect of thiourea on grain size and coercive force 2—25198
Ni-Co layers on Cu wires in mag. field, remagnetization process 2—13411
Ni film, stripping of large areas 2—12662
Ta film, anodization, impurity distrib., ion microprobe mass spectrometric obs. 2—22879
Electrolytic tanks *see Calculating apparatus/analogue apparatus*
Electromagnetic fields
antenna, near-fields calc. 2—37853
biaxial crystals, angular spectrum representation 2—23424
bifilar screening line, in ferromagnetic medium, calc. 2—23426
charge distribution in static fields, relativistic equations 2—5285
charged particle, moving in spherically symmetric black-hole background 2—23263
charged particles, in bianisotropic media 2—20973
continuous low level, effect on animal physiology 2—5041
current carrying conductors and metallic region 2—17459
decoupling in dense interstellar clouds with angular momentum, formation of protostars 2—26671
description with complex variables, application to antenna discontinuities 2—17488
dielectric and magnetic bodies, with and without losses, characteristic modes 2—14297
differential eqns., variational calculus formulation 2—17463
dipole in half-space, vertical field component calc. 2—23418
at edges of conducting cylindrical obstacles 2—2289
Einstein-Maxwell equations, approximate radiative soln. 2—2291
electromagnetic sheet, bidimens, field, quasilinear soln. 2—23505
energy transport velocity, calc. 2—14299
extinction theorem in electrodynamics 2—27415
Fabry-Perot resonator, integral eqn. method with Green's tensor and asymptotic perturb. method 2—23433
ferromagnetic materials, calculation method 2—4365

Electromagnetic fields continued
flat coil, near semiinfinite conducting medium, e.m. field distrib. 2—17464
Fraunhofer zone, formulation and applications 2—14298
hamiltonian theory of molecule-electromagnetic field system 2—21574
h.f., erythrocytes deformation 2—7599
h.f., involving electrons motion 2—37900
horizontal magnetic dipole embedded in two-layer conducting medium, solutions for low- frequency fields 2—34230
interacting particles, classical Galilean theory 2—5326
interaction with atoms, equivalent operators 2—38796
interaction with charged microparticles, nonrelativistic quantum concept 2—23416
interaction with matter, angular momentum basis 2—23768
interactions, with heat conducting deformable insulators 2—23422
Lorentz transform., rel. to charge motion in constant homogeneous e.m. field 2—7652
magneto-telluric method, petrol, geological and mineral investigation 2—10700
mapping by photochromics, applic. in microwave holography 2—11387
Maxwell's equations, simplified analysis 2—17462
Maxwell's generalized eqn., from e.m. field theory 2—23425
Maxwell equations and quantization of evanescent waves 2—20972
Maxwell tensor from Lorentz force 2—33892
measurement in accelerator cavity, rel. to mechanical tolerances and h.f. losses 2—5608
medium in arbitrary and variable fields, nature of acting ponderomotoric forces 2—37835
microwave, phase distribution in open quasioptical systems 2—17469
microwave radiation on molecular dipoles, resonance calculation 2—24419
N-fermion interaction, quasirelativistic equation 2—2177
non-Weyl type, arising from axially symmetric vacuum gravitational field 2—195
null field propagation in general relativity 2—11265
pair production by relativistic particle in electromagnetic field 2—5490
particle beam-excited re-entrant cylindrical, cavity mounted coaxially with a vacuum chamber, distribution 2—17471
potential, 2-dimensional, graphical investigation by inverse representation 2—17461
produced by relativistic rotating disks 2—4773
propagation, uniqueness of future values 2—196
pseudoscalar, computation over nonuniform surface 2—197
quantization and density of states, in half-space dielectric 2—20971
quantum theory, minimum uncertainty states $|\gamma\rangle$ and states $|\eta\rangle_\nu$ 2—8091
quantum theory, minimum uncertainty states $|\gamma$ 2—8091
radiation of reflector, corner, finite-size 2—14336
of random uniaxial anisotropic medium with small-scale fluctuations, properties 2—30904
reflection, radially inhomogeneous spherical shell, calc. 2—30922
in shock tubes, digital computer solution 2—7760
solenoid, determination of potentials in vector field 2—37836
spherical-wave expansions accuracy by numerical method 2—34233
of spinning sources, solution of coupled Einstein-Maxwell equations 2—11267
spinor approach to Maxwell's equations 2—198
spiral, relation between potential and expansion coefficients, creation of 2—20969
static, in general relativity 2—2114
subsurface, of line source, Earth curvature influence 2—4643
subsurface, of line source, presence of conducting half space, integral formula 2—11388
transient, in inhomogeneous dispersive media, solution near wavefront 2—14304
transitions in e.m. fields of arbitrary intensity, nonperturbative method 2—17465
transmission-line and e.m. field fundamentals, textbook 2—5297
transverse diffusion, in inhomogeneous isotropic media, parabolic equation solution 2—23427
uniaxial crystal, angular spectrum representation 2—23423
unified theory, invariant for fields in curved space-time 2—7663
vacuum fields, stationary class 2—33913
variational principles and generalized potentials 2—118
vector potentials, in radially stratified spheres 2—34234
vector representation of admittance and impedance, formulation of theory 2—7785
Wiener-Khintchine theorem new formulation of quantum-mechanical analogue 2—33926

Electromagnetic oscillations
see also Magnetohydrodynamics; Masers; Plasma/oscillations
cavity between two coaxial conducting cones 2—17470
cavity detuning of Josephson radiation 2—13193
cavity resonators, ferrite-filled, approximation technique calculation 2—30908
circular resonator, excitation of travelling wave regime 2—23430
conductor, elliptic, plane, electrical oscillations 2—17467
Fabry-Perot resonator, e.m. fields investigated 2—23433
ferrites, system of small spheres, in e.m. field, reson. freq. spectrum, excited field amplitudes 2—23434
laser resonator, confocal spherical 2—27465
losses and amplitude distrib. on surfaces in tilted mirror resonator 2—200
microwave cavities, low temperature, circularly polarized, designs 2—4144
microwave cavity, plasma electron density meas., comparison with Langmuir probe and microwave interferometer methods 2—35527
microwave emission resonance for bounded magnetoplasma 2—15484
parametrically interacting oscillations, quantum theory 2—30917
perfectly conducting bodies, transient scattered fields 2—34251
plasma, high density resonantly sustained, variable length cylindrical cavity 2—21826
quartz crystal resonators, Na_2CO_3 process cultured, Q capability from i.r. absorption meas. 2—14301
rectangular cavity, e.m. zero-point energy and radiation pressure 2—2296
resonance circuit, Q-factor, microwave X-band 2—11390
resonator, energy loss of electron ring clusters 2—2297
resonator, open barrel-shaped, excitation 2—2298
resonators, superconducting, in linear accelerators, energy storage processes 2—38399
superconducting cavity, TE_{011} mode, with high critical mag. and Q-value 2—25798
superconducting helical resonator, losses in Al_2O_3 rods from 130 to 450 MHz at low temp. 2—36577

Electromagnetic oscillations continued
superconducting helical resonator for heavy ion accelerator, ponderomotive oscillations 2—34865
superconducting Mo test cavity, properties at 350 MHz 2—34866
u.h.f. oscillations, modulating systems, limiting conditions 2—7786
He-Cd hollow-cathode laser characts. 2—27484
He-Zn hollow-cathode laser characts. 2—27484
InSb microwave resonators, plasma coupling 2—27347

Electromagnetic radiation *see Electromagnetic waves; Gamma-rays; Light; Radiation; X-rays*

Electromagnetic wave propagation
see also Absorption; Diffraction, etc.; Plasma/electromagnetic waves
anisotropic crystals, influence of interband transitions 2—16478
anisotropic media, cylindrical and spherical waves 2—23437
anisotropic medium, polarization corrections 2—11389
anisotropic medium, random, uniaxial with small scale fluctuations, mean Green's dyadic 2—17466
in anisotropic structures, beam formation 2—27351
antennas and propagation, research achievements 2—30960
centripetal, spherically symmetric, general relativity appl. 2—17207
Cherenkov radiation, motion of charge in dielectric in variable electric field 2—30910
circular resonator, excitation of travelling wave regime 2—23430
conducting media, Hall waves 2—1479
coupled mode, in inhomogeneous plasma in presence of shear 2—18610
curved spaces, radiation from charged particles 2—2089
diatomic dielectric continuum, coupled elastic and e.m. fields 2—25913
dielectric media, effect of moving boundary 2—20982
dielectric medium, wave optics 2—2301
dipole mode surface waves, transmission across metallic discs 2—2300
Doppler effect, in anisotropic medium 2—14309
Earth crust probing 2—33420
at edges of conducting cylindrical obstacles 2—2289
Gaussian beam, as bundle of complex rays 2—2299
granite rock, over 1 to 10 MHz 2—33399
gravitational scintillation, calc. in physical optics approx. 2—20826
Green's dyadics for elastic and electromagnetic waves in random media 2—2236
hybrid, TE and TM, cylindrically guided, reflection and transmission properties 2—23461
inhomogeneous media, linear waves propagation 2—37841
interaction of forest surroundings with e.m. radiation 2—5032
ionosphere electron content meas. Faraday effect 2—20407
in isotropic active media, resonance properties in homogeneous and inhomogeneous layers 2—34244
labile negative ions of O_2 excited by high frequency current 2—37840
layered cylindrical media, radially inhomogeneous, uncoupled cylindrical wave modes 2—14303
light, in seawater, multiple scattering calcs. 2—37120
limited magnetoactive plasma, absorption for mirror and diffuse boundaries 2—31990
magnetic insulator, coupling to magnetostatic modes 2—26009
magnetically ordered cryst., coupled e.m.-spin waves 2—10175
magneto-ionic medium, e.m. pulse propagation 2—21782
metal, laser irrad. induced r.f. field 2—33188
metallic thin slabs, microwave transmission, discrete waves 2—19532
microwave attenuation, rainfall effect 2—26507
Moon, ground-waves for two mathematical models 2—30913
moving dispersive medium, symmetrized energy-momentum tensor 2—14307
in nondispersing media with spatial-time fluctuations of dielectric permittivity 2—30911
nonlinear dispersive medium, modulated e.m. wave using quasi particle concept 2—14305
nonlinear penetration of plane plasma layer by e.m. waves 2—3208
nonlinear transmission line, with dispersion 2—23435
optical in random atmospheric turbulence 2—22977
optics in stratified anisotropic media, 4 by 4 matrix formulation for propagation and reflection 2—34463
optoelectric effect, rel. to external mag. field 2—11517
periodic tape structure, infinite, two-dimensional, equivalent dielec. props. 2—202
phase fluctuations, strong, focusing 2—14308
plane, by moving dielectric taper, boundary value problem 2—30923
plane, diffraction from ideally conducting convex object 2—37846
quasi-Cerenkov radiation diffracted into dielectric layer 2—7980
radio beams, ray trajectories in isotropic layered media, qualitative theory of dynamic systems 2—34245
radio waves, in dissipative media, calc. 2—20981
radio waves, in nonlinear medium 2—201
random media, coherent Green's function, comparison of selective summation techniques 2—20980
through random media, multiple scattering 2—14324
random medium, statistical analysis 2—14445
rays, statistics in homogeneous gyrotropic medium with ellipsoidal inhomogeneities 2—27366
relativistic electron beam propagating into neutral gas, determ. induced return current 2—12513
r.f. transmission between two whip antennae in warm plasma 2—15463
SELFOC fibres and rods, wave optics 2—2301
solid, fluctuations 2—19482
solid, quantum theory of light- matter interaction 2—16116
spherical, in random medium, calc. 2—20977
steady state self focusing in a medium with saturating nonlinearity 2—7787
in stochastic media 2—30918
stratified media, Hill's functions applic. 2—30912
over stratified media, nonuniform 2—30914
submarine telephone cable, dispersion reduction by dielectric loading 2—14341
subsurface probing, response of wire antenna to buried conductor, approximate solution 2—17492
superconductor thick film, e.m. wave transparency 2—13144
through thin, dispersive dielectric media, maximization of transmitted energy 2—30916
transient fields, in inhomogeneous dispersive media, solution near wavefront 2—14304
transmission, kinoform synthesis, use of pseudo random sequences 2—11391

Electromagnetic wave propagation continued
transmission and reflection by stratified moving media, field intensities calculated 2—7788
transmission and reflection coeffs., for thin highly ionized layers 2—4723
transmission by moving plasma slab, coeff. calc. 2—31976
transmission line equations, possible physical interpretation of associated second balance equation 2—17472
u.h.f. propagation over sea, effect of weather front on TV reception 2—4696
in uniformly moving homogeneous medium 2—2293
vacuum-inverted dielectric boundary, transition acceleration of charged particle 2—23468
wave-optics computer model, comparison with nonlinear laser-propagation experiments 2—14432
weakly inhomogeneous media, effective dielectric tensor 2—20979
Ag thin slabs, microwave transmission, discrete waves 2—19532
n-Ge, effect of quantized mag. field, theory 2—16228
$LiNbO_3$, ferroelec., Rayleigh wave propagation and amplification 2—22412
PbTe, effect of quantized mag. field, theory 2—16228
n-Si, effect of quantized mag. field, theory 2—16228
YIG, e.m. modes coupling to magnetostatic modes 2—26009

atmosphere
6.25 mm wavelength, rainfall attenuation obs. 2—16835
11 and 18 GHz, attenuation due to rainfall obs., at higher angles of elevation 2—16866
absorption at 10.6 μm by CO_2 and H_2O, for field irradiance distrib. 2—26502
absorption in 4 to 6 mm wavelength band 2—33476
anomalies in attenuation and emission by rain at 37 GHz 2—37165
anomalous attenuation due to snowfall, models for 2—30299
antennas and propagation, symposium, Sendai (1971) 2—14334
astronomical radio sources, 15.5 and 31.6 GHz, propagation test for satellite communications 2—16864
atmospherics, long distance propagation in earth-ionosphere waveguide, phase velocities and attenuation coefficients 2—33478
attenuation due to rain above 10 GHz, equivalent precipitation model 2—10736
attenuation due to rain for frequencies above 10GHz, calc. 2—10735
attenuation due to rainfall statistical study 2—16851
aurora, application to ionospheric electric fields obs. 2—33509
backscattering by turbulent irregularities, analytical description 2—20355
communication channels, tropospheric scatter propagation 2—17478
e.l.f. range, SEA phenomena, obs. 2—22978
fading of radio signals in spherically stratified atmosphere 2—4695
fading of satellite signal strength, obs. using spaced receivers 2—1891
fading sources obs., on optical and microwave line-of-sight paths, using remote probes 2—16846
f.m./c.w. radar technique, turbulent instability within stable layers obs. 2—33458
fog, at millimeter wavelength, attenuation 2—33494
freq. distrib. of E_s in 1958 and 1960, and nature of this layer 2—13765
hailstorm, multicellular, radar reflectivity profiles of individual cells 2—13716
hydrometeors scatt. in troposphere, interference study 2—33490
inhomogeneities, space communications 2—7317
inhomogeneous, deformation due to reflection 2—14338
i.r., computer program to calculate atmospheric effects 2—16843
i.r. thermal radiation, attenuation by atmospheric particulates for brightness temp. of sea meas. 2—16844
irradiance fluctuations in optical propagation 2—10748
laser beam, light intensity distrib. calc. 2—37153
laser beam, spot dancing in turbulent atmosphere 2—4685
laser beam propagation direction fluctuations meas. technique 2—4686
laser beam propagation through falling snow 2—30294
light beam, Gaussian, mode conversion 2—16855
magnetosphere, e.l.f. and v.l.f. fluctuations, satellite observations 2—33507
magnetosphere, e.m. l.f. sounding, modulation of spectrum and amplitude 2—13747
magnetosphere, radiowave propagation, periodic energization of electrons 2—4702
mechanism and effects, application to obs. of atmosphere 2—4697
microwave, cross- polarization distortion due to rain 2—22980
microwave, multipath, theory and expts. 2—16857
microwave, on oversea line-of-sight path, exp., statistical analysis 2—16859
microwave attenuation, rainfall effect 2—26506
microwave attenuation 2—20354
microwave fading, correlation with atmospheric refractive index 2—40971
microwave link interference 2—33481
microwave propagation, tropospheric review 2—20356
microwave tests, 7 and 11 GHz 2—10737
millimetre, microwaves, anomalous attenuation due to rainfall 2—30301
millimetre wave, amplitude scintillation spectrum, aperture filtering effects obs. 2—37167
millimetre wave attenuation in rain 2—37166
millimetre waves, effects of snowfall 2—30298
multipath, on oversea line-of-sight path, noise meas. 2—16858
oblique backscatter sounding, dependence of received power on duration of sounding pulse 2—33528
optical angle of refraction, from mean data and iteration method 2—10731
path models at various altitudes, phase delay and attenuation 2—16856
phase retardation between six co-orbiting satellites, pressure and temperature profiles 2—10719
phase variation of accurate time signal due to solar eclipse 2—17046
on polar ice sheet, h.f. and u.h.f. radio duct propagation 2—16860
propagation and antennas, Conference, Los Angeles, (1971) 2—33486
radar detection of meteor trails, effect of antenna radiation pattern and wind velocity 2—22964
radar return from clear air, relation to mechanical energy regime 2—16845
radar target detection in rain at Ku band 2—13725
radar waves over sea, model calc. 2—7316
radar-acoustic atmospheric sounding system for temp., and weather forecasts 2—26482
radio meteor echoes, effect of small scale wind shears 2—30596
radio noise statistical model 2—34242
radio refractivity, vertical structure, super-refraction over India obs. 2—33484
radio refractivity gradients obs., in Mekong Delta 2—33483
radio waves, in stratified atmosphere, diffractin 2—16854

Electromagnetic wave propagation continued
atmosphere continued
radio waves at 35 GHz and 3 GHz, line-of-sight and transhorizon, wave front sampling technique 2—1881
radio-interferometer tracking system, noise, meteorological data obs. 2—33482
radiowave attenuation in millimetre, microwave range due to snowfall 2—30300
radiowaves, attenuation coefficients due to snowfall, effect of spatial distribution, size of snowflakes 2—30287
radiowaves, attenuation due to snowfall, falling velocity measurements 2—30285
radiowaves, submillimetre, fluctuations obs. 2—16863
rain attenuation, at 15 and 35 GHz 2—16850
rain attenuation, radar meas. at 10 GHz 2—33492
rain attenuation at 15.3 and 35 GHz over 15.5 km path 2—37168
rain attenuation on earth space communication 2—37162
rain effect, turbulent layer scatt., high resolution L-band radar meas. 2—33487
rain scattering effects calc. 2—33493
rain-scatter, coordination area for mainlobe to mainlobe coupling 2—33491
rain-scatter computer model, predictions for ATS-F/G radio interference expt. at 6 GHz 2—33489
rain-scatter interference statistics between terrestrial microwave and satellite communication systems at 4 to 8 GHz 2—33488
reflection, region of signal formation 2—33515
refractive index of radio waves, radiosonde obs. as function of height 2—1834
refractometer calibration instabilities related to electrical characteristics of sensor 2—1882
r.f., forward and backscatter, by spherical overdense clouds 2—33485
r.f., rel. to atmospherics waveforms 2—4693
satellite air traffic control system, channel characterisation 2—16862
satellite communication under unfavourable conditions 2—7314
scintillation studies, review 2—20358
severe storm identification with quantitative echo intensity data 2—13692
short wave reception, at magnetically conjugate point 2—13723
short-wave radio, functions of field strength at 6 to 22 MHz 2—13724
skywave, over multisection plane ground 2—4694
spherically stratified, fading of radio signals 2—4695
temporal frequency spectra of multifrequency waves in turbulent atmosphere 2—33479
tornadoes, prediction from h.f. radio noise from thunderstorms 2—13705
tropical and equatorial regions, effects of temperature and precipitation rate 2—16865
tropospheric fading, low angle, rel. to satellite communications and broadcasting 2—16861
tropospheric paths, short, microwave refraction, high resolution meas. 2—20357
turbulent, waves, temporal frequency spectra 2—16853
turbulent atmosphere, 2/3 law for spherical wave propagation 2—33480
turbulent structure and motions from line-of-sight obs. 2—1855
Venus, refractive index inhomogeneities, estimation 2—17039
v.h.f., 30 to 100 MHz, rel. to solar activity 2—16849
v.l.f. night-time phenomena caused by Forbush decreases in galactic cosmic ray flux 2—20428
v.l.f. radio waves, mode conversion and refraction error in Earth-ionosphere waveguide 2—40991
v.l.f. signal fadings at sunrise and sunset on transequatorial paths 2—1893
v.l.f. signals, Antarctic ice cap attenuation rates determined from short, long great circle paths 2—30915
v.l.f. waves, nonducted, effects of plasmapause obs. 2—10743
v.l.f. whistler mode signals, long duration, observation of pulsation phenomena 2—16847
wind effect, refractive index structure function constant over 28 km at 35 GHz 2—37169
Cs clocks, diurnal freq. var. and refraction index 2—10738

guided waves
analytic techniques, book 2—14330
annular ferrite loaded waveguide, analysis of propagation 2—2309
antenna discontinuities, field description with complex variables 2—17488
atmospherics, long distance propagation in earth-ionosphere waveguide, phase velocities and attenuation coefficients 2—33478
attenuation meas. of gas dielectric waveguides, millimetre range 2—27364
circular waveguide, partially filled, power transmission capacity calculation method 2—23463
circular waveguide, radiation patterns 2—37852
circular waveguide in cable tunnels, transmission characts. 2—37851
in coaxial waveguide with lossless reactive guiding surfaces, modes of propagation 2—17485
complex waves in two- layer circular shielded waveguide, dispersion properties 2—20993
computer for optimum accelerating factor for successive over relaxation method 2—213
conductivity measurement of semiconductor slabs, transmission of TE_{11} microwaves in circular waveguide 2—19679
conical and quasipyramidal waveguides, spherical wave functions eigenvalues 2—30954
cylindrical waveguide, polyhelical beam of electrons, interaction with fast TH- and TE-waves 2—27361
dielectric channel, excitation 2—211
dielectric optical waveguide, glass fibres, birefringent props 2—17714
dielectric waveguide, spectrum of symmetric waves 2—14326
dielectric waveguides, behaviour of wave numbers behind cutoff value in media with losses 2—30948
dielectric-rod waveguide, attenuation constant calculation 2—5295
diffraction by cylindrical waveguide with planar symmetrical aperture discontinuity 2—30955
diffraction by dielectric steps 2—23451
discontinuities in waveguides, scattering calculation ray-optical 2—17481
earth- crust waveguide, modal parameters 2—13627
Earth-ionosphere waveguide, refraction effect 2—16894
electrooptic modulator using dielectric slab waveguide 2—294
elliptical domains, Helmholtz eqn., soln. 2—23453
elliptical waveguides, attenuation, calc. 2—23452
feeder lines analysis, planar, integral equation method 2—17473
flanged waveguide, covered with dielectric or plasma slab, radiation 2—18617
flanged waveguides, mathematical theory of e.m. radiation 2—23462

Electromagnetic wave propagation continued

- **guided waves** continued
  - focusing by magnetic-electrostatic fields, theoretical analysis 2—250
  - glass fibre optical waveguide single and multimode, launching and collection systems 2—31123
  - glass fibres, cladded, delay distortion 2—2456
  - graded-index (GRIN) rods used as image relays, aberrations and design 2—5431
  - in graphite, pyrolytic, electrically asymmetric, theory 2—11398
  - grooved waveguide, w.r.t. open end of side area 2—27362
  - gyromagnetic waveguides, dynamiic modes 2—30950
  - gyrotropic layer excitation 2—23450
  - H_{10}- wave in rectangular waveguide, field pattern, energy transmission 2—37850
  - hybrid, TE and TM, cylindrically guided, reflection and transmission properties 2—23461
  - hybrid-frequency cutoffs in gyrotropic waveguides, axially magnetized 2—17486
  - imhomogeneities, solution using 'Zwischenmedium' 2—17489
  - impedance band waveguide properties 2—27363
  - Josephson junction transmission line, energy band struct., wave propag. 2—22512
  - l.f. and v.l.f., amplitude and phase velocity in Earth-ionosphere waveguide 2—40994
  - light, electrooptic modulation in a thin film 2—7791
  - light, transmission of visible coherent light images by rectangular multimode waveguide 2—27584
  - light guide using Kodak KPR photoresist film for integrated optical circuits 2—38114
  - light guides, solution deposited thin films, doped with laser dyes for high optical gain 2—21167
  - light guides, thin films geometrical optics and applications 2—5400
  - loaded rectangular waveguides, computer implemented vector variational solution 2—30953
  - long line equations derivation using generalized Hamilton's principle 2—23449
  - longitudinal moving stratified medium, reflection 2—2310
  - lossless distributed rectangular structure, dielectric layer between conductive metal layers, transmission zeros, filtering properties 2—23454
  - metallo-optical waveguides, circular, waves 2—2308
  - microstrip line, charge density on central conductor 2—30945
  - microstrip propagation on ferrite, garnet substrates 2—27358
  - microstrip propagation on magnetic substrates, effective relative permeability, filling factors, design theory 2—23455
  - microstrip resonator, elliptic, operating in transverse, radial TM modes, mode chart, unloaded Q-factor 2—23431
  - microwave propagation in circular waveguide partially filled with cold plasma dielectric 2—28561
  - modal resonances in ferrite loaded waveguide Y-junctions, adjustment for circulation 2—34258
  - nonaxisymmetric tubular helical beam interaction with fast waves 2—212
  - in nonlinear transmission lines, self-modulation, instability of t.w., standing waves 2—30947
  - open-ended parallel-plate waveguide, arbitrary field distribution, relationship between electric and magnetic fields 2—5293
  - optical, mode conversion by an acoustic surface wave 2—5294
  - optical, parametric interactions 2—38118
  - optical, phase matched parameteric interactions in GaAs 2—38119
  - optical, polarization mode filters for waveguides, application to integrated optics 2—38129
  - optical, radiation losses in multimode dielectric slab waveguides due to core cladding interface irregulatities 2—34522
  - optical, rectangular light pipe or flat lightguide plates, passage of plane polarized light 2—34500
  - optical, self-focusing pulse channel resulting from striction nonlinearity 2—17715
  - optical, spatial modulation of guided waves in planar structures 2—34429
  - optical cavities, multipass minor modes 2—23464
  - optical fibre waveguides, apparatus for obs. of mode cut-off wavelengths 2—2306
  - optical fibres, recent developments 2—2458
  - optical films absorption, scattering and refractive index 2—40599
  - optical signal waves in perturbed dielectric waveguide, conformal mapping technique 2—34464
  - optical surface wave guidance by periodic layers, effects of substrate curvature, and optical mode trapping 2—34473
  - optical surface waves, guidance, lateral wave phenomenon and image transmission 2—34471
  - optical waveguide, embossed thermoplastic substrate with solidified liquid light guides 2—31119
  - optical waveguide, laser mode conversion, gyrotropic and anisotropic material applics. 2—34425
  - optical waveguide, thin film on quartz substrate, mode convection obs. 2—17482
  - optical waveguide mode conversion exprts. and propagation in guides with gyrotropic and anisotropic substrates 2—34474
  - optical waveguides combining switching, coupling, modulation and guiding 2—38116
  - optical waveguiding in proton implanted GaAs 2—38100
  - orthogonality of v.l.f. height gains in earth-ionosphere waveguide 2—30952
  - parallel plate finite line, radiation 2—17483
  - parallel-plate waveguide, radiation into dielectric or plasma layer 2—20995
  - paraxial Gaussian beams, generating functions 2—23465
  - periodic guides with anisotropic surface impedance, orthogonality relationship 2—34259
  - photoresist film, light guiding structures 2—17711
  - planar surface waveguide junction, modal-matching method 2—17484
  - in plane waveguide with statistically rough boundary, space-time correlation of field, phase amplitude, perturbation theory method 2—20992
  - plasma-filled waveguide, unpaired dipolar mode, quasistatic approx. 2—23460
  - quasioptical beam guide, complex dielectric constant meas. 2—23485
  - radiation instability of electron rings in waveguide 2—30949
  - rectangular waveguide, slotted, field distribution 2—27359
  - rectangular waveguides. dielectric layers in H-plane 2—23458
  - ridge waveguide, pseudo Rayleigh mode, dispersion relation 2—37755
  - scattering, rectangular waveguide, with perfectly conducting cylindrical obstacle. calc. 2—14327
  - self focusing of laser beams in inhomogeneous dielectric 2—31060

Electromagnetic wave propagation continued

- **guided waves** continued
  - shields with aperture, quasi-optical fields one dimensional mode analysis 2—34261
  - Southwestern IEEE Conference, Houston (1971) 2—4656
  - in square, rectangular waveguides with rounded corners, deformation of modes, attenuation curves 2—23456
  - square waveguide with concentric inner circular boundary, cutoff frequencies determ. 2—30951
  - submillimeter quasi- optical channels 2—34260
  - superconductor guide, coaxial, cylindrical, plane wave propagation 2—2307
  - TM-wave with two semiconductor sheets 2—14306
  - transition radiation generated by charged particle during flight through parallel plate waveguide 2—23459
  - transmission lines with attenuation, extended Smith chart 2—5296
  - transmission-line and e.m. field fundamentals, textbook 2—5297
  - tubes with large wall conductivity, using single perturbation technique 2—20996
  - uniform circular waveguide, self focusing channel in medium with cubic nonlinearity 2—27360
  - vector wave equation, decoupled, orthogonal curvilinear coordinates, application to ferrite filled, curved waveguides 2—23421
  - waveguide, cylindrical, dispersion equation 2—14329
  - waveguide, electron ring instabilities 2—14801
  - waveguides, transition radiation from particle crossing waveguide perpendicular to its axis, Vavilov-Cerenkov radiation 2—30946
  - in weakly inhomogeneous duct, ray-optical calc. of modes excited by sources and scatterers 2—20994
  - GaAs-Al$_x$Ga$_{1-x}$As double heterostructure, light modulator 2—17710
  - Pb-teflon-Nb miniature superconducting coaxial transmission line, time and frequency response 2—7792
  - Si-SiO$_2$ systems, transmission lines, characteristics 2—20991
  - SiO-SiN dielectric films, optical guided propagation 2—38101
- **ionosphere**
  - 24.5/73.6 MHz c.w. expt. for electron density meas. 2—16906
  - absorption, cos χ index dependence on solar and magnetic activities 2—30341
  - absorption, empirical expressions 2—40996
  - absorption det. at 6 MHz using A3 circuit in 1F mode 2—40993
  - absorption excursion, latitudinal features 2—41000
  - absorption fluctuations rel. to atmospheric planetary scale waves 2—13763
  - absorption meas. method using riometer 2—1895
  - absorption variations, twelve-year observations 2—20400
  - amplitude distributions of D-region partial reflections 2—16907
  - antennas and propagation, symposium, Sendai (1971) 2—14334
  - Appleton's formula, quasi-transverse approximation 2—23004
  - backscatter gain, near- field correction determination, theory and exp. 2—33516
  - continuous E$_s$ reflections of various types at high latitudes, duration 2—30354
  - cosmic noise absorption over a solar cycle at Delhi 2—30344
  - cross-correlation characteristics of deviations of critical F$_2$ layer frequencies 2—13778
  - c.w. in midlatitude sporadic-E layers, rocket observations 2—37219
  - D region, v.l.f. phase regression 2—7334
  - D-region, absorption, effect of 1958/70 sunspot cycle 2—4720
  - D-region, radio wave absorption, ionization by electron flux 2—23017
  - D-region, v.l.f. anomalies during SIDs rel. to var. in conductivity gradients 2—1898
  - D-region, wind speeds, density changes, radio wave absorption, correlation determ. 2—26536
  - distance attenuation of reflected l.f. radio waves at vertical incidence 2—10758
  - drifts, synchronous meas. during vertical and oblique radio sounding 2—30340
  - E$_s$ reflection and transmission coeff. calcs. 2—4723
  - E-region, m.f. radiowave reflection, amplitude and phase obs. 2—41007
  - E-region nighttime study 2—37856
  - Earth-ionosphere waveguide, refraction effect 2—16894
  - electron density profile. from frequency dependence of radio absorption 2—13780
  - e.l.f. attenuation under theoretical ionospheres in presence of magnetic field 2—23002
  - e.l.f./v.l.f. radiation resist. of finite dipole in multicomponent system 2—31978
  - equatorial Faraday rotation measurements, using geostationary satellite 2—30345
  - equatorial spread of radio signals reflected from F$_2$ layer 2—13784
  - evening type trans- equatorial propagation and range spreading 2—10764
  - exosphere, field aligned reflection traces, reduction of ionograms 2—10763
  - F1 region, incoherent- scatter observations 2—13788
  - F-region, fast Faraday fading of long range satellite signals 2—10762
  - Faraday rotation of v.h.f. signals from satellites obs. of ionosphere electron density distrib. irregularities 2—16898
  - and geomagnetic field, orthogonality conditions 2—23005
  - h.f. Doppler dispersion during total solar disturbances eclipse and travelling ionospheric analysis 2—33526
  - h.f. radio waves, field strength calculations 2—22979
  - h.f. radiowave absorption at night, narrow band receiver 2—30347
  - h.f. radiowave absorption at night, ray path computation 2—30348
  - h.f. signals emitted by satellite. long range propagation 2—16896
  - inhomogeneous, deformation due to reflection 2—14338
  - initial F$_2$-layer frequencies variation with stratospheric circulation 2—33548
  - l.f. and h.f., parameter calc., using fullwave integration procedure 2—1892
  - l.f. and v.l.f., amplitude and phase velocity in Earth-ionosphere waveguide 2—40994
  - l.f. radioelec. waves emitted by multiple lightning discharges, interference phenomena 2—16893
  - LF radiowaves of 164KHz, calc. nocturnal absorption due to ionisation produced by X-rays from Sco X-1 and Tau X-1 2—26528
  - lower ionosphere, effect of X rays, obs. 2—30343
  - magnetosphere, helicon, whistlers, non-linear effects 2—13746
  - mechanism and effects, application to obs. of ionosphere 2—4697
  - median true height profiles, synthesized from propagation parameters 2—23003
  - model, four-region, hop structure calculations 2—14339
  - model, linear, perturbed reflection, e.m. pulses 2—30965

Electromagnetic wave propagation continued
ionosphere continued
modelled, scattering calculation ray optical 2—17481
modificatio of ionosphere with intense radio waves 2—30337
movements obs., north-south, using widely spaced aerial pairs 2—33527
naturally occurring v.l.f. radio signals from lower ionosphere during solar eclipse 2—37199
nighttime, m.f. and h.f. waves absorption and ray paths computation 2—7795
non-linear h.f. instabilities, coupled mode theory 2—26531
nonlinear whistlers, field-strength dependence of damping coefficients in geometrical optics approximation 2—33517
oblique propagation through quiet ionosphere, radio wave absorption 2—23001
optical path calc. method 2—33469
plasma parameters, dispersion and absorption, oblique sounding experiments 2—33514
plasma resonance detection, by radio transmitters 2—33529
quasi-dipole approximation in the method of partial radio wave reflections 2—13779
radio beam, group path analysed by geometrical optics 2—23000
radio communications characteristics, accuracy of determination by means of transmission curves 2—10755
radio flickering in short waves and diffraction due to ionospheric discontinuities 2—26529
radio pulse distortion, reflected from inhomogeneous lossy plasma 2—20402
radio wave propagation time by Smith's method, estimate of accuracy 2—13762
radio wave reflection and scattering from irregularities and meteor trails 2—13775
radio waves, frequency shift 2—40998
radiowaves, ionosonde techniques, reflection, review 2—26527
Rayleigh-Gans-Born approximation, criterion of validity 2—16895
reflected radio waves, Stokes's parameters for anal. of polarization 2—22999
reflection, from linearly polarized model, with vertical magnetic field 2—23006
reflection conditions for oblique incidence through horizontally stratified ionosphere 2—40992
scattering, power spectrum 2—14325
scattering due to irregularities in magneto-ionic medium, theory using Green's dyadic 2—30935
scintillation, quasiperiodic 2—40995
scintillation studies, review 2—20358
short radio waves reflection, measurement during solar eclipse 2—13761
short wave radio propagation paths at fixed frequency 2—13760
simulation, generation of idealized surfaces 2—14340
sky-wave backscatter, review 2—40999
space communications, atmospheric inhomogeneities 2—26532
sporadic E, empirical models and prediction problems 2—4725
sporadic E-region, occurrence and movements of intense Es clouds at VHF 2—4724
starlight modulation by electron density fluctuations 2—10885
stationary phase direction in homogeneous absorbent isotropic media 2—30339
sudden frequency deviations rel. to sudden enhancements of total electron content 2—7330
topside plasma resonances, electrostatic ray tracing, plasma dispersion equations 2—10756
v.l.f., effects of X-ray flare 2—4712
v.l.f., mode theory applic. 2—30342
v.l.f. at 12 to 24 kHz, solar eclipses effects on phase behaviour 2—23015
v.l.f. noise spectrum in the Earth-ionosphere cavity, excitation by lightning discharges 2—10754
v.l.f. radio waves, heating effects, electron collision frequency 2—20998
v.l.f. radio waves, mode conversion and refraction error in Earth-ionosphere waveguide 2—40991
v.l.f. signal fadings at sunrise and sunset on transequatorial paths 2—1893
v.l.f. signals phase, effects of stellar X-rays 2—10757
v.l.f. waves, electron density horiz. gradients influence 2—20399
wave-particle interactions around lower hybrid resonance 2—30346
whistlers, magnetoguiding, longitudinal current and excitation of self trapping extraordinary component 2—30338
whistlers, quasimonochromatic packet, nonlinear modulation 2—40997

Electromagnetic waves
see also Diffraction; Reflection, etc.; Light/electromagnetic theory
acoustic waves excitation in metal plates 2—5228
beam with Gaussian irradiance distrib., use of boundary diffraction-wave theory to determ. characteristic parameters 2—34236
Cerenkov effect, monochromatic 2—23419
charged particle interaction while propagating at angle to uniform magnetic field 2—7836
charged particles, relativistic motion in plane waves with slowly changing parameters 2—7839
dioptre, macroscopic recoil, photon impulse 2—23417
EAS at zenith, u.h.f. radio pulses associated with optical Cherenkov emission 2—38340
eigenvalue distribs., edge and corner contribs. 2—33886
evanescent, Cherenkov effect and absorption-emission of energy pulse quanta 2—30903
evanescent, Fresnel, dioptre indices calc. 2—17460
evanescent, total refl. of large photon 2—20968
excitation, and delta function excitation, current distrib. 2—5298
excited by longitudinal density fluctuations of particle beam drifting in corrugated circular vacuum chamber 2—27420
field calculations around receiving antenna 2—17475
focussing, cascaded annular lens system 2—5403
geophysical prospecting, response of a rectangualr thin plate 2—27345
incident of plasma, electrostatic field excitation 2—18583
living animals emission evaluation 2—5055
long group, ageing process, rel. to extragalactic red shift mechanism 2—42
microwave emission produced by the interaction of intense relativistic electron beam with mag. field 2—17480
nonstationary TE polarized, oblique incidence on moving ionization front 2—2294
one-dimensional non uniform wave equation, soln. for movable boundaries 2—36
plane monochromatic waves on liquid surface, nonlinear attenuation 2—39366

Electromagnetic waves continued
quasi-monochromatic packets, energy relations for systems with varying parameters 2—20978
real-time measurement of microwave parameters and e.m. fields 2—20986
resonance circuit, Q-factor, microwave X-band 2—11390
r.f. effects on Mossbauer spectra, pulsed method for detection 2—19977
r.f. multiphase pseudorandom sequence, generation and props. 2—2292
in Schwarzschild field 37586 2—37586
shifts of frequency and phase in rotating ring laser 2—263
spatial correlation of normals to phase fronts 2—214
strong radiation, effect on absorption coefficient of spectral lines of atom with three levels 2—10845
u.h.f. oscillations, modulating systems, limiting conditions 2—7786
vector wave equation, decoupled formulation in orthogonal curvilinear coordinates, waveguide applications 2—23421
young incrossbred chicks exposed, growth rate reduction 2—11202
CO_2^{2-}, in anisotropic $CaCO_3$ crystal, Einstein coefficient spectra, light wave fields differences 2—801
CdS detector for h.f. electric signals using acoustoelectric surface wave field in piezo-photo-conducting crystal 2—23429

radiators
aerial, dish, 25m, steerable, control and data handling system 2—2010
antenna, arranged in parallel to cylindrical dielectric rod, theory 2—23467
antenna, cylindrical, current distrib., induced by electric field 2—5298
antenna, cylindrical, in weakly ionized plasma, radiation resistance 2—14337
antenna, h.f. radiation in absorbing medium 2—17491
antenna, microwave, monitoring with multiple channel interferometer 2—5411
antenna, near-fields calc. 2—37853
antenna calibration, interference error estimation 2—14331
antenna radiation patterns, interferometer use 2—37855
antenna system, microwave breakdown prediction models 2—7794
antenna with variable profile, reduction of parasitical signal of circular polarization using grating 2—11179
antennas, circularly symmetric retrodirective 2—16944
antennas and propagation, research achievements 2—30960
antennas and propagation, symposium, Sendai (1971) 2—14334
aperture antenna, thin plasma layer effect on near field 2—14332
aperture antennas, with circular iris, in Fresnel region, diffraction phenomena 2—14335
biconical antenna, in dielec. cavity in absorbing medium, radiation 2—30956
centre-fed loaded dipole, radiation from in warm plasma 2—35490
charged particle, transition radiation in parallel plate waveguide 2—23459
conducting body, arbitrary shape, surface current density distrib. 2—34263
conductivity meas., ground, using two-loop technique, in range 50 to 150 kHz 2—33421
dipole, e.l.f./v.l.f. radiation resist. of multicomponent magnetoplasma 2—31978
dipole, in lossy half space, Hertz vector by method of operators 2—14333
dipole, short, in hot uniaxial plasma 2—30963
dipole antenna, in space-time periodic media, radiation patterns 2—34262
dipole antenna, radiation field calc. 2—30961
dipole antenna above conducting half space. free space input impedance 2—30959
dipole in moving dispersive media 2—17490
dipole oscillators, frequency spectrum 2—11399
dipole pairs, mutual impedance analysis 2—27352
dipole radiation in stratified media, diagraphy applic. 2—22940
flanged waveguide, covered with dielectric or plasma slab 2—18617
half-wavelength slot antennas admittance when radiating into warm lossy two-layer plasma 2—30958
horn antennas, flanged sectoral, gain improvement by flange-angle variation 2—2311
layered structures, of variable thickness 2—30914
linear conductor above a laminated half space, impedance 2—7793
localized source, in anisotropic environment with directionally dependent attenuation, beam formation 2—27351
magnetic line source, with moving sheath 2—31985
microwave exposure system for biological specimens 2—20716
microwave holography application 2—18640
monopole, coaxially driven infinite, apparent admittance 2—11400
monopole antenna radiation patterns rel. to Earth's conductivity effect 2—37854
moving through anisotropic medium, Doppler effect 2—14309
one dimensional phased array antenna, beam steering using electrooptical properties of $LiTaO_3$ 2—27365
parabolic antennas, radiation pattern 2—23441
paraboloidal antenna, radiation pattern obs. using interferometer 2—17097
paraboloidal reflector, conical scalar horn illumination 2—23440
parallel plate finite line, radiation 2—17483
paraxial Gaussian beams, generating functions 2—23465
partially polarized waves, emission and detection by two channel antennas 2—23442
particles falling into black holes 2—4778
in plasma, magnetically active, quasi- electrostatic field, quasi-one-dimensional structures 2—28560
point magnetic dipoles, accelerated in circular and Keplerian orbits 2—34235
propagation and antennas, Conference, Los Angeles, (1971) 2—33486
radiation patterns, antennas near conducting triangular and square towers 2—23466
radiation patterns of infinitesimal dipole mounted on tip of perfectly conducting finite length cone 2—30964
rectangular aperture antenna with lateral diffusion, microwave breakdown predictions 2—11401
rectangular slot antennas identical pair radiating through stratified plasma with dielectric window, input admittances studied 2—8934
reflector, corner, finite-size, radiation field 2—14336
slot, field distribution 2—27359
spherical antenna, with anisotropic surfaces, combination of synthesis and analysis 2—17493
superconducting point contact junction arrays, radiation generation and detection 2—13194
Taylor patterns, circular, directive gain determination 2—30962
torsion vibration meas. of radio link antenna towers 2—6531
travelling wave external currents above perfectly conducting extending sphere 2—30957

Electromagnetic waves continued
- **radiators** continued
  - travelling-wave antenna for cyclotron wave excitation in plasma 2—12424
  - waveguide, parallel-plate, radiation into dielectric or plasma layer 2—20995
  - whip antennae, r.f. transmission between, in warm plasma 2—15463
  - wire antenna, response to buried conducting object, approximate solution 2—17492

Electromagnetism
- *see also Electrodynamics; Magnetic monopoles; Quantum electrodynamics*
- charge to mass ratio of electron meas. using magnetic field of a flat circular coil 2—14357
- classical field, propagation, uniqueness of future values 2—196
- cylindrical coil, mag. field components, closed-form expressions 2—7831
- dipole relaxation, weak and strong elec. fields 2—23420
- electric dipole moment of moving magnetic dipole, application to atomic spin-orbit interaction 2—194
- electric quadrupole in axially symmetric elec. field, spin precession, comparison with mag. dipole 2—27343
- e.m. energy confined to finite volume, inertia and passive gravitational props. rel. to principle of equivalence 2—37833
- e.m. theory, fundamental phenomena, mathematical analysis, system science, book 2—37839
- energy-momentum tensor of system of charged particles 2—2346
- Green functions for poisson fields, in heterogeneous media 2—37837
- induction in two thin half-sheets, coast- line effect 2—20421
- lossless bianisotropic media 2—30906
- magnetic dipole in uniform mag. field, spin precession, comparison with elec. quadrupole 2—27343
- magnetic fields, special relativity and potential theory, book 2—37838
- Maxwell's eqn., for convex surface, perfect conductor 2—37846
- Maxwell's eqn., in plane stratified dielectric layer, soln. 2—30912
- Maxwell's eqns., relativistic soln. for class of conservative flow fields 2—30905
- Maxwell's equations, spinor approach 2—198
- Maxwell's generalized eqn., from e.m. field theory 2—23425
- Maxwell eqn. difficulties and paradoxes 2—5284
- Maxwell equations, in Schwarzchild gravitational field 2—11268
- Maxwell equations, macroscopic, derivation for relativistic corrections for spin and spin-orbit interactions 2—5286
- Maxwell equations, relationship with Dirac equation 2—17226
- Maxwell equations in differential manifold devoid of metric and affine struct., relation with gravitation 2—59
- Maxwell equations rel. to possibility of guided gravitational waves 2—7648
- MHD channel, e.m. processes in 2—939
- momentum, definition and derivation from Maxwell's equations 2—37835
- polarizable medium at radio and l.f. 2—30907
- proximity effect in systems of small wire conductors 2—37834
- quadrivector of polarization, associated Σ^{pq} tensor 2—34232
- Rayleigh hypothesis, modified, mode-matching method 2—17468
- rectangular coil moving above cond. slab, lift and drag forces 2—30985
- semiconductor, nonlinear optical phenomena, rel. to free carriers, Maxwell's eqns. 2—36484
- spatially dispersive medium, Maxwell equations, exact soln. of reflection and refraction 2—29891
- spatially dispersive medium, mode coupling and exciton polarization 2—29892
- sphere, eddy currents induced by coil of any shape, theory 2—23428
- time-domain methods for buried conductors 2—33422
- time-variable magnetic fields, interaction with oscillating nonrelativistic particles 2—199
- unit systems, MKSA-formulation, general form of Maxwell's equations 2—27344
- van der Waals forces, asymptotic retarded, derivation from classical electrodynamics with classical e.m. zero-point radiation 2—30987

Electromagnets *see Magnets*

Electromechanical effects *see Electrostriction; Piezoelectricity*

Electrometers *see Electrical measurement*

Electromotive force
- of ferromagnetic film, determ. associated nonlinear differential equations 2—26046
- h.f. voltages meas. by e.p.r. and n.m.r. 2—27386
- induction e.m.f. method for meas. electrostriction coefficients of dielectrics 2—34277
- kilovoltmeters, electrostatic, a.c. and d.c. performance characteristics 2—21006
- l.f. voltage sensing by Josephson effect devices 2—29647
- ponderomotoric forces acting on a medium in arbitrary and variable e.m. fields 2—37835
- potential distribution and ionic charge near equipotential sphere moving in low density plasma 2—24686
- thermal, epitaxial films, det. using probe 2—17508
- $AgNO_3$ melts, rel. to determination of thermodynamic properties 2—21980
- GaAs, high voltage microwave e.m.f. 2—29668
- HCl solutions in formamide, rel. to relative partial molal heat capacity and enthalpy of HCl 2—28834
- $LiNO_3$-$AgNO_3$ melts, rel. to determination of thermodynamic properties 2—21980
- $NaNO_3$-$AgNO_3$ melts, rel. to determination of thermodynamic properties 2—21980
- V-O solid solution, thermodynamic props. study 2—25602

Electron affinity *see Atoms; Ionization; Molecules; Solids*

Electron annihilation *see Electron pairs/annihilation*

Electron avalanches *see Breakdown, electric*

Electron beams
- *see also Electron optics; Particle accelerators*
- accelerating high-current beam interaction with external mag. fields 2—7843
- acceleration, transport and deceleration, recuperation of energy obs. 2—21026
- acceleration in cylindrical circular superconducting cavity operating in TM_{010} mode 2—5615
- from accelerator, 70 GeV IFVE, effects of nonlinear resonances on dimensions 2—27928
- amorphous solid targets, electron penetration and retardation 2—9910
- in axially symmetrical fields, transverse waves conversion 2—2348
- backscattering by large targets, energy spectrum 2—13061

Electron beams continued
- blow-up and loss 2—18036
- brazing of stainless steel components of medical instruments 2—1356
- bremsstrahlung, Cherenkov radiation, transition radiation in thin foil 2—16073
- for cathodoluminescence investigs., vacuum apparatus 2—17549
- coherence effects and interaction with positron beams 2—18056
- collective effect acceleration 2—248
- combination of intense relativistic beams in Z pinch 2—15466
- contrastreaming instability in a one-dimensional finite-length system 2—12446
- crossed field injection, into high homogeneous mag. fields 2—21028
- crystal interaction, ergodic approach 2—22438
- crystals, fast electron scatt., destructive interference 2—36376
- cyclotron harmonic wave instability 2—34317
- deflection, current-density redistribution in cross section 2—23534
- dynamics of intense relativistic beam in a longitudinal magnetic field 2—23528
- electron-ion rings, resonant coupling of transversal oscillations due to polarization 2—14735
- electrostatic self-focussing of streams 2—30998
- electrostatically self focusing streams, potential profile and energy distribution meas. 2—7850
- energy, absolute meas., coincidence method for scattering expt. 2—2642
- evaporation sources, for thin film production, characteristics obs. 2—1167
- field emission source prod. by oxygen-enhanced thermal- field shaping method 2—30994
- filamentation in strong mag. fields 2—39188
- focusing, lens system 2—14387
- focusing, nonparaxial electrons, with inhomogeneous mag. field 2—37901
- focusing in millimeter wave tubes using lightweight permanent magnet $SmCO_5$ 2—21032
- formation in magnetic field 2—7845
- grid controlled high powered guns, literature survey 2—247
- gun, computer-controlled, pulse response improvement 2—23527
- gun, high-current pulsed, based on an ELIT-1 accelerator 2—23526
- gun, Varian, graphite insert for evaporating small samples 2—27425
- Gun with crossed fields, design 2—23529
- guns, low energy, effect of space charge 2—21036
- helical, trajectory calculation 2—7844
- h.f. beam-instability in relatively short beam- plasma system 2—28644
- high intensity, stability 2—30995
- high-current, focusing in linear induction accelerators, numerical study 2—249
- hollow cathode glow discharge application to electron guns 2—37899
- instability in inhomogeneous medium 2—37895
- intense relativistic, concentration and guidance 2—11436
- intensity limits and beam quality in recycled electron linac 2—14821
- ionizing, in quadrupole mass spectrometer, dependence of form of mass peaks on conditions of beam introductions 2—21483
- low velocity, coherent oscillation, obs. 2—17544
- low-current relativistic beam equilibria, current profile, energy distribution 2—24661
- machine combined with electron mirror microscope 2—23525
- magnetized, nonlinear interaction of electromagnetic waves 2—12381
- magnetospheric plasma, stability of beam injected along magnetic field 2—20361
- merging beam technique of ionization of positive ions by electrons 2—38822
- merging electron-ion beam expt. (MEIBE), electron ion recombination and detachment processes studied 2—11438
- metal, low energy positron and electron absorpt. 2—29570
- modulated, behavior in drift space and applic. to dimensional measurements on spacecraft 2—27423
- modulated by plasma, nonlinear bunching 2—251
- monitor, coaxial transmission line, fine structure obs. 2—27926
- monoenergetic for thickness meas. of films 2—37555
- monokinetic in field of cylindrical condenser 2—2351
- nonmetallic crystal, electron stopping, exciton mechanism 2—6700
- optical brightness, relativistic corrections 2—17548
- parallelness monitoring using Moire patterns 2—17546
- in periodic waveguide, stability 2—246
- plasma, instability obs. 2—3242
- plasma cathode-ray guns, peculiarities 2—17545
- polarization, influence of external e.m. field 2—17536
- polyhelical, interaction with fast TH- and TE-waves, of cylindrical waveguide 2—27361
- positron interactions, non-linear space charge effects 2—18037
- production, with point cathode, application of approx. method for calc. of electrostatic fields 2—221
- proper fields, autoacceleration of particles 2—14812
- pulsed, energy diagnostics using passive calorimeter 2—37832
- pulsed, parameter obs. with magnetic spectrometer 2—18002
- pulsed relativistic, interaction with spatially modulated magnetic field, microwave emission 2—17480
- pumping of u.v. lasers 2—34381
- quantum mechanical modulation, in solid by plasmons 2—14386
- radiography, electron beam depth dose curves, surface ionization ratio for 3 to 11 MeV 2—37451
- radiography electron beam depth dose curves, theoretical and experimental curves for 3 to 11 MeV 2—33790
- Ramsauer effect, exptl. demonstrations 2—7637
- ranges and transmission, geometry effects 2—40116
- recirculation in linear accel., energy boost 2—14822
- redistribution of beam on encountering object 2—7847
- relativistic, intense, expansion in preionized gas 2—11440
- relativistic, noise invariants 2—2349
- relativistic, production of rotational annular beams using cusped magnetic field 2—21029
- relativistic, self consistent neutralized, toroidal configuration 2—15465
- relativistic electrons, anal. of radiation induced by plane e.m. monochromatic wave 2—27419
- r.f. defocusing, prevention of 2—17552
- rings, radiation reaction force on passing through accelerator 2—14806
- rings, relativistic, radiation loss passing through periodic structures 2—14818
- scanning and rotation, collective acceleration of ions 2—14811
- scattering by lattice site, model for blocking effect 2—9904
- Schwarz-Hora effect, energy monochromaticity and Langmuir brightness relation 2—23524

Electron beams continued
- Schwarz-Hora effect, energy spread structure and Langmuir brightness relation 2—21025
- Schwarz-Hora effect, quantum mechanical bunching 2—14385
- Schwarz-Hora effect, theoretical consideration 2—7842
- Schwarz-Hora effect, theory 2—11437
- Schwarz-Hora effect, theory 2—37896
- Schwarz-Hora effect, use of relativistic energies 2—5328
- Schwarz-Hora effect 2—2350
- simple system for teaching and research 2—7846
- slow positron, development 2—2353
- slowing down electron bunch system conductivity determ. as function of synchronous energy at given bunch characteristics 2—24122
- solid, energy dissipation vs. penetration distance 2—13064
- solids, slowing-down-cascade spectra 2—19475
- source monoenergetic, trochoidal monochromator, characteristics det. by calc. by electron energy distrib. 2—34316
- sources, high current, for electron ring accelerators 2—14892
- spin-polarized, produced by low energy electron scattering in a gas 2—11439
- stability in a plasma, problem of critical currents 2—3246
- stopping power of matter for charged particles, contrib. of surface losses 2—36377
- superhighfrequency noise signal modulation, plasma-electron beam system 2—39106
- thermionically emitted, energy distrib. meas. 2—27424
- trajectories, reanalysis in 127° cylindrical spectrometers 2—21318
- transition metal-aluminium alloy films, energy losses 2—6704
- transition metals, charact. energy loss spectra, theory 2—6743
- TREE, test fixture design, control unit, electron radiation shielding, r.f. shielding 2—8414
- vacuum-to-air transmission through Ni target 2—1443
- video recording source, using LaB$_6$ emitter 2—2352
- welding cavities, flash radiography 2—25551
- welding of titanium alloys to niobium alloys 2—19254
- welding of vacuum vessels 2—7630
- X-ray photoelectron spectroscopy, use of electron flood gun to reduce surface charging 2—21030
- Ag, radiation emission 2—4085
- Ag films, paratransmission 2—22440
- Au films, charact. electron energy loss spectra, collective surface oscillations 2—16124
- Au films, paratransmission 2—22440
- Be, ang. and energy distrib. of inelastically reflected electrons 2—9911
- C, energy distrib. of transmitted electrons 2—36373
- CO$_2$ laser media, at high pressure, elec. discharge control 2—17593
- CdTe, optical modulation of electron landing energy 2—22554
- Co, electron energy loss spectra, low energy peaks, oxide effects 2—29583
- Cr, charact. electron energy loss spectra, plasma losses 2—19526
- Fe, electron energy loss spectra, low energy peaks, oxide effects 2—29583
- Ge films, paratransmission 2—22440
- KH$_2$PO$_4$ electronic beam-light modulator 2—7964
- Mg, energy distrib. of transmitted electrons 2—36373
- MgO, channelling 2—29576
- Mo, charact. electron energy loss spectra during oxidation 2—9250
- N$_2$, fluorescence, investigation of rotational states due to hypersonic shock wave 2—39265
- Ni, electron energy loss spectra, low energy peaks, oxide effects 2—29583
- NiO cathodes, pressed porous, for production 2—21027
- Pb, ang. and energy distrib. of inelastically reflected electrons 2—9911
- Pb, energy distrib. of transmitted electrons 2—36373
- Si, optical modulation of electron landing energy 2—22554
- Ti, charact. electron energy loss spectra, plasma losses 2—19526
- V, charact. electron energy loss spectra, plasma losses 2—19526

absorption *see Electrons/absorption*

effects
- *see also Beta-rays/effects*
- adatoms, on W, ionization by electron impact 2—29072
- alkali halides, F-centres, spatial distrib., surface polygonization 2—39714
- band structure, quasielastic electron knock-out study 2—25721
- biological molecule, electron microscopy, in situ damage 2—8838
- breakdown in vacuum discharger, conditions 2—32132
- collisionless relaxation in plasma of ultrarelativistic beam 2—24696
- deformation of thin rings by pulsed beams, numerical predictions 2—34046
- desorption, electron impact induced, rel. to vacuum system metals 2—39544
- desorption, slow electron impact induced, primary excitation process 2—39567
- desorption from gas covered surfaces, review 2—39543
- dielectric, effect of MeV electron injection 2—25921
- discharge initiation in high pressure gas 2—24892
- DNA, free radical formation, computer controlled e.p.r. obs. 2—22880
- elasticity modulus and internal friction, cryostat for meas. during low temp. irrad. 2—22319
- excitation of kinetic plasma instability by almost monoenergy beam 2—21831
- excitation of molecular ions, and collisional deactivation rates determ. 2—31877
- excitation of plasma oscillations, nonlinear theory 2—39161
- film deposition 2—3517
- glass, charge transfer 2—22053
- glass, multicomponent silicate optical, radioluminescence 2—4519
- glass surface, cryst. growth due to bombardment 2—39437
- graphite, electron microscopy, in situ damage 2—9524
- graphite, low temp. irrad., Young's modulus and internal friction 2—22259
- graphite, pyrolytic, irrad., atomic displacements 2—15738
- He ionization cascades for electrons of $E \leqslant 2.5$ KEV, calc. of mean energy of electron ion pair formation, Fano coeff. and photon and electron spectra 2—21866
- ice, irrad., induced voids 2—39672
- interaction with plasma, effect of h.f. electric field 2—28633
- ion acceleration by intense electron beams, collective ion acceleration model 2—34845
- ion beam production and acceleration by intense relativistic electron beams 2—34844
- ion heating in plasma 2—18587
- ion production, heavy highly charged 2—5625
- ionization of background gas by weak relativistic beam 2—15496
- ions acceleration by intense electron beams 2—34846

Electron beams continued

effects continued
- laser pumping, two-dimensionally scannable 2—7936
- laser scanning, with electron excitation 2—27503
- on logic circuits, TTL, radiation hardened response 2—18019
- magnetic mirror trap, reversal of axial mag. field 2—3221
- metal, b.c.c. and f.c.c., point defect prod. and recovery 2—15745
- mica charge accumulation, path length 2—36587
- mica film. radiation damage, elec. and mech. stability 2—9258
- monochromatic wave excitation during injection of electron beam into plasma 2—15461
- multipactoring process in cavities of particle accelerators 2—5618
- nonlinear interaction with plasma, phase focusing 2—32101
- optical pumping of GaAs and CdS lasers 2—17640
- organic crystals, low temp. study of radiation damage prod. by 100 keV electrons 2—25383
- organic insulating materials, discharge figures, polymer breakdown 2—25922
- photodesorption and electron impact desorption from metals, threshold energy and mechanisms 2—6361
- photographic materials, 60 keV beam used to determ. properties for use in electron microscopy 2—23734
- plasma, in mag. field, excitation of longitudinal oscill. 2—1001
- plasma, interaction with highly energetic beam 2—18594
- plasma, ion cyclotron heating 2—18655
- plasma, oscillation distribution function fine structure 2—28632
- plasma, relativistic beam injection, induced and transitional fields and currents 2—21776
- plasma, semicond., helicon amplification and interaction 2—40154
- plasma beam discharge, heating of electrons 2—3198
- plasma crossed field instabilities driven by electron beam produced radial d.c. electric field and ion reaction 2—24820
- plasma h.f. instabilities, nonlinear phenomena 2—24818
- plasma interaction, electron distrib. function oscills. 2—35556
- plasma interaction, spiralling, electrostatic instability 2—39191
- plasma interactions using Marx generator technology 2—39091
- plasma ion wave excitation 2—21840
- interaction with plasma surface waves, cylindrical geometry 2—21786
- plasma transverse instability, role of return currents due to relativistic beams 2—8986
- plasma wave interactions, effects on instabilities and wave transformation, nonlinear theory 2—24806
- on plasma waves, of relativistic and non-relativistic beams, non-linear effects 2—24805
- plastic, induced conductivity, carrier mobility detn. 2—22543
- Plexiglas, charge exchange 2—29760
- polycarbonates, irrad., proton spin-lattice, relax., obs. 2—10280
- polyethylene, long term strength characts. 2—39811
- polyethylene irradiated at 4°K, effect on i.r. spectra 2—29924
- polyethylene terephthalate films, anomalous induced transient cond. 2—32995
- polymer, insulating, induced cond., bulk excitation 2—25808
- polystyrene, induced cond., bulk excitation 2—25808
- propagation of relativistic beam into neutral gas, determ. induced return current 2—12513
- pyrazine, electron impact spectra 2—28403
- pyridazine, electron impact spectra 2—28405
- pyrimidine, electron impact spectra 2—28404
- rare earth oxides, dielectric film formation by vaporization 2—29017
- relativistic, application to Astron-type experiments 2—21809
- Schwarz-Hora effect, treatment as one-electron quantum mechanical phenomenon 2—6707
- semiconductor, group II-VI and III-V cpds., displaced atomic species 2—6487
- solar cells, Li-containing, damage and recovery characteristics 2—21013
- solid interactions, 1 to 100eV, energy loss due to plasma excitation 2—1444
- solid target, energy loss fraction backscattered electrons 2—9909
- space-charge wave propagation, bounded electron beam 2—27422
- stainless steel, electron impact induced sorption of CO and S 2—39558
- steel, stainless, irrad. enhanced precip. 2—39931
- stilbene derivatives, thin films, bombardment in electron microscope, 3×10^{-7}-3×10^{-6} amps, structure determ. 2—19065
- stochastic acceleration of ions, nonlinear theory 2—7899
- synchrotron and betatron instabilities of stored electron and positron beams 2—14839
- thermonuclear fusion, plasma heating by relativistic electrons 2—24654
- thymine, free radical formation, computer controlled e.p.r. obs. 2—22880
- s-triazine, electron impact spectra 2—28416
- velocity diffusion in an electron beam-plasma interaction 2—18637
- void formation during irradiation, theory 2—25365
- wave growth in a large unmagnetized electron beam-plasma system 2—18671
- welders and evaporators, parasitic radiation meas. 2—557
- Ag-Zn alloy, radiation enhanced diffusion 2—3817
- Ag-Zn cold-worked alloy, irrad. enhanced diffusion 2—9614
- Ag films, transition radiation ang. distrib., reson. behaviour near plasma freq. 2—33229
- Al-Cu alloy, coherency loss of θ' precipitates, irrad. effects in microscope 2—12966
- Al, band struct., quasielastic electron knock-out study 2—25721
- Al, elec. irrad. damage in h.v. elec. microscope, defect cluster growth 2—32491
- Al, irrad., recovery, stage III 2—6473
- Al, zone melted, prod. and disappearance of point defects 2—9519
- Au-(15 wt.%)Ag alloy, static crowdion behaviour, resist. obs. 2—15754
- Au-Ag alloys, irrad. effects on diffusion 2—39737
- BaSi$_2$O$_5$:Pb, electron beam ageing 2—26247
- CO, inner shell electrons, ionization by 10 keV electron as function of energy loss 2—39195
- CO$_2$, laser at pressure of 15 atm. excitation by electric field and electron bombardment 2—27471
- CO$_2$, solid, electron bombardment effects on sorptive characteristics 2—3556
- CaF$_2$:Ho^{3+},Nd^{3+}, irrad., elec. resist. 2—10007
- CaF$_2$, cathode ray coloration in Mn- and Ce:Mn doped crysts. 2—12787
- Cd, atomic displacement, subthreshold events, at liquid He temps. 2—1234
- Cd, low temp. elec. irrad. damage and recovery, elec. resist. study 2—39669
- CdTe, broad band cathodoluminesc., elec. irrad. effects 2—29990
- n-CdTe, defect level changes, photoconductivity spectra obs. 2—36537

Electron beams continued
effects continued
n-CdTe, irrad. defects, annealing, photocond. obs. 2–15739
Co, valence electrons, ionization by 10 keV electrons as function of energy loss 2–39194
Cu-Be alloy, h.v. electron microscopy, in situ damage, temp. and impurity effects 2–22183
Cu, band struct., quasielastic electron knock-out study 2–25721
Cu, Frank loops, growth and form. vacancy and interstitial absorpt. 2–3789
Cu, h.v. electron microscopy, in situ damage, temp. and impurity effects 2–22183
Cu, irrad., defect prod. rel. to lattice parameter/resistivity change ratio 2–15740
Cu, irrad., dislocation pinning 2–9560
Cu, radiation-induced hardening after deform. by rolling 2–39898
Cu, single cryst., radiation damage 2–9532
Fe-Ni alloys, irrad. effects on mag. props. 2–29818
GaAs, low resistivity, effect on carrier lifetime 2–36508
GaAs, optical props., band edge density of states detn. 2–29916
GaAs, spon. emission, intensity depend. on excitation level 2–4521
p-GaAs laser pumping, wavelength tuning effects 2–14431
GaAs laser threshold and power characteristics 2–27516
GaAs p^+-n solar cell, irrad., capacity and defect levels 2–29775
GaAs photodiode, I-V and spectral characts. 2–36620
GaP:B, radiation damage centre 2–29167
Ge, elec. and photoelec. props., influence of temp. 2–19685
n-Ge, electron irrad., E_c-0.2 eV level, isochronal annealing effects 2–22560
Ge, irrad.-induced defect form., light sensitivity 2–12749
Ge, irrad., p-i-n struct. form. 2–25888
Ge, irrad., p-i-n struct. form. and s.c.l. current 2–25889
Ge amorphous film, energy loss spectra of 25 keV electrons, two phonon excitation 2–19481
Ge film, amorphous, crystn. 2–40286
He, superfluid, dynamics of atomic and molecular metastable states produced by electron bombardment 2–32299
He, superfluid, u.v. emission spectrum on electron bombardment 2–12604
Hg, excitation of the 6^3P_1 and 6^3P_0 levels in a Na-Hg vapour mixture 2–28193
KBr:KI, colour centre prod. rates 2–32555
KCl, irrad., F-centre prod. efficiency 2–6507
KCl, pure and I^- doped, F- and V-centre form., irrad. intensity effects 2–22230
KCl, radiation annihilation of F-aggregate centres 2–32554
Kcl, irradiation damage, dislocation loops 2–12750
Mg, irrad. damage, recovery and annealing 2–36012
MgO, cleaving in electron microscope 2–25309
N_2, inner shell electrons, ionization by 10 keV electron as function of energy loss 2–39195
N_2, valence electrons, ionization by 10 keV electrons as function of energy loss 2–39194
NH_3, liquid, elec. cond. 2–28890
$Na_4Al_3Si_3O_{12}Cl$, sodalite, doped, effect on u.v. refl. spectra 2–22806
NaCl, F- and X-centre prod. 2–6506
Nb, single crystal, emission of bremsstrahlung photons, 1 BeV electrons and positrons 2–13498
Nd_2O_3, monoclinic to hexagonal transformation, martensitic character, electron microscope and diffr. exam. 2–4000
Ni, Ni-Cu alloy, radiation damage in 500 kV microscope, dislocation loops 2–1238
Ni, point defect cluster formation in h.v. microscope 2–19069
Ni_3Mn alloy, irrad. induced disorder 2–22373
O adsorption and desorption on Ni by electron impact 2–6373
PbTl, on CaF_2 substrate, during epitaxial growth 2–1181
Pt/H system, electron impact desorption, active site obs. 2–39562
Pt, dislocation, point defect interactions, pinning depinning, anelastic effects 2–1239
Re, irrad., low temp. recovery spectrum 2–15744
α-S, irrad., carrier generation, temp. and field depend. 2–36515
Si:B, irrad. damage 2–22178
p-Si:B, subthreshold irrad. effects 2–12752
Si:B,Au, annealing, elec. cond., Hall effect 2–10070
Si:Li, radiation-induced extrinsic photocond. and radiation damage 2–25958
Si/spinel, heteroepitaxial, carrier recomb. and trapping, transient response to elec. irrad. 2–25860
Si, amorphous film, energy loss spectra of 25 keV electrons, two phonon excitation 2–19481
Si, irrad., isothermal annealing of luminesc. 2–10428
Si, low temp. irrad. effects, a.c. hopping cond. 2–29170
Si, p-n junction, carrier generation, model 2–40295
Si, radiation-induced absorpt. bands, piezospectroscopic obs. of group V–defect complex 2–16499
Si, radiation damage, photocond. obs. 2–25959
Si, single crystal, emission of bremsstrahlung photons, 1 BeV electrons and positrons 2–13498
Si film, vapour deposited, struct. rel. to electron beam irrad. of substrates 2–39524
Si junction transistors shot noise 2–13286
Si n-p-n planar transistor, surface effects and bulk damage 2–10094
Si photodetector, for satellite appl., radiation damage 2–25967
Si surface barrier detectors, effect on operating characteristics 2–38375
SiC, photoluminesc. of radiation defects 2–33309
Si_3N_4, charging, elec. corona streamers, fossilization 2–39220
Si_3N_4 layers 2–1561
SiO_2, fused, optical absorpt., irrad. effects 2–15785
Ta, 4.5 K, study of spontaneous recombination and Frenkel defects prod. 2–22195
Ta, Frenkel pair prod. under irrad., threshold energy anisotropy 2–25388
Ti, irrad., threshold energy for atomic displacements 2–25382
W, vacancy formation and clustering 2–3764
Xe, liquid, stimulated emission vacuum u.v. region 2–28865
Zn, rad. induced stress relax., yield point deform. resist. 2–25506
ionization *see Electrons/ionization*

Electron capture *see Ions/recombination; Radioactivity/electron capture*

Electron density
in accelerators, e.m. impulse, determ. using quadratic Stark effect 2–2653
alkali metal plasma, spectroscopic meas. 2–15472

Electron density continued
atmosphere, recording of additional fluxes after magnetic disturbances 2–22983
auroral luminosity in substorms, rel. to magnetic disturbances 2–22994
avalanche growth towards isolated sphere corona onset 2–35631
coronal condensation of 10 September 1970, photometry and emission lines 2–26932
coronal maps for 7 March 1970 from MgX λ625 spectroheliograms 2–41249
D-region, by incoherent scatter technique at Millstone Hill 2–37208
D-region, diurnal and seasonal variation under quiet conditions 2–33540
D-region, survey on available information 2–33539
E-region, by incoherent scatter technique at Millstone Hill 2–37208
E-region, survey on available information 2–33539
electrostatic probe determ., effect of negative ions 2–8945
equatorial electrojet, structure of electrical conductivities and electrostatic field within 2–20394
ferroelectrics, effective density as function of temp. 2–6879
galactic clusters with stars O5 to B9 2–17006
gas density and electron mobility 2–21871
H I regions, det. from r.f. recombination lines 2–4901
He like ions ratio of line intensities as density indicator 2–20710
high β plasma, confined in canted mirror, hot electron equilibrium 2–39145
high space charge, free electron physics, book 2–17831
high temperature plasma under current heating in high-shear Uragan stellarator 2–24674
inert gas plasma, use of bremmstrahlung continuous spectrum for diagnostics 2–35531
injection laser, threshold current density and radiation pattern 2–27460
interplanetary, 1.5-10Ro, inferred from observations of rotor corona 2–26870
interplentary plasma, agreement between space-probe and radio scattering observations 2–14007
interstellar, fluctuations, effects on Faraday rotation and signal dispersion 2–13923
interstellar fluctuations effects on Faraday rotation and signal dispersion 2–13924
interstellar medium, mean and mean square 2–10917
ion sound waves, growth rates in constant electric field 2–39111
ionised air in front of shock wave, meas. of microwave resonant technique 2–28539
ionosphere, at sunspot maximum 2–13769
ionosphere, conjugate photoelectron obs. during total solar eclipse, rocket obs. 2–33523
ionosphere, D and lower E region, determination using parameter f_{min} 2–33530
ionosphere, D- and E-regions, global morphology 2–4721
ionosphere, D-region, electron loss coefficients from rocket measurements during solar eclipses 2–33532
ionosphere, D-region ledge, changes during 1970, March 7 solar eclipse 2–33531
ionosphere, discussion of Ross second-order equation 2–20406
ionosphere, distribution irregularities, obs. from Faraday rotation obs. of v.h.f. signals from satellite 2–16898
ionosphere, during interaction of charged particle fluxes with atmosphere 2–30349
ionosphere, E-region, effect of horizontal winds at night 2–4736
ionosphere, fluctuations, power spectra 2–10760
ionosphere, horiz. gradients influence on v.l.f. wave propag. 2–20399
ionosphere, latitudinal evolution 2–16897
ionosphere, measurement by rockets, relation to wind shear and sporadic E-region 2–4727
ionosphere, near equatorial anomaly during half solar cycle 2–4714
ionosphere, quasiperiodic disturbances, effect on geomag. variations 2–33519
ionosphere, sporadic E-region, relation to vertical ionization movements 2–4728
ionosphere, sporadic F-region, vertical sounding data 2–10769
ionosphere, sudden enhancements, rel. to sudden frequency deviations 2–7330
ionosphere, theory of 24.5/73.6 MHz c.w. propagation expt. 2–16906
ionosphere, variations and associated thermiospheric winds during storm 2–41001
ionosphere, vertical profile, det. of reaction rate coeffs. 2–13768
ionosphere and inhomogeneous cloud structure det. from Doppler shifts of coherent radio frequencies 2–30352
ionosphere D-region, below 100 kilometers at midlatitude during solar minimum and maximum years 2–37215
ionosphere D-region, fluctuations, effect on N(h) profiles 2–23016
ionosphere E- and F-regions, total solar eclipse effects, ionosonde and Faraday rotation 2–33545
ionosphere E-region, below 100 kilometers at midlatitude during solar minimum and maximum years 2–37215
ionosphere E-region, vertical velocity distribution and formation of electron density irregularities 2–37214
ionosphere electron content meas. Faraday effect 2–20407
ionosphere F_2-layer and topside, disturbances, during magnetic storm 2–23025
ionosphere F_2-region, effect of vertical drift on vertical distributions 2–23026
ionosphere F-region, neutral wind obs. during solar eclipse 2–33549
ionosphere F-region, random fluctuations 2–10766
ionosphereic D-region, role of H_2O vapour and NO in obs. 2–7338
ionospheric, nighttime changes during geomag. storms 2–23009
ionospheric, nonperiodic irregularities 2–13774
ionospheric charged particle concentrations during 1966, November 12 solar eclipse, rocket measurements 2–33521
ionospheric D-region, during magnetic storm 2–7335
ionospheric D-region, obs. during sunrise 2–7340
ionospheric D-region, profiles deduced from sudden cosmic noise absorptions and v.l.f. phase and amplitude 2–13776
ionospheric E- and F-regions, enhancement during solar flares 2–13782
ionospheric E-region, distortion at magnetic equator by Sq current system 2–41008
ionospheric F-layers, comparison of North and South polar 2–13787
ionospheric F-region, daytime polar, latitudinal cross sections 2–20415
ionospheric F-region, scintillations rel. to OI 6300 Å airglow line intensity 2–16882
ionospheric F-region, variations during solar eclipse 2–33550

Electron density continued
ionospheric F-region in and north of auroral zone, low energy electron precipitation 2—30324
laser interferometric method, measurement in stabilized plasma 2—32049
metal tube discharge, probe measurement 2—3256
meteor trails and effects of multicomponent composition of meteorites on radio reflection 2—33753
night-time F layer, 6300 A quantum efficiency of recombination mechanism 2—20417
nonequilibrium plasma 2—35469
nonequilibrium viscous shock layer of blunt body in plasma 2—24705
plasma, CO_2 laser absorpt. and interferometry method 2—15473
plasma, comparison of Langmuir probe with microwave interferometer and cavity meas. methods 2—35527
plasma, continuous obs. using cavity resonators 2—32047
plasma, det. by Faraday splitting of laser modes 2—35542
plasma, det. using laser light scattering, in e.m. shock tube 2—35540
plasma, direct-display meter 2—8956
plasma, distribution function, deformation under influence of large amplitude wave 2—28529
plasma, electron density distribution, curvature radius, calc. 2—15453
plasma, electron-beam-generated, mag. field confined, density and radial variations 2—31955
plasma, e.m. scatt. by density space time fluctuations 2—3207
plasma, h.f. discharge obs. 2—983
plasma, influence on products of reactive cathodic sputtering of Cu in O_2 2—3527
plasma, i.r. Schlieren interferometer for meas. 2—21822
in plasma, laser interferometer study in resonator 2—3227
plasma, laser produced 2—35528
plasma, meas. in cylindrical microwave cavity resonators, influence of discharge tube configuration 2—32038
plasma, multimode cavity meas. 2—15477
plasma, profiles determ. from Tonks-Dattner reson. 2—8955
plasma, relativistic, resonance states of total charge density 2—24643
plasma, short theta pinch, refractivity obs. using laser interferometry 2—23686
plasma, transient diagnostics technique using simultaneous CO_2 laser interferometry and absorpt. 2—15471
plasma boundary layers, meas. 2—24767
plasma equilibrium turbulent boundary layers, mean and fluctuating electron density 2—28526
plasma in TUMAN-2 assembly, det. by laser radiation scattering 2—32039
plasma meas. using Langmuir probes from cross spectrum of thermal density fluctuations 2—12410
plasma source, laser interferometer measurement in the jet 2—28594
plasma torch jet, effect of flow rate of stabilizing gas 2—35520
solar corona, from K-corona intensity in condensations 2—5019
solar corona, spectral line obs. 2—30604
solar corona due to O VII and Ne IX deduced from spectrum 2—11146
solar coronal X-ray features, electron temperature and density, 3-60 Angstroms 2—26885
spatial plasma diffusion in magnetic field, anomalous contribution of l.f. fluctuations 2—24668
stratospheric-ionospheric interaction during planetary wave movement in Jan 1967 2—33525
topside ionosphere during magnetic storms 2—41003
Ar plasma, shock produced, electron density profiles, ioniz. relax. 2—24768
CO_2 mixtures, influence of lasing on electron energy distribution 2—3248
Cs afterglow, obs. of recombination and diffusion mechanisms 2—24841
CsI determ. of electron density of an ionized plasma 2—12367
Cu vapour arc, stabilized, spectral obs. 2—24939
GaAs, rel. to photocond. 2—25954
H afterglow one dimensional numerical model for prediction 2—24698
H_2 plasma, h.f. discharge obs. 2—987
HCN, pulsed 337 μm laser, obs. 2—23590
He-Cd positive column laser discharge 2—28666
He, plasma, decaying, electron conc. meas. 2—980
He, plasma, deduction from width of He II λ=3202 Å line 2—28188
He discharge, for varying gas pressures 2—24702
He gas, electron swarm motion across uniform electric fields 2—32143
He hollow cathode discharge, spectroscopic investigation 2—28660
He pulsed discharge, electrical and optical measurements 2—35601
Hg-rare gas discharge, strongly modulated, nonlinear effects 2—15507
Hg discharge tube, low pressure, anode side of electrical double sheath, ionization degree meas. 2—8924
Hg positive column, axial electron density gradients 2—15508
LiI, determ. of electron density of an ionized plasma 2—12367
Na plasma, thermally ionised, collisionless, det. from propagation and damping of small amplitude electron and ion waves 2—21841
Ne-He afterglow, decay after cataphoresis 2—24677
Si film, on sapphire, elec. props. depth variation, m.o.s. Hall technique 2—19688
U plasma, continuum source applic. 2—14487
Xe flash lamps, electron concentration patterns 2—28681

Electron diffraction
see also LEED
coherent, by standing light waves 2—17551
rel. to electron channelling 2—35969
Fresnel diffraction of an edge 2—7863
phase distribution in diffraction plane of microscope 2—7858

Electron diffraction crystallography
see also Debye-Waller factors; Crystal structure, atomic; LEED
background contrast in convergent beam patterns 2—12711
Bethe theory used to calculate reflected intensities for medium and high energy electrons 2—29117
Borrmann contrast, theory 2—22205
camera improvements including hard shutter and closed light film holder 2—39606
computer analysis, transmission selected area diffr. patterns 2—9403
dynamical interaction of electron waves in perfect single crystal 2—29118
dynamical theory, correspondence with X-ray dynamical theory via Schrodinger wave eqn. 2—3617
dynamical theory, integral equation formulation, derivation of expressions for distorted crystals 2—29119
dynamical theory, rel. to secondary electron emission rocking curves 2—22661
faulted crystal, many beam dynamical theory 2—32532

Electron diffraction crystallography continued
field emission source, interf. expts. 2—9406
HEED, glancing incidence, n-beam intensities 2—9238
HEED, glancing incidence n-beam dynamical diffr. 2—9237
HEED applic. to surface struct. 2—9236
Kikuchi lines, dynamical theory 2—9414
Kikuchi lines, intensity profile 2—32421
Kikuchi lines, intensity profiles, thick single crysts. 2—32422
Kikuchi pattern electron channeling 2—9399
Kikuchi projections, computer generation and identification 2—32425
Kossel Mollenstedt and Kikuchi patterns obtained by transmission scanning electron microscopy, comparison with convergent beam technique 2—32426
Kossel-Mollenstedt and Kikuchi patterns, in SEM 2—3665
microprobe use for wide angle reflection method 2—39605
multiple scattering diagrams for fast electrons scattered from a plate of crystal, reciprocity and shape functions 2—32424
optical potential and related mean free path expressions derived as function of electron energy in 20 eV-100 keV range 2—29116
periodic terrace-ledge and spherical surfaces, calc. of reciprocal lattice by Fourier transformation of electron diffraction data 2—28988
perturbation theory, constant and hermitian matrix 2—25305
scanning electron diffr. attachment with electrostatic energy filter 2—9407
scanning high energy electron diffraction, applications 2—3658
scanning of diffr. pattern, attachment design 2—29122
specimen holder for scanning pattern from oblique structures on type UEMV-100 V electron microscope 2—22142
substrate scatt. elimination, obs. through holes in substrate 2—9401
symmetry of diffr. diagrams 2—9442
three-dimensional reconstruction from radiographs and electron micrographs by convolution method 2—29108
wide-angle, convergent- beam, diffr. line geometry anal. 2—3701

Electron diffraction examination of materials
acetylacetone, molec. structure of enol and keto tautomers 2—24498
adsorbed atoms, ordering rel. to LEED beam splitting 2—3555
alkali feldspar, albite twinning, exsolution, elastic stress calc. 2—25414
alloy, disordered, multi-atom interaction energies 2—15931
anthracene, dislocations, diffr. contrast obs. 2—25413
bicyclo[2.1.1]hexane, gas phase, molecular structure 2—24514
bis(trifluoromethyl) diselenide, molecular structure determ. 2—24516
bis(trifluoromethyl) monoselenide, molecular structure study 2—24515
t- butyl chloride, molecular structures compared with microwave spectroscopic data 2—15359
copper hexadecachlorophthalocyanine, in epitaxial films 2—9292
crystal interface defect struct., obs. of artificial boundaries 2—6503
crystalline particle identification, very small size 2—19256
cyclohexane and methylcyclohexane, gaseous, conformation study 2—5970
dichalcogenide, layered transition metal intercalation complexes, lattice imperfections 2—36008
dimethyldisulphide molecular structure study 2—24529
faulted crystal, many beam dynamical theory 2—32532
formic acetic anhydride, molecular structure, sector- microphotometer method 2—18506
gas molecules contribution of intramol multiple scattering to patterns 2—21559
gas phase, intramolecular multiple scattering, model calcs. 2—21560
glass, crystals in bubbles, method for analysis 2—32315
graphite, faulted, trigonal symmetry 2—9438
graphite, symmetry of diffr. diagrams 2—9442
graphite, wide-angle convergent-beam diffr. study 2—3701
graphite filament, formed during C/C composite prep. 2—3974
ion source applications 2—7890
mica film, effect of electron bombardment, radiation damage, elec. and mech. stability 2—9258
microarea technique in high voltage microscopy, metallurgical applications 2—3657
molecular structures, least-squares det., slope and curvature criteria background 2—18391
molybdenite, symmetry of diffr. diagrams 2—9442
monofluoroacetic acid, molecular structure determination 2—38996
muscovite, symmetry of diffr. diagrams 2—9442
phlogopite, symmetry of diffr. diagrams 2—9442
polystyrene, isotactic, morphology 2—3479
polystyrene, isotactic stretched, crystal nucleation 2—22060
N-silylpyrrole, molecular structure investigation 2—5994
steel, carbide form. during tempering 2—39984
steel, Cr-Mo, identification of precipitates 2—9770
steel, high Al content, austenite and martensite struct. 2—12724
steel, low C Nb-structural type, precip. 2—32707
steel, stainless, type 304, creep rupture specimens 2—39800
surface structure and ordered adsorbed phase study 2—6300
tetracyanomethanes, molec. structure determination 2—21702
thin polycrystalline films, integrated emissivity obs. 2—29016
trifluoromethyl selenium cyanide, molecular structure determ. 2—24555
1, 3, 5- trioxan, gaseous, molecular structure 2—18532
Zircaloy, tetragonal hydride precipitation 2—9828
Ag-23 at.%Ge alloy, metastable h.c.p. phase decomp., metallographic techniques obs. 2—39978
Ag, symmetry of diffr. diagrams 2—9442
Al-4%Cu alloy, Guinier Preston zones, subject to tempering, interaction with Kikuchi 200 band 6489 2—6489
Al, {110} surface, LEED obs. 2—32333
Al, estimates of contributions from electronic excitation, thermal diffuse and disorder scattering to optical potential 2—29116
Al, intensity anal. of (001) LEED pattern, s-wave approx. 2—12641
Al, surface plasmon dispersion relation 2—32891
Al, thin film growth on Mo, LEED obs. 2—12655
Al (001) surface LEED rotation diagram 2—3492
Al_2O_3 films on Si, heat treatment influence on struct. 2—32357
Au-Si alloy, on Si substrate, rel. to Au-Si phase transformations 2—39991
Au, estimates of contributions from electronic excitation, thermal diffuse and disorder scattering to optical potential 2—29116
Au, thin platelets, substrate scatt. elimination, obs. through holes in substrate 2—9401
B_4C, dislocation nodes, extended dislocations, twin boundary energy, electron diffr. obs. 2—25403
BaO-Ni(Co)O-O-CO_2 systems, aragonite and 2H $BaNiO_3$ type phases structural relations 2—9454
Bi_2Se_3 epitaxial film, vapour phase deposited, structure obs. 2—39498

Electron diffraction examination of materials continued
C, amorphous film, structure rel. to elec. conduction mechanisms 2—13221
CdS, etched {00.1} faces, surfaces structure 2—9247
CdSe film, on CaF_2, refl. electron diffr. obs. 2—39500
Co-1wt.% Be-7 wt.% Ta alloy, metastable struct. states in solid state decomp. 2—32450
Co-1.7 wt.% Be alloy, metastable struct. states in solid state decomp. 2—32450
β-Co-γ-Co_2Ta, eutectic system, microstruct., lamellar faults, branching, subgrain boundaries, precip. 2—12720
Co-8.8 wt.%Cu alloy, precip., complex form. 2—25593
Co-P, noncryst. film, structure 2—6429
Co-Pd alloy, ordered phases obs. on evap. single cryst. films 2—32781
Co, noncryst. film, structure 2—6429
Co evaporated film, diffr. pattern explanation 2—25197
$(Cr,Fe)_2Ti_{n-2}O_{2n-1}$, crystallographic shear, lattice parameters 2—25243
Cr film, evaporation deposited, surface, rel. to oxidizing and nitriding treatments 2—39503
Cu-Ge solid soln., dislocation struct. of deform. twins, Burgers vectors 2—29182
Cu-1.8 wt.% Be, microsctruct. changes, Guiner Preston zone growth, rel. to ageing 2—19247
Cu, adsorbed CO and Xe, LEED obs. 2—12682
Cu, chemisorption of H_2S, LEED study 2—3560
Cu, cold rolling, orientation stability, strain rate depend. 2—39899
Cu, estimates of contributions from electronic excitation, thermal diffuse and disorder scattering to optical potential 2—29116
Cu, oxidised, surface struct., RHEED obs. 2—39457
Cu film, epitaxial growth, surface impurity effects obs. 2—39507
Cu single crystal electrodeposits, growth and structure study 2—29015
Fe-Cu-C steel, sintered, precip. process during ageing 2—25580
Fe-Ni alloys, struct. inhomogeneities rel to model for invar anomalies 2—16053
Fe-Ni film, electrodeposited, struct. and anisotropy, lack of correl. 2—36723
Fe, adhesion of metals to clean surface, LEED obs. 2—39974
Fe(N) sheets and foils, phase relations and epitaxy 2—39539
Fe_3S_4 film, electric polarization axis 2—19751
GaAs, vacuum cleaved, adsorption of O_2-, LEED study 2—3561
Ge (111) face, surface struct. disturbances 2—29002
Ge film, amorphous, crystn. 2—40286
H_2O, film, in hydration chamber of modified electron microscope 2—9079
$MgFe_2O_4$ film, cation ordering 2—29146
MgO, absorpt. of electron wave fields, temp. depend. 2—6440
MgO crystal wedge, structure potential determ. from dynamical interactions of electron waves in crystal 2—29118
Mn-Al vacuum codeposited film, disordered struct. 2—18940
$Mn_xFe_{3-x}O_4$ film, ferrite, lattice const. detn. 2—19906
MnO, dislocations, ordering, antiferromag. domain struct. 2—10250
$MnSi_{1.75-x}$, cryst. struct. determ. 2—22189
Mo_xO_{3x-2} series, (x=19, 20, 21, 22), cryst. struct. 2—25339
N_2F_4, gaseous, structure study 2—15320
N_2O_4, molecular shape and size investigation by gaseous electron diffraction 2—38922
NaCl, deformed, substruct. components, Kossel line obs. 2—9547
Nd_2O_3, monoclinic to hexagonal transform. under electron irrad., martensitic charact. 2—4000
Ni-P layers, imperfectly crystallized quasi-amorphous, struct. 2—22074
Ni-2.5 wt.% Be, microstruct. changes, Guiner Preston zone growth, rel. to ageing 2—19247
Ni, alloy, precipitation hardened, creep induced twinning 2—9574
Ni, noncryst. film, structure 2—6429
Ni base alloys, Ni_8X, X=combinations of V, Nb, Ta, order-disorder reactions 2—13007
NiTi martensite, stacking faults 2—15768
PF_2CN gas, molecular structure by section- microphotometer method 2—18466
$(PNF_2)_3$, gas phase, molecular structure study 2—5946
ReF_6, multiple intramolec. scattering effects on electron diffraction patterns 2—38937
SO_2, estimation of vibrational amplitudes, electron diffraction parameters 2—822
SO_3, estimation of vibrational amplitudes, electron diffraction parameters 2—822
$Se(GeH_3)_2$ gas, molecular structure, sector- microphotometer method 2—18468
Si, film, struct. rel. to growth conditions 2—39524
Si, foil, contrast profiles of vacancy clusters 2—6486
Si, structure factors and absorp. potentials 2—3729
Si film, epitaxy, by silane pyrolysis, HEED and Auger spectroscopy obs. 2—39523
Si film, homoepitaxial, quality, HEED obs. 2—39528
Si single crystal with ion implanted Sb, e.s.r. observation of defects produced 2—29191
β-SiC, chemically vapour deposited, stacking faults obs. 2—12774
SiC film, reactively sputtered, 2H polytype obs. 2—32377
Si(111), plasmon excitations, energy depend., low energy electron back scattering 2—6747
Si(111) surface, Auger spectroscopy 2—3502
Si(111) surface, glancing incidence HEED obs. 2—9236
Si(111) surface, glancing incidence HEED obs. 2—9238
SmO, struct. analysis 2—12733
SnSb films, vapour phase deposits, struct. 2—25211
Ta-C, ζ phase precip. in TaC, struct., space group determ. 2—3733
Ta, adsorption of O_2, H_2, N_2 and H_2O vapour, RHEED obs. 2—12686
Te, film, struct., growth, orientation 2—3549
Te single crystal film, epitaxially grown on Se 2—35896
Ti-O system oxides, structure factor determ. rel. to ionicity comp. depend. 2—9348
Ti alloy, β-stabilized, ω phase formation studies 2—36288
W, adsorbed hydrogen superstructure, RHEED obs. 2—29073
W, adsorption of O_2, LEED study 2—35926
W, foil, ion irradiated, black-white contrast figures from small disloc. loops 2—32528
Yb film, h.c.p.⇌f.c.c. martensitic transform., phase stability 2—39992
ZnO surface, LEED obs. 2—29012
Zr analysis using four axis hexagonal reciprocal lattice 2—3741
$ZrO_2.12Nb_2O_5$, polymorph characterization, structure and intergrowth obs. 2—9500

Electron emission
see also Noise/electrical; Photoelectricity
brass, phase transform., detect. by exoelectron emission method 2—36623
cathode, oxide, in strong longitudinal magnetic field 2—29783
cathode in corona breakdown in rare gases 2—24907
from cathodes, cold, multineedle, in nanosecond range, current voltage plots, electron microshadows 2—4310
chemielectron spectrosocpy for obs. on transient species 2—35163
difluorobenzenes, isomeric, electronic emission spectra, vibrational assignment 2—35330
energy distribution peak shift, high resolution measurement 2—6912
exo-emission, oxide surface, adsorption layer role 2—4314
exo-emission testing of deformed surfaces 2—29778
exoelectron emission, BeO, thermally stimulated, pressure induced 2—4317
film, amorphous oxide, voltage formed, filamentary model 2—40272
film, thickness depend. 2—13081
MIM sandwich cathode, height and half widths of ang. distrib. of electrons emitted from traps 2—10150
m.i.s.m. thin film device, with CdS layer 2—10098
molecular Penning ionization spectroscopy 2—35222
negative ion collision with atom, sudden insertion approx. 2—31702
oxide surface, exo-emission, adsorption layer role 2—4314
primary, due to γ-transmission through two component medium 2—30079
semiconductor, ceasiated, negative electron affinity 2—22652
solid surfaces, by particles carrying potential 2—22651
steel, exoemission, effect of friction reversal 2—9732
steel sandblasted mild, exoelectron emission, influence of organic vapours 2—22653
Al-Al_2O_3-Au diode, rel. to negative resistance 2—19725
Al-SiO_x-Ag film cold cathode, attenuation length 2—25971
Al, exoelectron energy and intensity meas. rel. to low temp. working 2—29779
Al, exoemission and photoemissium in ultrahigh vacuum 2—4315
Al, spontaneous regeneration of exoemission centres at metal-oxide interface 2—36622
Al_2O_3, exoemission, correlation to γ-α phase transition 2—4316
BeO, sintered ceramic, thermally stimulated exoelec. emission, pressure induced 2—4317
CO, phase transform., $\alpha\rightarrow\beta$, exoelectron emission temp. depend. 2—40386
CdS, rel. to chemisorption, temp. depend. 2—10153
CdS, rel. to ethanol and O_2 chemisorption 2—10152
Fe, work function changes in α-γ transform. region 2—1587
$GaAs_{0.6}P_{0.4}$, pn-Schottky hybrid cold cathode diode 2—13353
$GaAs_{0.6}P_{0.4}$ ion implanted diodes, stable emission currents 2—25887
Ge, exo-emission after proton irradiation 2—4318
Ge, ion-electron emission, relaxation process and defects 2—19815
InAs, ion-electron emission, relaxation process and defects 2—19815
InSe, pressure and temp. induced phase, induced electron emission 2—22156
LaB_6 cathode, surface struct. effects 2—40385
Mg, spontaneous regeneration of exoemission centres at metal-oxide interface 2—36622
MgF_2 film, surface potential, in presence of Malter emission 2—29777
MgO-Ag cold cathode, self sustained 2—25974
MgO-Ag cold cathode, self-sustained emission stability 2—25975
Si, exo-emission after proton irradiation 2—4318
Si crystals, effects of pretreatments on thermally excited exo-emission 2—16326
α-SiC p-n junction, shallow ion-implanted 2—40299
SiC p-n junction cold cathode, elec. characts. analysed 2—22654
Si_3N_4 layers, electron traps, thermally stimulated emission obs. 2—13354
Ta-Ta_2O_5-Au diode, rel. to negative resistance 2—19725
W, Cs- or Ba-covered, work function calc. 2—19794

field emission
adsorbate-covered surface, total energy distrib., electronic struct. 2—18954
adsorbed organic molecule effects, model 2—29781
anthraquinone molecules, on W, energy distrib. 2—29075
deflection energy analyzer, design techniques 2—23542
electrodes separated by vacuum or insulating layer, current through barriers 2—29780
field electron emitter as press. indicator 2—41394
hot hole cascades, Auger emission from conduction band 2—19795
metal film, discontinous, rel. to elec. conduction 2—19540
metal whisker diodes, thermal field emission as i.r. light rectification mechanism 2—16323
m.i.m. emitters, breakdown mechanism 2—13289
photo-field-emission, probe of electron states 2—22656
photon enhanced, non-direct optical transition characts. 2—16327
semiconductor, saturation region in Fowler-Nordheim characts. 2—6917
source prod. by oxygen-enhanced thermal-field shaping method 2—30994
theory rel. to metal-GaAs barrier study 2—19694
Al-Al_2O_3-Au m.i.m. structure, elec. cond., electroluminescence 2—13290
Al, anodically oxidised, deformed in tension 2—10157
CdS, single crystal, symmetrical surfaces 2—6918
CdS layer on W, photo-field emission 2—4319
Fe emitter, influence of gas adsorption on field ionization of gases 2—10154
Ge, IV charact., Au adsorption effect 2—29782
p-Ge, transient processes 2—13355
p-Ge emitter, O_2 adsorption, I-V characts., work function 2—25230
Ni, adsorption of acetylene and ethane, field-emission studies 2—1196
Pt emitter, influence of gas adsorption on field ionization of gases 2—10154
n-Si, saturation region in Fowler-Nordheim characts. 2—6917
W/Ge coated, adsorbed layer thickness depend. 2—19796
W, Au crystal production effect on emission and stability 2—9271
W, chemisorption of hydrocarbons, work function, surface potential 2—25972
W, remoulding of the [031] tip 2—36624
W, tip, exploding emission accompanying transition from field emission to vacuum breakdown 2—4321
W monocrystals, nanosecond region, patterns in prebreakdown stage 2—4320
W points, form factors and vertex radii 2—37919

photoelectric
air-filled cavities, currents and fields, model 2—18700
alkali fluorides, 10-40 eV photon range spectra, electron affinities determ. 2—19803

Electron emission continued
photoelectric continued
alkali halide, X-ray photoelectron spectroscopy 2—31685
alkali metal film, collective electron oscillations obs. 2—16329
alkali metals, spin polarization of electrons from surfaces illuminated with circularly polarized light 2—33089
alkali targets, solids, obs. of spin polarization of emitted photoelectrons 2—10156
alloys, effective atomic numbers for photoelectric process in various shells 2—40388
angular distrib. from photoelectrons from metal crystals 2—33088
angular distribs. of photoelectrons, exptl. obs. on gases 2—31769
angular distributions of photoelectrons, review 2—31768
anthracene, exciton induced photoemission 2—22659
antiferromagnet, spin-polarized electron states obs. 2—36637
appearance potential spectroscopy in a display LEED system 2—12642
atomic photoeffect, electron wave functions near nucleus and normalization screening theory 2—24308
atoms, induced emission, Einstein photoelectric law 2—24360
Au crystal, x-ray induced, angular distribs., Ag bulk and C and O surface impurities 2—19806
band structure studies 2—36406
boundary scattering effects in thin films 2—33087
β-brass, band struct., u.v. obs. 2—1589
caesium halides, core exciton decay obs. 2—19802
computational model with photoelectron, Compton, Auger and secondary photoelectron, Compton, Auger and secondary contributions 2—19799
condensed media, review 2—19800
core binding energy shift determ., ab initio mol. wave functions 2—35341
core electron spectra, shake-up satellite line intensities 2—35219
Cu on Al substrate, X-ray induced 2—19805
Cu-CdS system transient internal photoemission of carriers 2—13209
d-band materials, u.v.-excited, scatt. processes rel. to electronic struct. 2—16332
detector photocathode developments 2—40384
diamond, X-ray photoelectron spectrum, valence band width, density of states 2—25978
dichloroethylene, mol. orbital interpret. photoelectron and X-ray emission spectra 2—35328
dielectric, many-photon excitation of electron-hole pairs 2—6921
dielectric, probability of electron emergence 2—6931
dihalocompounds, molecular orbital assignment from photoelectron spectra 2—35242
electron, review 2—31750
elemental semiconductor, amorphous 2—19646
energy distribution investigation by method of modulating the delaying potential 2—29785
ethylene molecule, ang. distribs. of photoelectrons 2—35329
graphite-K intercalation cpds., electronic props. 2—10158
group cpds., III-V cpds. photocathode, major detector development 2—40389
group IIB-VIA semiconductors, upper d-levels from X-ray and u.v. photoelectron spectra 2—36633
heavy atoms, L-shell photoelectric cross sections at 145 and 279 keV 2—28202
image intensifier, single photoelectron excitation of phosphors, output intensity distribution 2—38089
infrared illumination, effect on signal 2—4311
mass spectrometry electron energy deposition spectra estimated from photoelectron and photoionization cross sections 2—8418
metal, photoemission, h.f. phonon detect. 2—22393
metal, spin polarization and spin fluctuation interactions 2—40440
metal electrode, emission into solution effect of double layer structure 2—6923
metal-insulator system, transient internal photoemission of carriers 2—13209
metals, laser radiation induced, instrument 2—40390
methane, high-resolution spectra 2—35340
microscope, application to welding technology 2—12712
molecular crystal, spectral distrib. of quantum yield 2—19801
molecular ion fluorescence as spectra interpreting aid 2—35220
molecular orbital assignments, use of perfluoro and He(II) intensity effects 2—35221
molecular orbitals and line intensities in ESCA spectra 2—35219
molecular spectroscopy, autoionization obs. at different wavelengths 2—31770
molecular spectroscopy, review of work at Oxford Univ. 2—35218
molecular spectroscopy, use of cylindrical-mirror analyzer 2—35293
molecules, induced emission, Einstein photoelectric law 2—24360
multiplet splittings in photoelectron spectroscopy 2—35226
multiquantum effect 2—25977
organic ion chemistry obs., core-electron spectroscopy rel. to chem. shifts contribs. 2—35297
organic molecular crystals, semiconducting, vac. u.v. obs., valence bandwidths 2—19812
organic solid, emission curve calc. 2—29788
photo-field-emission, probe of electron states 2—22656
photocathode, field-assisted infrared, feasibility and design 2—25976
photocathode, heterojunction, interfacial barrier 2—6922
photoelectron spectra and partial photoionization cross sections 2—12167
photoionization cross section depend. on photoelectron energy 2—31683
photoionization cross sections calcs. using plane-wave method allowing orthogonality 2—31684
polyethylene, quantum yield in vac. u.v. 2—29787
polymers, irradiation by 15 to 25 keV photons, intensities 2—19813
potassium halides, core exciton decay obs. 2—19802
potassium hexacyanoferrate (II), spectra meas. using Millikan apparatus 2—31007
protein, non-heme iron, X-ray photoelectron spectroscopy 2—31873
rare earth metals, valence levels, from X-ray photoelectron spectra 2—36628
rare earth trifluorides, X-ray photoelectron spectroscopy, multiplet splitting and 2-electron excitation 2—35282
reverse photoelectrons in laser-induced current 2—10155
rubidium halides, core exciton decay obs. 2—19802
satellite surface materials, photoelectron flux and solar irrad. 2—33566
semiconductor, amorphous thin film, review 2—10005
semiconductor, deviation from the Schottky line, theory 2—4323
semiconductor, intrinsic, many-photon excitation of electron-hole pairs 2—6921

Electron emission continued
photoelectric continued
semiconductor, surface elec. field effects 2—36640
solid, effective sampling depths in X-ray photoelectron spectroscopy 2—36632
solid, electronic states from temp.-dependent photoelectron spectroscopy 2—36626
solid, valence band struct. from X-ray photoelectron spectra 2—36628
spectrometer, He I, high resolution, performance obs. 2—8224
spectrometer for, with spectroelectrostatic prism 2—7852
spectroscopic meas. using Millikan apparatus 2—31007
spectroscopy, applic. of cylindrical electrostatic analyzer 2—31005
spectroscopy, applic. of windowed He discharge lamps 2—31008
spectroscopy, conf., Pacific Grove, U.S.A., Sept. (1971) 2—31002
spectroscopy, design of magnetic spectrometer 2—34321
spectroscopy, low-energy, multidetector system 2—31006
spectroscopy, material and structural analysis, applic. to glass research 2—22141
spectroscopy, review 2—31003
spectroscopy techniques for density of states determ. 2—13356
Teflon, quantum yield in vac. u.v. 2—29787
thiathiophthenes, He584Å and X-ray photoelectron spectra 2—5997
thiophene and bromo-derivs., high-resolution spectra 2—35340
threshold photoelectron detector for v.u.v. 2—18022
transient species, and chemielectron spectrosocpy 2—35163
transition metal, vacuum u.v. photoelectron spectra, density of states in conduction band 2—9929
transition metal diborides, ultra-soft X-ray spectrum 2—29943
transition metal salts, bonding from multiplet splitting in X-ray photoelectron spectra 2—35291
transition metals, energy distrib. curve, band struct. 2—19810
transparent dielectric subjected to laser light 2—19784
u.v. spectroscopy of adsorbate on metals, theory 2—36625
valence electronic structure from X-ray photoelectron spectroscopy 2—35225
wool fibre, surface discharge treated, S oxidation state obs. 2—37043
X-ray photoelectron spectral shifts, thermochemical estimates 2—35223
X-ray photoelectron spectroscopy, attenuation of low energy electrons 2—18913
X-ray photoelectron spectroscopy, use of electron flood gun to reduce surface charging 2—21030
X-ray spectrometer, small-size, performance tests 2—31010
X-ray spectroscopy, applic. of spherical-grid-retarding potential analyzer 2—31004
Al, anodically oxidised, pressure depend. photostimulated 2—10157
Ag-O-Cs photocathode, emission mechanism, cpd. form. on sensitizing oxidized layers 2—33086
Ag, valence band struct. from u.v. photoelectron spectra 2—36650
Ag film, from optically excited nonradiative surface plasma oscillations 2—13357
Ag films, reson. effect 2—16328
Ag on Al substrate, x-ray induced, and at. intermixing with Au 2—19805
AgBr, Ag 4d levels from temp.-dependent photoelectron spectroscopy 2—36626
$Al-Al_2O_3-Al$, photoemissive detn. of barrier profile 2—4257
$Al-Al_2O_3-Si$ system, internal photoemission, energy band diagram 2—13358
Al, bulk states obs, u.v. region 2—22657
Al, ultrahigh vacuum, 4.1 eV 2—4315
Al films, surface plasmon oscillations 2—4131
AlMgSi and AlMgSr, spectral region 500-1700 A 2—40391
Al_2O_3 films on Al, 30 to 600Å, saturation photocurrent obs. and theory of oxide random-walk electron scatt. 2—6913
Am atom, core electron binding energies determ. 2—35165
Ar, photoelectron ang. distrib., 0-23 eV above threshold 2—15233
Ar atom, electron ang. distrib. variation with energy obs. 2—38825
As_2Se_3, amorphous 2—19646
Au-Se system transient internal photoemission of carriers 2—13209
Au, angular distrib. from photoelectrons, effect of Cd surface impurities 2—33088
Au, bulk states obs., u.v. region 2—22657
Au, higher derivative spectra, relativistic band struct. detn. 2—19804
Au, photoemission spectra, temperature modulated, agreement with one-electron band theory and reflectance data 2—36627
Au, spin-orbit coupling effects in u.v. and X-ray photoelectron spectra 2—36629
Au, vacuum u.v. photoelectron spectra, density of states in conduction band 2—9929
Au, valence band struct. from u.v. photoelectron spectra 2—36650
Au, valence bands determ. from X-ray photoelectron spectra, comparison with relativistic calcs. 2—36630
Au and alloys, charge flow and d-level compensation 2—4113
Au film, mean free path of hot electrons 2—16330
Au on Al substrate, x-ray induced, at-intermixing 2—19805
Au spectra rel. to charge voltage on $BaSO_4$ substrate 2—13359
B, ultra-soft X-ray spectrum 2—29943
Be, calc. of soft X-ray photoelectron spectra using band theory of metals 2—36631
C film, X-ray photoelectron spectroscopy, attenuation of low energy electrons 2—18913
C film on Au, effective sampling depths in X-ray photoelectron spectroscopy 2—36632
CO chemisorbed on Ni, energy level measurements at high photon energies 2—4325
CO photoelectron spectra and partial photoionization cross sections 2—12167
CO_2 photoelectron spectra and partial photoionization cross sections 2—12167
C_3O_2, high-resolution spectra, vib. analyses 2—35240
Cd sulphide and sulphate, X-ray L_{23} spectra, meas. quantum efficiency of S photoemission 2—26204
CdS, X-ray $L_{II,III}$ photoemission spectra fine structure study 2—36909
CdS layer on W, photo-field emission 2—4319
CdS(Se)(Te), upper d level obs. 2—25979
CdSe films, energy struct. obs. 2—6925
CdTe, energy band pseudopotential model from photoemissive props. 2—19666
CdX, X=chalcogen, core electron level obs., x-ray induced electron emission obs. 2—19811

- **Electron emission** continued
  - **photoelectric** continued
    - CdX, x=chalcogen, d-levels location from u.v. photoemission obs. 2—22658
    - Ce, induced by Al $K\alpha$ line, electronic energy states obs. 2—22791
    - Co caesiated films, spin polarization of photoelectrons, band structure theory of ferromag. study 2—25980
    - CoO, valence band structure, X-ray photoemission spectroscopy 2—36639
    - Cr, soft X-ray appearance pot. spectra, effect of oxygen 2—35872
    - Cr, valence band struct. from u.v. photoelectron spectra 2—36650
    - Cs-Sb photocathode, thermally stable processing, thermal effect on photoelectric response 2—29786
    - Cs, adsorbed layer on Ni, band struct. determ. from u.v. photoelectron spectra 2—36635
    - Cs, core state obs. 2—4118
    - Cs film. collective electron oscillations obs. 2—16329
    - Cs_3Sb layers, i.r. photoemission current anomalies caused by surface traps 2—36634
    - Cu, energy distrib. of photoemitted electrons one-electron analysis 2—29913
    - Cu, far-u.v. props. 2—10159
    - Cu, u.v.-excited, scatt. processes rel. to electronic struct. 2—16332
    - Cu, valence band struct. from u.v. photoelectron spectra 2—36650
    - Cu single crystal, electron work function for (100), (110), (111) and (112) faces 2—33083
    - CuBr, photoelectron spectra, excited states of Cu in solid, satellite emission 2—4328
    - CuCl, photoelectron spectra, excited states of Cu in solid, satellite emission 2—4328
    - CuCl(Br), shakeup photoelectron spectra 2—36636
    - CuI, spectral region 500-1700 A 2—40391
    - CuO, Cu_2O, valence band structure, X-ray photoemission spectroscopy 2—36639
    - Cu_2O, photoelectron spectra, excited states of Cu in solid, satellite emission 2—4328
    - Cu_2O, shakeup photoelectron spectra 2—36636
    - Eu, band struct. determ. by X-ray photoemission 2—22464
    - EuTe, antiferromagnet, spin-polarized electron states obs. 2—36637
    - F cpds., X-ray photoelectron spectroscopy of F k level 2—35245
    - p-GaAs:Cr cathode, spectral distrib. 2—6920
    - GaAs, ang. distrib. rel. to energy distrib. structure 2—36638
    - GaAs photocathode, Cs_2O-activated, electron energy loss in band bending region 2—6927
    - GaAs(Cs-O), photoyield decay characteristics 2—25981
    - GaInAs (Cs,O), photocathode, interfacial barrier effects, thermally assisted emission 2—19807
    - GaSb, and reflectivity, 7.7-25 eV, band struct. obs. 2—19808
    - Gd, band struct. determ. by X-ray photoemission 2—22464
    - GdAs(P)(S)(Sb), spin polarized photoelectrons from cond. states, susceptibility, exchange interactions 2—40559
    - GdP(As)(Sb), antiferromagnet, spin-polarized electron states obs. 2—36637
    - Ge/ZnSe/GaAs(Cs), heterojunc. photocathode 2—6926
    - Ge-Te alloy, amorphous 2—19646
    - Ge, amorphous films, electronic struct. 2—4324
    - Ge, band struct. obs. 2—33015
    - Ge, two-electron transitions 2—16331
    - Ge_3N_4-Ge, m.i.s. struct., barrier heights determ. 2—10101
    - H_2, ang. distrib. of phoeoelectrons, rot. ionization range 2—35255
    - H_2, dissociative photoionization, photoelectron spectroscopy obs. 2—18423
    - H_2, simultaneous excitation and photoionization, obs. from photoelectron spectra at 247 Å 2—35256
    - He, cold cathode glow discharge, Au electrodes 2—35618
    - Hg, atom, electron ang. distrib. variation with energy obs. 2—38825
    - Hg sulphide and sulphate, X-ray L_{23} spectra, meas. quantum efficiency of S photoemission 2—26204
    - HgS, X-ray $L_{II,III}$ photoemission spectra fine structure study 2—36909
    - HgSe(Te), d-levels location from u.v. photoemission obs. 2—22658
    - HgSe(Te), upper d level obs. 2—25979
    - HgX, x=chalcogen, core electron level obs., x-ray induced electron emission obs. 2—19811
    - In, cryst. and liq., density of states 2—4122
    - InAsP (Cs,O), photocathode, interfacial barrier effects, thermally assisted emission 2—19807
    - $InAs_{1-x}P_x$(Cs-O), at long-wavelengths 2—6928
    - K and Na-K alloy films, rel. to phase transitions 2—33090
    - K film, collective electron oscillations obs. 2—16329
    - KBr(Cl), from complex F-centres 2—6929
    - KCl, thermal shift of electron binding energies obs. in X-ray photoelectron spectrum 2—35931
    - Kr atom, electron ang. distrib., variation with energy obs. 2—38825
    - La, induced by Al, $K\alpha$ line, electronic energy states obs. 2—22791
    - La (III) compounds, split photoelectron signals from unique closed-shell La (III) cation 2—25982
    - LiF, quantum yield in vac. u.v. 2—29787
    - LiF, thermal shift of electron binding energies, obs. in X-ray photoselection spectrum 2—35931
    - MnO, valence band structure, X-ray photoemission spectroscopy 2—36639
    - N_3^-, NO,$_2^-$, NO_3^-, valence shell electronic structure obs. and calcs. 2—35276
    - NO, photoelectron spectra and partial photoionization cross sections 2—12167
    - N_2O photoelectron spectra and partial photoionization cross sections 2—12167
    - Na and Na-K alloy films, rel. to phase transitions 2—33090
    - Na film, vapour quenched and annealed 2—6930
    - Nb, supercond., rel. to charge transfer, X-ray photoelectron spectroscopic obs. 2—22505
    - Ne, photoionization cross sections partition, exptl. obs. in sift-X-ray region 2—35166
    - Ni, d-band photoelectron energy distrib. near Curie temp., exchange splitting 2—33091
    - Ni, soft X-ray appearance pot. spectra, effect of oxygen 2—35872
    - Ni, spin polarization of photoelectrons 2—1588
    - Ni, valence band struct. from u.v. photoelectron spectra 2—36650
    - Ni complex, bis-(π-allyl), orbital assignment from photoelectron spectra obs. 2—35280

- **Electron emission** continued
  - **photoelectric** continued
    - NiO, photoelectron spectra, excited states of Ni in solid, satellite emission 2—4328
    - NiO, shakeup photoelectron spectra 2—36636
    - NiO, valence band structure, X-ray photoemission spectroscopy 2—36639
    - O, energy dependence of angular distribution 2—38826
    - O chemisorbed on Ni, energy level measurements at high photon energies 2—4325
    - P atom, core-electron spectroscopy, 2p binding energy correlations 2—35167
    - Pb, band struct. obs. 2—19809
    - Pb glass, spectral region 500-1700 A 2—40391
    - Pb supercond., energy gap, photoelec. effect 2—9972
    - PbTe films, escape length of photoelectrons, electron-electron scatt. effects 2—10160
    - Pd, valence band struct. from u.v. photoelectron spectra 2—36650
    - Pd complex, bis-(π-allyl), orbital assignment from photoelectron spectra obs. 2—35280
    - Pd spectra rel. to charge voltage on $BaSO_4$ substrate 2—13359
    - Pt, energy distrib. curve, band struct. 2—19810
    - Pt coord. cpds., photoelectron spectroscopy 2—35281
    - Pt cpds., X-ray photoelectron spectroscopy 2—31824
    - Rb, core state obs. 2—4118
    - ReO_3, valence band structure, X-ray photoemission spectroscopy 2—36639
    - Rh, band struct. obs. 2—25736
    - S, adsorbed layer on Ni, band struct. determ. from u.v. photoelectron spectra 2—36635
    - $SbCs_3$ layers, photoelec. quantum yield in electron camera 2—10161
    - Si, amorphous, electronic struct. obs. 2—33017
    - Si, cesiated, secondary i.r. radiation effect on photoelectron energy distrib. curve 2—40393
    - SiO_2, amorphous, photoemission measurements of valence levels 2—10162
    - Sr oxidation studied by u.v. photoelectron spectroscopy 2—26349
    - $SrTiO_3$, band structure determ. from X-ray photoelectron spectra 2—33092
    - Ti, soft X-ray appearance pot. spectra, effect of oxygen 2—35872
    - Ti, valence band struct. from u.v. photoelectron spectra 2—36650
    - TlCl, TlBr, TlI photoelectron spectra, analysis 2—24490
    - W, energy distrib. curve, band struct. 2—19810
    - W, surface states obs., u.v. region 2—22657
    - Xe atom, electron ang. distrib. variation with energy obs. 2—38825
    - Y, induced by Al $K\alpha$ line, electronic energy states obs. 2—22791
    - Yb, band struct. determ. by X-ray photoemission 2—22464
    - Zn sulphide and sulphate, X-ray L_{23} spectra, meas. quantum efficiency of S photoemission 2—26204
    - ZnO, Zn 3d states location from u.v. photoelectron spectra 2—36641
    - ZnO(Se)(Te), upper d level obs. 2—25979
    - ZnS, X-ray $L_{II,III}$ photoemission spectra fine structure study 2—36909
    - ZnX, X=chalcogen, core electron level obs., x-ray induced elec on emission obs. 2—19811
    - ZnX, x=chalcogen, d-levels location from u.v. photoemission obs. 2—22658
  - **secondary**
    - alkali halide films, inelastic electron scattering 2—29789
    - apparatus described for meas. anisotropy of secondary emission from secondary crystal targets 2—33093
    - Auger spectra, electron-induced, backscatt. effects 2—33095
    - coeff. det. using secondary electron resonant discharge n crossed fields 2—24853
    - detector for voltage meas. in scanning electron microscope 2—37914
    - dielectric, probability of electron emergence 2—6931
    - electrodes in d.c. discharge, effect on Hall potential difference 2—24868
    - electron binding energy, determ. from secondary electron yield spectrum 2—13360
    - energy spectrum structure in kinetic ion electron emission 2—36649
    - fine struct. detection method 2—32322
    - glow discharge, effect on appearance of slow electrons 2—24865
    - image converter with controlled image brightness 2—27435
    - ion-bombarded crystal, atom shell struct. effects, Slater function method 2—25984
    - ionic cryst., energy distrib. curve, Monte Carlo simulation 2—4326
    - in ionizing radiaton absorbed energy and elec. charge distrib. meas. system 2—18268
    - metal surface; Auger spectroscopy 2—1503
    - metal-low density dielectric film-metal sandwich, produces by 50 MeV electrons 2—25983
    - metals, by medium energy ion bombardment, comparison of exptl. results with theoret. predictions 2—19814
    - metals, exptl. assembly for obtaining spectrum, study of peaks for Auger transitions, plasma excitation 2—33094
    - primary-electron diffusion effect 2—40394
    - semiconductor surface, Auger spectroscopy 2—1503
    - semiconductors, exptl. assembly for obtaining spectrum, study of peaks for Auger transitions, plasma excitation 2—33094
    - single crystals, 2 to 10 keV, primary electron energies, rel. to fine structure of angular dependence changes 2—4327
    - spectral dependence of fine structure, X-ray spectroscopy data 2—35120
    - stainless steel, rel. to gas pressure dependence of prebreakdown conduction in high vacuum 2—6934
    - steel, stainless, secondary emission coeff., for metastable atoms, crossed beam meas. method 2—6933
    - steel, stainless, secondary emission coeff. for metastable atoms, gas cell meas. method 2—6932
    - steel, temper embrittlement, segration, Auger spectroscopy 2—3897
    - thermalization distance distribution of secondary electrons in irradiated substances 2—36642
    - Al, oxygen covered and Cu covered surfaces 2—12643
    - Al film, re-emission and transmission, angular distrib. 2—40395
    - Au-oxide cermets, emission yield obs. 2—10163
    - Au, secondary emission coeff. for metastable atoms, gas cell meas. method 2—6932
    - Au film, re-emission and transmission, angular distrib. 2—40395
    - Ba, electron binding energy from yield spectrum 2—13360
    - BeO surface, energy levels, density of states, Auger spectrum 2—33097
    - C, pyrolytic graphite and condensed films, primary-electron incidence angle effect 2—29790
    - C thin foils, light ion bombardment, Auger spectroscopy 2—24317

Electron emission continued
secondary continued
Cd, secondary emission coeff. for metastable atoms, gas cell meas. method 2—6932
Cd, secondary emission coeff., for metastable atoms, crossed beam meas. method 2—6933
Cu, secondary emission coeff. for metastable atoms, gas cell meas. method 2—6932
Cu, theoretical and expt. rocking curves 2—22661
from Cu or AgMg surfaces, caused by H, He or N neutral atoms, detection of secondary electrons by Si barrier detector, as quantitative detector of neutral particles 2—27885
Cu single crystals, meas. of anisotropy of secondary emission using new apparatus 2—33093
GaP dynode, yield 2—6935
Ge, ion irrad., directional effects 2—25986
Ge, ion irrad., monitoring of defect production and removal 2—29169
He, energy and angular distributions of secondary electrons from electron impact ionization 2—15249
KBr crystals under atom and ion bombardment, gamma ratio and energy distribution 2—36648
KCl films, porous, energy distrib. of transmitted secondary electrons 2—25985
K_2CsSb photocathode as high-gain secondary emitter 2—40392
LiF crystals under atom and ion bombardment, gamma ratio and energy distribution 2—36648
NaCl crystals under atom and ion bombardment, gamma ratio and energy distribution 2—36648
Pt black on stainless steel, 0-40 eV. electron reflection characteristics for Pt blacked screened collector 2—22660
Si, fine struct. detection 2—32322
p- Si, ion-implanted, coeff. meas. 2—33098
Si, ion irrad., directional effects 2—25986
Si(111) surface structure, LEED, Auger spectroscopy 2—3502
W, secondary emission coeff. for metastable atoms, gas cell meas. method 2—6932
thermionic
see also Cathodes
alkali earth metal oxide, cathode emission capacity mech. 2—40387
brightness, axial, relativistic corrections 2—17548
converter, emission current in terms of Cs arrival rate, electrode surface temperature, empirical equation for 2—37923
electrodes separated by vacuum or insulating layer, current through barriers 2—29780
effect of emitting surface inhomogeneity of thermocathodes on mean value, dispersion of emission current 2—33099
energy distrib. in 26 keV electron beams 2—27424
exo-emission, thermally stimulated, theory 2—10151
metal whisker diodes, thermal field emission as i.r. light rectification mechanism 2—16323
microscopy, technique and appl. 2—29128
semiconductor, deviation from the Schottky line, theory 2—4323
space-charge-limited emission between concentric spheres and cylinders 2—14383
theory rel. to metal-GaAs barrier study 2—19694
thermostimulated, adaptation of electron camera for obs. 2—6919
BaO, work function determ. 2—29659
BaO_2ScO_3, pressed cathode, elec. microscope examination 2—25973
CaO, effect of adsorbed Ba layers 2—29784
p-GaAs:Cr cathode, spectral distrib. 2—6920
Ir(III)-C, dependence on degree of C coverage 2—9297
LiF, laser irradiated, thermally stimulated electron emission images obs. rel. to damage threshold 2—19797
Nb, polycrystalline, and Nb films on Ta, surface barrier determ. 2—4322
Si, Maxwellian energy distrib. 2—33084
SrO, Fermi level determ. from thermal e.m.f. 2—29659
Ta, polycrystalline, surface barrier determ. 2—4322
Ta, temp. depend., effect of adsorbed Li atoms 2—19798
W, temp. depend., effect of adsorbed Li atoms 2—19798
W cathodes anomalously high emission in inert gas media in arc discharge 2—28676
Y_2O_3, pt. defect obs. 2—29172
Electron energy states *see Crystal electron states*
Electron gas
see also Metals/theory; Plasma; Solids/theory; Superconductivity
in afterglow plasma, longitudinal thermal conductivity 2—24689
bounded, static charge distrib. screening 2—32902
bremsstrahlung, rate and spectra in hot gas (Z=1) 2—32110
charge density variations, correls., exchange contribs. in metallic range 2—23307
charged particle stopping power, contrib. of cond. electrons 2—25709
correlation function evaluated divergence removed by quantum effects 2—7718
degenerate, acoustic sum-frequency generation, discontinuities in nonlinear increase 2—13214
degenerate, cond. in quantizing mag. fields 2—1468
degenerate, neutrino bremsstrahlung process 2—8113
degenerate, with interactions, dielec. function freq. depend. 2—4140
dielectric function, exchange corrections 2—25748
dilute, dispersive transport coefficients 2—1038
electron gas at metallic densities, thermodynamic props. 2—19423
ferromagnetic, effect of exchange interaction on the dielectric response 2—19847
free, quantum size effects in transport theory and diamagnetism 2—13101
ground state energy in high mag. field 2—36424
inhomogeneous, exchange energy and pot. variational calc. 2—25746
inhomogeneous, exchange energy as functional of electronic density from Hartree—Fock theory 2—5166
interacting, coupling of acoustic and cyclotron waves 2—9944
interacting, orbital susceptibility 2—27104
interacting, spin susceptibility calcs. 2—36666
level density in strong mag. field, effect of impurities 2—32900
low current d.c. discharge plasma, anomlous behaviour 2—32105
in magnetic field, superstrong, Wigner transition suggested 2—33959
metal, bulk modulus 2—1275
metal, correl. potentials 2—32901
metal, dielec. function, numerical calc. scheme 2—9945
metal, displacement and collective variables method, numerical calc. 2—40155

Electron gas continued
metal, electron distrib. around mobile and fixed point charges 2—25747
metal, many-body correls., effects on X-ray spectra 2—1701
metal, plasmons and image potential 2—22476
metal, square well pot., impurity calc. and Schrodinger eqn. 2—16091
metal surface, rough, photon interactions 2—4427
model, for boundary value problems, numerical solutions 2—29605
optical properties, nonlocal effects, specular and diffuse electron scatt. 2—16413
optical scattering, in mag. field, theory 2—36849
partially degenerate, semirelativistic, exchange contribution to thermodynamic potential 2—30825
phase transition to electron lattice, ground state energy 2—20872
polarizability h.f., temp. depend. in degenerate gas calc. 2—37658
polystyrene, free electron collective excitation model rel. to opt. props. in vac. u.v. 2—20009
relativistic, local exchange potential calc. 2—33957
resonant density oscillation around transition metal impurity 2—30021
screening of single positive charges, Hartree-Fock approx. 2—19525
semiconductor, doped, high correl. obs. 2—19633
semiconductor, Landau level broadening and transverse magnetocond. 2—16197
semiconductor, random impurity scatt., Hall effect 2—16207
semiconductor, thermodynamics in crossed fields 2—6745
semiconductor, transverse magneto-cond. 2—40229
semiconductors, homopolar, capture of hot electrons by deep traps 2—29657
stability of sheared flow 2—30996
styrene-MMA, free electron collective excitation model rel. to opt. props. in vac. u.v. 2—20009
thermodynamic properties, finite temp., of 1D gas with delta function interactions 2—7719
thermodynamic props. in crossed electric and magnetic fields 2—2180
X-ray edge problem with finite hole mass 2—7084
n-GaAs, reson. Raman scatt. by electronic excitations, coupled plasmon-phonon modes 2—16538
InSb, degeneracy rel. to photocond. efficiency, impact ionization thresholds 2—22646
Ti_2O_3:V_2O_3, low temp. specific ht., contribution by one dimensional electron gas 2—4069
Electron guns *see Electron beams*
Electron lenses
see also Electron microscopes; Electron optics
aberration coefficients of oblique beams for systems of arbitrary numbers of lenses 2—2357
aberrations, spherical and chromatic corrections using charges on gauze or thin foil 2—17555
corrector system, primary aberrations 2—17557
electrostatic and magnetic, free electron physics, book 2—17831
e.m.., with rotational symmetry, unified theory 2—37903
field aberrations, investigation on basis of Glasers aberration theory 2—7861
focusing of high-current electron beams in linear induction accelerators 2—249
microscope, regulator systems, thermal disturbance reduction 2—7854
microscope, second condenser, modulator design 2—7855
microwave field focussing action on beam during capture in acceleration mode of cyclic accelerator 2—31392
optical column, shelved support structure 2—7849
optoelectronic system for microcircuit printing 2—37906
parallel plate analyser with second order focusing properties 2—17556
quadrupole-octopole, fifth order spherical aberration 2—2356
superconducting, axial field distribution det. using Faraday effect 2—34319
Synklysmotron correcting system 2—14388
electrostatic
cylinder, three element asymmetric voltage lenses, focal and midfocal lengths and spherical aberration coefficients 2—17550
cylinder, three element einzel lenses, focal and mid focal lengths and spherical aberrations coefficients 2—17553
cylindrical condenser, monokinetic beam in electrostatic field 2—2351
cylindrical systems containing diaphragms and thick electrodes, focussing and diverging fields 2—31000
field calculations, diaphragms with slits and thick electrodes with rectangular slit cavities 2—30999
hyperbolic, two dimensional with aperture, potential distribution 2—23530
imaging properties of electrostatic quadrupole uniformly twisted about its axis 2—2358
immersion objective, five- electrode, geometrical optics 2—27427
line focus system 2—14387
mirror, fringing field 2—34318
quadrupole, nonsymmetric, correction of geometric aberrations 2—23522
relay, zoom, focal properties 2—2355
systems of diaphragms with slit apertures, calculation of field 2—30992
two foils, corrected for spherical and chromatic aberrations 2—37904
two tube, aberration coefficients, numerical method of calc. 2—23532
two tube, first order focal props. and P-Q curves 2—23531
unipotential, 3-tube asymmetrical, math. analysis 2—11442
magnetic
aplanatic, investigation of properties 2—7853
design engineering, magnetostatic analogue 2—7851
diverging lens, aberration calc. 2—37905
emission microscope, axial chromatic aberration correction by quadrupole electromagnet 2—17560
geometrical aberrations correction by octupoles 2—23533
high-induction field objective in a scanning electron microscope 2—27428
image tube resolution rel. to mag. flux density 2—2359
microprobe devices, cross section of deflected beams, current-density redistribution 2—23534
quadrupole, third order aberration coefficients, comparison of expressions 2—34320
short double, quadrupole, sextupole and octopole lenses, aberration correctors for diverging electron beams 2—23535
spherical aberration correction, using thin conducting foil 2—17554
spherical aberration correction using transparent foils 2—5333
superconducting objective for 500 kV high resolution microscope 2—2364
Electron microscope examination of materials
see also Ion microscopes
alkali feldspar, exsolution, elastic stresses, periodic twins 2—25414

Electron microscope examination of materials continued
alkali halides, nature of interstitial clusters studied using transmission electron microscopy 2—19092
alkali halides, twist grain boundaries 2—9579
alloy, creep deform. 2—35978
alloy, f.c.c., incoherent annealing twin boundary 2—9572
alloys, f.c.c., decorated stacking faults 2—36039
alnico alloy, superstruct. defects, thermal antiphase domains, superdislocations 2—29175
amylose films, anisotropic morphology obs. 2—3473
anthracene, dislocations, diffr. contrast obs. 2—25413
anthracene, dislocations and stacking faults obs. rel. to role in photochemical reactions 2—30088
anti-reflection coatings, fused silica substrate, one shot laser damage threshold 2—27637
apparatus for determ. the best conditions for photographing the image 2—30120
aqueous solution, specimen prep., frozen fixation technique 2—39610
biological material, phase and amplitude contrast 2—7857
biological molecule, characteristic electron energy loss spectra 2—8837
biological molecule, in situ damage 2—8838
biological molecules, radiation damage, contrast and counting statistics 2—8836
biological sectioned specimen, effects of chromatic aberration on resolution and contrast 2—19034
calcite, crystal, struct., effect of S impurity 2—6422
carbonized polymer fibers, surface structure analysis 2—22058
ceramic, green sheet, struct., ultramicrotomy 2—9776
chrysotile asbestos, high resolution obs. 2—3716
coarsely. dispersed system, particle configurations 2—28906
composites, fibre reinforced and directionally solidified eutectics 2—9779
copper hexadecachlorophthalocyanine, in epitaxial films 2—9292
crystalline particle identification, very small size 2—19256
crystals, complex oxide phases, micrographs structure analysis, direct inspection 2—3671
cubic cryst., shear loop images 2—39689
dichalcogenide, layered transition metal intercalation complexes, lattice imperfections 2—36008
dislocation behaviour 2—3777
dislocation networks, high angle tilting apparatus applic. 2—29178
DNA, using 5Å scanning microscope 2—8833
epoxy resin, struct., additive effects, obs. 2—35855
ferromagnetic domains, scanning microscope obs. 2—6965
ferromagnetic film, domain walls, weak beam Lorentz microscopy obs. 2—4384
ferromagnetic film, magnetiz., electron interference obs. 2—36721
ferromagnetic film domain wall, defocused mode Lorentz electron microscopy, optical wave theory 2—36695
film, dislocation stresses due to periodic distrib. 2—12763
film, domain boundary creep 2—36696
glass, combined electron microscopy and energy loss analysis 2—18898
glass, review 2—15634
grain boundary characterization 2—9578
grain boundary structure 2—19108
graphite, eutectic flake, defect obs. 2—9568
graphite, fine grained, fracture surface obs. 2—3907
graphite, friction at small loads 2—6591
graphite, insitu electron damage 2—9524
graphite, pyrolytic, scroll-like struct. obs. 2—22150
graphite, wide-angle convergent-beam diffr. study 2—3701
graphite filament, formed during C/C composite prep. 2—3974
high angle grain boundary structure, plane matching theory 2—32541
Inconel 600, explosive shock deformation, thermal recovery 2—9656
Inconel 700 alloy, γ' precip. growth on ageing 2—39986
lunar samples, characterization of hyper-velocity particle impact craters 2—10997
lunar samples, crystal imperfections, h.v. electron petrography 2—10999
lunar samples, microcrater characterization 2—10998
lunar samples, morphology and search for biogenic forms 2—4957
macromolecules, fundamental limitations 2—3129
macromolecules, light optical diffraction patterns produced by electron micrographs 2—8835
magnetic and electric effects 2—9405
martensite, χ-carbide formation and its transform. into cementite 2—39988
materials science applications, review 2—9426
metal, hard, fracture struct. 2—32651
metal, in situ plastically deformed 2—3863
metal, recrystallization in emission electron microscope 2—39882
metal, replica technique for simultaneous obs. of interior and surface 2—19029
metal film, diffusion of disparate metal by diffraction contrast obs. 2—39732
metal film, electromigration studies 2—36075
metal films, ion beam sputter deposited, nucleation, growth 2—6343
metal surfaces polycrystalline following ion bombardment at grazing incidence angles 2—39459
metals, microstructure, deformation at transformation temperatures 2—3663
metals surface, using Auger electron spectroscopy in scanning mode 2—9242
meteorites, defect struct. 2—3709
methane, thermal dissociation on hot W emitter tips, field emission microscopy 2—30059
m.i.m. emitters, breakdown mechanism 2—13289
m.i.m. structs., current filament detect., a.c. detect. scheme, electron microscope obs. 2—40311
organo-montmorillonities, interstratified layer struct. 2—29081
Orgueil meteorite, magnetite composition analysis 2—7542
permalloy, film, plated NDRO wire, structure detn. 2—19899
permalloy, polycryst. film, beam broadening due inelastic electron scatt. 2—4389
perminvar ferrite microstructure 2—15712
phosphor, halophosphate, synthesis 2—4571
plastic deformation inhomogeneity, emission technique 2—19174
polyethylene, fibril structure, gold decoration 2—9226
polyethylene, low density, cold rolled, superstruct. 2—12632
polyethylene, radiation damage and contrast 2—22185
polyethylene crystals deformed after γ-irradiation 2—36124
polymer, crystalline, plastic deformation, morphology 2—3462

Electron microscope examination of materials continued
polymer, intercrystalline links eval. 2—3461
polymer characterization, state-of-the-art 2—35857
polymer cryst., radiation damage 2—19081
polymer morphology, transmission electron microscope obs. 2—35853
polystyrene, crazing, fibrillar struct. 2—3912
polystyrene, isotactic, morphology 2—3479
protein crystals, electron microfractography 2—25278
quartzites, obs. of creep deformation of rocks from various regional metamorphic environments 2—9668
tRNA, high resolution scanning microscopy 2—8834
rubber, stretched, fibrillar to lamellar morphology transformation 2—9230
sample preparation using jet electrolytic polishing 2—37048
scanning, solid state devices testing and fabrication 2—3664
semiconductor, surface elec. field distrib., electron mirror microscope 2—4227
semiconductor device, scanning obs., surface potential gradients 2—10077
semiconductor devices, bulk defects and resist. variations 2—4241
semiconductor p-n junction depth meas. 2—4245
silane SiO_2 film, control of oxide step contours, in semiconductor processing 2—19693
stainless steel, shock loading, recovery and recrystallization 2—9657
stainless steel, type 304, residual microstructure, explosive shock 2—9655
steel, austenite, carbide precipitation kinetics 2—32772
steel, austenitic, stress corrosion cracking, fracture surface 2—19212
steel, austeno-martensitic, hardening phenomena struct. analysis 2—29399
steel, bainitic, microstructure, rel. to mech. strength 2—9686
steel, carbide form. during tempering 2—39984
steel, cleavage cracks, obs. 2—29318
steel, Cr-Mo, identification of precipitates 2—9770
steel, fatigue fracture obs. 2—9707
steel, high Al content, austenite and martensite struct. 2—12724
steel, high strength, fatigue failure, fractography 2—3894
steel, high strength Ti-structural type, recrystn. study 2—29391
steel, low C, Al_2O_3 inclusion shape determ. 2—29432
steel, low-C, dislocation struct. form. under static and cyclic loads 2—39783
steel, neutron irrad., defect struct. obs. 2—1232
steel, stainless, secondary defects formed on quench-ageing 2—1244
steel, stainless, types 304 and 316, irradiation produced defects 2—1236
steel, stainless, void formation rel. to neutron irrad. temp., 400-600 °C 2—19073
steel, surface layer, machined, with built-up edge, translational struct. analysis 2—29001
steel, with Nb additive, precipitation study 2—9738
steel 2—39642
steel wires, surface fracture, corrosion, surface defect obs. 2—6559
stilbene derivatives, thin films, structure determ. for electronic current of 3×10^{-7}–3×10^{-6} amps 2—19065
stony meteorites, transmission obs. of thin foils, struct. determ. 2—7543
substrate surfaces microstruct., scanning electron microscope obs. 2—39464
terrestrial rocks and minerals, structure 2—10704
thin section prep. by fracture-extraction technique 2—6414
topography and composition, by scanning X-ray emission microscopy 2—19030
transmission, modified double-jet electrolytic thinning technique for preparing transparent specimens 2—15708
water, absorbed layer 2—29062
water swollen samples, embedding procedure 2—6413
wear tracks, plastic flow, asperities 2—9720
welds, photo-emission microscopy 2—12712
wet specimens, exam. using pressurized specimen chamber 2—9409
X-ray films, grain size distribution 2—38171
Zircalloy-2, cold-rolled, microstruct. 2—29185
Ag-Zn, structure of ordered β' and ζ phases 2—32440
β'-Ag-Zn alloy, martensite formation, electron microscopy 2—1387
Ag, thick film, single cryst., dislocation struct., Luders deform. 2—6543
Ag film, struct. modification due to mech. vibration 2—18931
Ag stacking fault energy, partial dislocation separation, weak beam method 2—3787
Ag_3Mg, long period ordered, plastic deformation, dislocation splitting, stacking faults 2—25501
Al- Mg-Zn alloy, fatigue fracture obs. 2—9707
Al-Cu alloy, ageing 2—25571
Al-Cu alloy, coarsening of θ'' and θ' precipitates, obs. 2—9751
Al-Cu alloy, coherency loss of θ' precipitates 2—12966
Al-(4 wt.%)Cu alloy, fibrous struct. of precipitates produced at scratch 2—39917
Al-Mg-Si alloy, precip. study 2—25576
Al-9%Mg alloy, effects of additional elements on ageing characts.39904 2—39904
Al-Si, alloy, vacancy enhanced nucleation of Si atoms, precipitation 2—3953
Al-Zn alloy, vacancy-Zn atom pair binding energy 2—36017
Al-Zr alloy, recovery and recrystallization after cold working at liq. N_2 temp. 2—15912
Al, creep resistance, interstitial loop formation effects 2—3878
Al, ductile rupture surface study 2—39812
Al, effect of In on dislocation loop annealing 2—12769
Al, elec. irrad. damage in h.v.e.m., defect cluster growth 2—32491
Al, explosion welded, interface structure 2—3945
Al, fine subgrain struct. adjacent to fatigue cracks 2—32543
Al, oxidation, reversible transform., hot stage electron microscopy obs. 2—40811
Al, quenched, annealing behaviour of three- and four-layer dislocation loops 2—39693
Al, quenched, dislocation density 2—15822
AlCu, AlMgSi alloy, temper vacancy elimination rel. to precipitation stages 2—15897
β-Al_2O_3:Ag, lattice plane and Ag migration obs. 2—9446
Al_2O_3, metallographic polishing powder, evaluation 2—36192
Al_2O_3, plasma arc sprayed 2—15663
$Al(OH)_3$, surface topography during growth from seeded caustic aluminate soln. 2—18990
Au-SiO films, elec. cond. and substruct. 2—12656
Au-0.65at.%Zn, nucleation of stacking fault tetrahedra. 251-393K3589 2—3589
Au, electrodeposit growth and morphology 2—9269

Electron microscope examination of materials continued
Au, heavy ion irrad. defect cluster visibility, chromatic aberration effect 2—9520
Au, nucleation of stacking fault tetrahedra, 251-393 K 2—3589
Au, selected zone dark field microscopy obs. 2—19031
Au, struct., conical illum. bright field electron microscopy, selected area diffr. 2—9400
Au, Xe ion irradiation cascade threshold energy 2—9516
Au film, on Si, rel. to possible surface stabilized cpd. form. 2—3493
Au on NaCl, nucleation and growth, high-resolution shadow casting obs. 2—39495
Au thin films, 0.3-1 μ, structure determ. 2—29871
AuCu II alloy particles, growth and struct. 2—6346
BaO_2ScO_3 pressed thermionic emitters 2—25973
$BaTiO_3$, ferroelectric domain structure 2—10120
Bi film, evaporated, cross-sectional struct. 2—29029
C-SiC alloy, codeposited, microstruct. 2—32447
C, black, interplanar spacing, microstruct. 2—19043
C, fibres, crystalline nature 2—9459
C, methane pyrolysis over transition metal, manner of carbon and graphite formation 2—39499
C fibres, fine structure 2—9461
C fibres, ultrafine struct. phase contrast microscopy 2—9460
C vitreous, structure study 2—6290
$CaAl_2Si_2O_8$, anorthite, domain texture 2—32449
$Ca_2Sr(C_2H_5CO_2)_6$, ferroelectric domain structure 2—10120
Cd, whisker growth, from thin Cd films, transmission, replica techniques 2—3552
Cd layer, recrystallization, etching 2—18934
$Cd_{0.1}Hg_{0.9}Te$, film, vacuum deposited, structure 2—10012
CdS:Ag film, evaporated, recrystalliz.. 2—35888
CdS, etched {00.1} faces, surfaces structure 2—9247
CdS, pin-like whisker, head, growth mechanism 2—25216
CdSe, morphology of thermally etched basal surfaces 2—12645
Co-1wt.% Be-7 wt.% Ta alloy, metastable struct. states in solid state decomp. 2—32450
Co-1.7 wt.% Be alloy, metastable struct. states in solid state decomp. 2—32450
Co, crystal thickness depend. of stacking fault contrast 2—9569
Co, polycryst., mag. domain struct., Kossel line obs. in SEM 2—33126
Co thin crystal, bubble domain form. and struct. 2—19863
Cr film, evaporation deposited, surface, rel. to oxidizing and nitriding treatments 2—39503
$Cr(OH)_3$ spheres suspended in water and mechanism of formation 2—30717
Cu-2at.%(10at.%Al work hardened, stage II, dislocation arrangements meas. 2—3788
Cu-Al-Ni alloy, γ'-phase morphology 2—36042
Cu-Al-Zn alloy, stacking fault energy determ. 2—12773
Cu-Al, single cryst., internally oxidized, particle size and distrib., SEM obs. 2—15716
Cu-1.8 wt.% Be, microsctruct. changes, Guiner Preston zone growth, rel. to ageing 2—19247
Cu-(10 at.%)Al alloy, dislocations, computer simulation comparison 2—22207
Cu-Al alloy, microstruct. following explosive shock deform. 2—9650
Cu-Be-Co alloy, ageing sequence 2—29299
Cu-Be alloy, h.v. microscopy, in situ damage, effect of temp. and impurities 2—22183
Cu-Co alloy, work hardening, dislocation arrangement obs. 2—19243
Cu-Cr, immiscible film, thermally induced phase separation, nucleation, growth 2—6350
Cu-Fe, alloy, film, effect of precip. and matrix on phase transform. 2—6635
Cu-Ni-1 wt.%Si alloy, ageing behaviour, precip., GP zone form., struct. 2—25578
Cu-Ni-Fe, spinodal alloy, microstruct. changes on fracture 2—9685
Cu-Ni alloys, rel. to cyclic deform. effects on resistivity 2—15905
Cu, Cu^+ irrad., defect cluster size and distrib. 2—1235
Cu, deformed, dislocation cell size and density, elec. microscope obs. 2—36031
Cu, dislocation arrangements resulting from Zn diffusion 2—25404
Cu, ductile rupture surface study 2—39812
Cu, electron irrad., Frank loops, growth and form, vacancy and interstitial absorpt. 2—3789
Cu, explosion welded, interface structure 2—3945
Cu, h.v. microscopy, in situ damage, effect of temp. and impurities 2—22183
Cu, microstruct. following explosive shock deform. 2—9650
Cu, neutron irradiated, defect cluster visibility, chromatic aberration effect 2—9520
Cu, stacking fault energy, partial dislocation separation, weak beam method 2—3787
Cu, stacking fault energy, weak beam method 2—3786
Cu crystal, fatigue cracks 2—3908
Cu films, oxidation, in situ obs. 2—18936
Cu surface, Ar ion bombardment, scanning obs. 2—18921
Cu_3Au-Co alloy, precip.-hardening 2—29383
Cu_3Au, single cryst., fine structure of slip lines, elec. microscope obs. 2—15717
CuSe alloy, struct. of 2H and 12H modifications 2—29139
Cu_3Se_2, formed by solid state reaction, planar defects obs. 2—36043
Fe-Al alloy, dislocations and antiphase boundary obs. 2—25406
Fe-Al alloy, ordered, vacancy elimination due to linear defect form. 2—39695
Fe-Cr-Al, alloy, struct. imperfections in thin oxide surface film 2—6490
Fe-Cr-Ni-P, steel, stainless, austenitic, precip., quenching defects, microstruct. 2—6483
Fe-Cr-Ni, alloy, transitional ferrite phase form. 2—29435
Fe-Cr-Ni alloy, transitional ferrite phase form. 2—29434
Fe-Cr-Ni steel, austenitic, H embrittlement 2—29308
Fe-Cu steel, low C, ageing, stable lath substructure obs. 2—25629
Fe-Mn alloy, α' martensite nucleation, elec. microscope obs. 2—19301
Fe-Mo-C, steel, martensite, secondary hardening during ageing, rel. to Co, Mn, Al additions 2—29398
Fe-Mo-Co, alloy, quenched from $\alpha+\gamma$ field, transform. microstructs. 2—12998
Fe-Nb-C, steel, segregation mech., phase struct., annealing tests, electron refr. obs. 2—32729
Fe-Ni-Co-Mo, steel, pre-precipitation and reversion 2—9809

Electron microscope examination of materials continued
Fe-Ni-Co-Mo alloy, martensitic, formation of metastable ω phase 2—36299
Fe-Ni-Cr-Ti steel, austenitic, plastic deform. rel. to σ-phase form. 2—29471
Fe-Ni-Cr, austenitic, carbide nucleation and precipitation, B effect 2—9810
Fe-Ni-Cr, steel, B solubility, solubility curve, solubility boundary 2—22340
Fe-Ni-Mo(V)-C alloy, martensite transform. twinning 2—9807
Fe-Ni film, electrodeposited, struct. and anisotropy, lack of correl. 2—36723
Fe-Ni martensite, transform. induced substructs. obs. rel. to mech. props. 2—22358
Fe-Ni whiskers, structure obs. 2—18950
Fe-Si, alloy, edge and screw dislocation mobility, h.v.e.m. obs. 2—25407
Fe-Si alloy, order-disorder transition, obs. 2—6636
Fe-Ti steel, struct. props. determ. by optical and electron microscopy and electron refr. 2—32698
Fe, cast, ductile rupture surface study 2—39812
Fe, cast, white and grey, thin foil irrad., extraction replica prod. 2—32456
Fe, deformed, dislocation structs., HVEM analysis 2—39696
α-Fe, pure, artificially shock loaded, defect struct. 2—3709
Fe, single cryst. film, oxidation, isolated oxide grains 2—9273
Fe, thick epitaxial film, inclined 90° domain walls obs. 2—13408
Fe_7S_8, pyrrhotite, defect struct. obs. 2—22201
Fe—Ni alloy, martensite transform, twinning 2—9807
Fe—V—Nb—C alloy, VC_x precip. 2—9769
GaP, light emitting diode material, cathodoluminesc. 2—22813
GaP whiskers, grown by vacuum evaporation 2—9294
$Gd_2(MoO_4)_3$, moving ferroelec. domains, moving microscopy obs. 2—25927
GdO, antiphase boundaries 2—25333
GdO, single crystals, struct. and growth 2—9473
Ge, amorphous films, observation of voids at substrate temperatures of 25 and 150°C 2—9522
Ge, film, growth, struct., optimum epitaxial growth condition 2—6351
Ge (111) face, surface struct. disturbances 2—29002
Ge film, amorphous, crystn. 2—40286
GeTe-SnTe, alloy, film, plasma energy, electron energy loss spectra 2—4143
InAs, coherent twin boundaries 2—19106
KBr, twist grain boundaries 2—9579
KCl projection grown on W substrate, field emission microscopy 2—6358
LiF, neutron irrad., defects, struct., effect of annealing 2—32487
Li_2O-SiO_2-P_2O_5 glass, crystallization 2—6291
$Li_2O.P_2O_5.SiO_2$ glass, lithium disilicate crystn. 2—39440
Mg-Cd alloy, ordering process study 2—6437
Mg, single crystal, vapour grown, crystal morphology, SEM obs. 2—18983
MgO microcryst., compressive strength 2—9689
Mo:C, C distrib. and diffusional mobility 2—36052
Mo-N, solid soln., supersaturated, effect of isochronic ageing, electron microscope obs., 200-500°C 2—25599
Mo-Re-C alloy, C distrib. and diffusional mobility 2—36052
Mo-(35 at. %)Re alloy, slip patterns and deform. twins correl. 2—15765
Mo, effect of adsorbed oxygen on emission image 2—18960
Mo, film, on thermally oxidized Si, microstruct. obs. 2—12660
Mo, neutron irrad. damage and annealing 2—19078
Mo, neutron irrad. damage and annealing 2—19077
NaCl, plastically deformed, surface relief obs. 2—9251
NaCl, twist grain boundaries 2—9579
Nb, crystals, deform., flux line dislocation interaction, dislocation density rel. to annealing 2—25410
Nb, surface, morphology, purity meas. 2—39462
Nb_6C_5, ordering obs. 2—9483
$NbCo_2(Fe_2)$, Laves phases, temp. depend. of microhardness 2—22290
Nb_2O_5-WO_5 Wadsley defect concentration estimation 2—3792
Nb_2O_5, defect struct., correl. between lattice fringes and atomic positions 2—19056
Nd_2O_3, monoclinic to hexagonal transform. under electron irrad., martensitic charact. 2—4000
Ni-2.5 wt.% Be, microstruct. changes, Guiner Preston zone growth, rel. to ageing 2—19247
Ni-Cr-Al, alloy, struct. imperfections in thin oxide surface film 2—6490
Ni-Cr alloy, interfacial energy ratios 2—9573
Ni-Cr film, struct. determ. 2—32373
Ni-Fe film, high temp. domain struct. determ. 2—10223
Ni-Fe films, grain size 2—36728
Ni-Ta alloy, Ni_8Ta nucleation 2—15970
Ni, dispersion hardened, ThO_2 particles, microstruct. 2—9690
Ni, electroless deposits on glass, interfacial props. 2—32372
Ni, electron irradiated in h.v. elec. microscope, point defect cluster formation 2—19069
Ni, interfacial energy ratios 2—9573
Ni, single crystal, mechanical twinning, compression 2—9665
Ni alloys, He^+ion injection effects, surface struct. obs. 2—3498
Ni superalloy, precip. of intermetallic cpds. and carbides 2—32731
Ni superalloy, soln. treated, aged, intergranular films 2—25344
βNiAl, dislocation reactions in high temp. creep 2—9677
$Ni_3(Fe,Mn)$ alloys, antiphase domains 2—6446
$Ni_3(Fe_{0.76}Al_{0.24})$, alloy, ordered domain formation, anti-phase walls 2—9581
Ni—V—C alloy, VC_x precip. 2—9769
PbS film, rel. to mechanisms of photosensitivity 2—36613
Pd, ion implanted, He release obs. 2—12751
Pd, single cryst. film on NaCl, flash evap., structure 2—9280
PtSi, sputtered film, microstruct. obs. 2—3540
Sb cleavage foil, dislocation geometry, obs. 2—19101
Sb_2Te_3, dislocation loops 2—12771
Se layer, recrystallization, etching 2—18934
Si, defect struct., high-resolution phase-contrast technique 2—6491
Si, fixed surface charge visualization, transition metal solution treatment 2—4244
Si, ion-bombardment, amorphous layers depth meas. 2—39675
Si, ion implanted, defect study 2—22181
Si, ion irradiation, occurring in the TEM 2—6477
Si, sputtered, surface damage 2—39467
Si, transmission electron channelling patterns 2—9490
Si epitaxial film, growth mechanism 2—3542

Electron microscope examination of materials continued

- Si film, struct. rel. to growth conditions 2—39524
- Si lattice defects, surface layers, lapping 2—36270
- SiC, fracture chips, disloc. and stacking faults obs. 2—9691
- SiC, fracture surface, imperfections, microstructure, scanning and transmission obs. 2—9697
- β-Si_3N_4, dislocation generation 2—19102
- Si_3N_4, film, Si clusters obs. 2—9257
- SmO, antiphase boundaries 2—25333
- Sn, film growth on SnTe 2—32380
- α-SnO film, formed on Sn substrate 2—12667
- steel, stainless, explosion welded, interface structure 2—3945
- $TaCo_2(Fe_2)$, Laves phases, temp. depend of microhardness 2—22290
- Te, elastic limit and Peierls forces 2—3855
- Te, film, struct., growth, orientation 2—3549
- Ti-Al-Ga, ordered phase formation 2—9774
- Ti, fatigue, slipless, scanning electron microscope obs. 2—36153
- Ti alloy, corrosion in hot saline water 2—10626
- Ti alloy, etching behaviour 2—32399
- Ti alloy, fine subgrain struct. adjacent to fatigue cracks 2—32543
- Ti films, oxidation, in situ obs. 2—18936
- $TiCo_2$, Laves phase, polytypism and stacking faults 2—19105
- $TiCr_2$, Laves phase, polytypism and stacking faults 2—19105
- $Ti_2Nb_{10}O_{29}$, cryst. struct., high-resolution obs. 2—12734
- TiNi, martensitic transformation, surface relief 2—6640
- TiO_2, opacified porcelain enamel, microstruct. 2—32474
- UC, UO_2, electronic stopping power, fission spike props. 2—36390
- UO_2 deform. in compression, dislocation structs. 2—32527
- U_3Si fuel elements, burnup and swelling temp. depend. 2—546
- V, precipitation of $V_{16}N$ 2—15975
- VO, non-stoichiometric vacancy order 2—4011
- VO_x morphology and substruct. of b.c.c. to b.c.t. transform. induced by impurities 2—15976
- W, H_2 adsorption, saturated state, FEM patterns 2—25236
- W, neutron irrad., defect cluster annealing 2—9758
- W, wire annealed, internal cavities in fibre boundaries 2—9582
- W films, oxidation, in situ obs. 2—18936
- W surface, migration of adsorbed Y atoms, field emission microscopy 2—9313
- WC-Co alloy, slip lines, deform. mech. 2—32531
- WC, powder, sintering, rel. to milling, dislocation density effects 2—22348
- WO_3:Nb_2O_5, crystallographic shear 2—25412
- $YFeO_3$, mag. bubble domain detection 2—26074
- Zl-Zr alloy, precipitation of cubic Al_3Zr phase 2—36273
- Zn-Mg dilute alloy, ageing characts. study 2—29405
- Zn dislocation loops and stacking faults 2—15764
- ZnO surface, scanning microscopy obs. 2—29012
- ZnSe, irrad., wurtzite-zincblende transform. 2—9529
- Zr, plastically deformed, dislocations with (c+a) type Burgers vector 2—36123
- $ZrCr_2$, wave dispersive electron beam microanalysis and energy dispersive scanning microscopy 2—22167

Electron microscopes

- *see also Ion microscopes*
- aberrations, image resolution loss 2—2363
- autoradiographic techniques, laboratory photographic processing and handling 2—17759
- axial chromatic aberration by e.m. objective with quadrupole symmetry 2—37910
- axial chromatic aberration correction, resolution improvement 2—37909
- blast furnace for specimen environment control 2—25306
- brightness, axial, relativistic corrections 2—17548
- calibration, Moire fringes, Cu and Ag film applics. 2—39489
- Christov high intensity grip cap alignment 2—5334
- closed wet cell for liquid retention in vacuum of transmission microscope 2—30717
- design, applications and accessories, review 2—39609
- diffractometer attachment, radial distrib. analysis applic. 2—29122
- double tilt stage, 60° 2—9419
- EM6, cathode cap for use with pointed filaments 2—17547
- emission, axial chromatic aberration correction 2—17561
- emission, axial chromatic aberration correction by quadrupole electromagnet objective lens 2—17560
- energy analysing, combined with spectrometer 2—3661
- energy analysing, Mollenstedt device developed for use as dispersive unit 2—17558
- evacuation using adsorption pumps 2—20789
- field aberrations, investigation on basis of Glasers aberration theory 2—7861
- field objective lens, high-induction in scanning instrument 2—27428
- filaments, technique for direct obs. 2—3666
- heating device for temp. control, for metal whisker growth obs. 2—35972
- heating of object for observations at temperatures up to 3000°C 2—34323
- heating stage, automatic temperature controller 2—1219
- high performance, Hitachi, HU-12 2—34322
- high resolution, magnification calibration 2—7864
- high voltage, hot stage and experimental cell 2—3667
- hydration chamber, direct insertion of wet specimens, JEOLCO electron microscope 2—9408
- hydrostatic gas bearings for column support 2—7860
- image analysis systems, Quantimet 720 2—5408
- image and diffraction plane pictures, phase determination 2—7858
- image intensification by Si diode array target 2—17563
- image intensifier modification, fibre optics plate, Image Orthicon tube 2—7872
- image recording system, dynamical obs. 2—7862
- lens, second condenser, modular design 2—7855
- lens regulator systems, thermal disturbance reduction 2—7854
- linkage to Quantimet image analysing computer for assessment of particle size distrib. in polymer lattices 2—6265
- magnification test specimen from replica of cross ruled grating 2—5331
- mirror, combined with electron beam machine 2—23525
- mirror, focused image contrast 2—27430
- mirror, for exam. of recombination waves in Ge 2—4236
- mirror, voltage sensitivity 2—5329
- mirror, with guide field 2—17559
- modification for exam. of wet. specimens and water, differential pumping 2—9079
- operating principle, instrumentation, specimen techniques 2—29126
- optical column, shelved support structure 2—7849

Electron microscopes continued

- optics and lenses, free electron physics, book 2—17831
- photo-emission, application to welding technology 2—12712
- photoelectron spectrometer, design, computer analysis 2—23539
- point cathode temp. and Fresnel fringes 2—27429
- pressurized specimen chamber, for exam. of wet specimens 2—9409
- research application 2—34325
- scanning, accessories 2—37913
- scanning, applications, conference 2—5330
- scanning, as system 2—29121
- scanning, conf., Chicago, USA, Apr. (1972) 2—39613
- scanning, design and development inc. TV display, specimen handling and vacuum system 2—6412
- scanning, dual needle piezoelectric micromanipulator 2—39612
- scanning, field emission source in corporation, determ. of resolution limit in secondary electron mode 2—37918
- scanning, high resloution colour recording 2—7866
- scanning, instrumentation for 1600°C op. 2—37912
- scanning, instrumentation for liq. He temp. op. 2—37911
- scanning, medium resolution, performance 2—6411
- scanning, operating principle and possibilities 2—7856
- scanning, performance limitations due to electron-electron interactions 2—37917
- scanning, simultaneous display system of multiple magnification images 2—37916
- scanning, specimens for testing resolution 2—7859
- scanning, storage-display system 2—37915
- scanning, testing for distortions 2—3659
- scanning, transmission stage 2—22144
- scanning, used in conjunction with cathode ray tube to obtain 3 dimens. pictures 2—23541
- scanning, voltage measuring by cylindrical secondary electron detector 2—37914
- scanning, with spectrometer for obs. of Co and W in cemented carbides 2—4620
- scanning device combination 2—7865
- scanning with solid state detector for X-ray spectra 2—3678
- simple scanning, high resolution 2—5332
- specimen chamber, high vacuum large volume 2—23205
- specimen rod with demountable double tilting facilities 2—22143
- specimen stage, low temp., with airlock for Siemens Elmiskop I 2—19035
- spherical aberration correction, lens system 2—14388
- spherical aberration correction of magnetic lens using transparent foils 2—5333
- superconducting objective lens and precision high voltage supply 2—2364
- tilting cold stage 2—9371
- trajectory displacement, automatic recording, calc. 2—14392
- transmission, illuminating system using field-emission source and prefield of condenser-objective 2—14391
- TV, image intensifiers, design 2—37908
- type UEMV-100 V, specimen holder for scanning electron diffraction pattern 2—22142
- various instruments appl. to surface microtopography 2—6307

Electron microscopy

- *see also Crystal structure, atomic*
- atomic image formation by high energy electrons, relativistic analysis 2—11443
- autoionic points, method for shape det. 2—19018
- biological system, model, contrast calc. 2—9412
- chromatic aberration, effects on image resolution and contrast 2—19034
- Coates projections, computer generation and identification 2—32425
- computer applications, micrograph enhancement 2—9411
- computer applications, review 2—25282
- computer image analysis, specimen with helical symmetry 2—9413
- computer synthesis and filtration of electron micrographs of simple molecular objects 2—9402
- conference 2—3672
- conical illum. bright field electron microscopy, selected area diffr. 2—9400
- controlled environment for specimens 2—20768
- critical voltage meas., h.v., errors 2—25310
- crystal defect, direct resolution 2—1233
- crystalline particle identification, very small size 2—19256
- defect clusters visibility, chromatic aberration and energy loss 2—9520
- defect metallography 2—32498
- diffraction limited imaging attainment by 'a posterion' holographic image deblurring 2—23540
- diffusion phenomena in solids, photo-emission electron microscope 2—9612
- diffusion zone struct., diffusion process obs. 2—32326
- direct inspection, microscope with goniometer stage, structure analysis 2—3671
- dislocation contrast, many-beam effects 2—9552
- dislocation distribution, stereoscopic anal. using h.v. micrographs 2—9555
- dislocation loop, analytical expression for black-white contrast figures 2—22204
- electron beam intensity profile measurement 2—9524
- electron device scanning, informational signal processing 2—3668
- electron diffraction technique, microarea, metallurgical applications 2—3657
- electron micro-holography, off-axis 2—17653
- energy dispersive X-ray spectrometer/scanning electron microscope combination, computer programme for plotting 2—22900
- field emission source, interf. expts. 2—9406
- film, strained, deform. of cross-linked domain boundaries 2—29821
- Fourier image processing, phase contrast microscopy and compensation of aberrations 2—9417
- fractography, comparison of scanning and transmission obs. 2—9704
- fractography, improvement in specimen preparation 2—19221
- frozen-etched biological specimen preparation 2—23143
- goniometric head for electron microscope 2—39607
- high angle grain boundary structure, plane matching theory 2—32541
- high resolution, combined with X-ray microanalysis, apparatus 2—9410
- high resolution, graphite support film prep. 2—25311
- high resolution, magnification calibration 2—7864
- high resolution standards, prep. of metal films 2—9259
- high voltage, advantages in material obs. 2—3670
- of human lung disease among industrial workers 2—7590
- h.v., applications 2—35978
- h.v., applications at Berkeley, USA 2—3673
- h.v., applications in biology 2—3677

Electron microscopy continued
h.v., critical voltage effect applics. 2—39611
h.v., electron diffr. theory, review 2—29129
h.v., in Europe, survey 2—3674
h.v., optimum diffraction conditions 2—3676
h.v., scanning transmission microscopy 2—3675
h.v. transmission scanning microscopy, diffr. line patterns 2—3701
image reconstruction, precession camera 2—32430
Kikuchi projections, computer generation and identification 2—32425
Kossel-Mollenstedt and Kikuchi patterns, in SEM 2—3665
latex particles size distribution det. 2—25117
Lorentz, method for defocusing distances and magnification obs. 2—2362
lung ultrastructure, effects of hyperoxia 2—11197
materials science applications, review 2—9426
metallographic applications 2—32428
metallographic applications 2—32429
metallography, conference, Aalen, Germany, Sept. (1971) 2—32680
microfractography, and defect origin 2—32640
micrographs, correction of asymmetric distortion characteristics obtained by off-axis photography 2—2361
mirror instrument with guide field, surface meas. appl. 2—17559
molecular, fundamental limitations 2—3129
molecular crystal, dislocation obs. by diffr. contrast. 2—25413
molecular spectroscopy, recent developments 2—29120
operating principle, instrumentation, specimen techniques 2—29126
operations sequences, multimoment frequency anal. 2—39608
optically selected areas, method of examining 2—3662
perminvar ferrite microstructure 2—15712
phase contrast imaging theory, application to structure determ. of thin crystals 2—32427
phase contrast phenomena 2—9415
photographic materials, properties from point of view of use tested with 60 keV electron beam 2—23734
physical metallurgy, tools and techniques, book 2—29372
polymer, radiation damage and contrast effects 2—22185
polymer lattices, particle size distrib. assessment using 'quantimet'—electron microscope linkage 2—18858
preshadowed extraction replica technique, analytical method, appl. to precip.-hardening systems 2—12703
radial distortion measurement 2—3679
reconstruction of substance from shadow, theory 2—2833
reconstruction of three dimensional object from electron micrograph using convolution instead of Fourier transforms 2—112
replica prep. method 2—29123
replica technique, for simultaneous obs. of metal interior and surface 2—19029
resolution, thin object case, spherical aberration effects 2—35971
resolution problems for very thin specimens 2—35970
scanning, absorbed current imagery for surface obs. 2—39619
scanning, accessories 2—37913
scanning, anomalous crystallographic contrast for rolled and annealed specimens 2—39620
scanning, application to active semiconductor devices 2—10077
scanning, application to surface studies and crystallographic obs. 2—6295
scanning, applications, interface with microprobe analysis 2—3669
scanning, C film coating of nonconducting samples 2—19033
scanning, coating of non-conductive specimens 2—39622
scanning, conf., Chicago, USA, Apr. (1972) 2—39613
scanning, crack tip replication 2—9705
scanning, direct coupled image analysis with Quantimet 720S 2—6410
scanning, high spatial resolution X-ray microanalysis of thin specimens 2—39616
scanning, highlights and contrast 2—7867
scanning, instrumentation for 1600°C op. 2—37912
scanning, instrumentation for liq. He temp. op. 2—37911
scanning, invariance under transformation concept applic. 2—39615
scanning, lattice defect images calc. 2—19036
scanning, lattice defects obs. 2—19037
scanning, linked with ion microprobe mass spectrometry for surface analysis 2—16695
scanning, mag. fields, dynamic obs. 2—7825
scanning, micro-autoradiograph obs. at high resolution 2—12809
scanning, operation and applications 2—29127
scanning, phase contrast 2—9422
scanning, predictions for 1970s 2—39614
scanning, resolution and contrast using backscattered electrons 2—9425
scanning, resolution and sensitivity of X-ray microanalysis in biological sections 2—39617
scanning, resolution limit in secondary electron mode for field emission source 2—37918
scanning, resolution standard, comparison and evaluation of specimens 2—39621
scanning, sample preparation 2—9421
scanning, secondary electron image quality at low voltages 2—9424
scanning, single atom contrast 2—9418
scanning, specimen charging prevention 2—39623
scanning, transmitted electron image resolution, rel. to specimen thickness 2—9423
scanning electron diffr. attachment with electrostatic energy filter 2—9407
scanning transmission electron microscopy, high resolution, review 2—25307
scanning X-ray emission microscopy, contrast and resolution 2—39618
scanning X-ray emission microscopy, specimen topography and composition 2—19030
selected zone dark field operation 2—19031
semiconductor sample prep. for transmission mode expts. 2—19032
shadow casting, multiangle 2—9420
specimen grid, C film prepared on benzylamine tartrate organic glass substrate 2—9260
specimen prep. method, cleaving of MgO 2—25309
specimen preparation, frozen fixation of aqueous solns. 2—39610
surface, vertical section geometry meas. method 2—28986
techniques for high temp. mat. obs. 2—9435
tensile specimen preparation, miniature 2—3660
tensile testing device, usable at 123 K for electron microscopic obs. 2—22315
thermionic emission, technique and appl. 2—29128
three dimensional image reconstruction 2—9416
transmission, modified double-jet electrolytic thinning technique for preparing transparent specimens 2—15708

Electron microscopy continued
transmission, resolution and sensitivity of X-ray microanalysis in biological sections 2—39617
transmission electron channelling patterns 2—9490
transmission scanning, comparison of Kossel Mollenstedt and Kikuchi diffraction patterns obtained by this and convergent beam techniques 2—32426
visualization of single heavy atoms by dark field electron microscopy 2—21521
weak-beam method for studying geometry of lattice defects, theoretical analysis 2—29125
I, dark field microscopy, visualization of single atoms, scattering cross sections 2—21521
Os, dark field microscopy, visualization of single atoms, scattering cross sections 2—21521
Pd, dark field microscopy, visualization of single atoms, scattering cross sections 2—21521
Pt, dark field microscopy, visualization of single atoms, scattering cross sections 2—21521
Rh atom imaging 2—9404
U, dark field microscopy, visualization of single atoms, scattering cross sections 2—21521
$ZrCr_2$, wave dispersive electron beam microanalysis and energy dispersive scanning microscopy 2—22167

Electron mobility, solids *see Crystal electron states/transport processes*

Electron multiplier phototubes *see Photomultipliers*

Electron multipliers *see Electron tubes; Photomultupliers*

Electron nuclear double resonance (ENDOR) *see ENDOR*

Electron optics
see also Beta-ray spectrometers; Electron lenses; Ion optics; Particle optics
Aharonov-Bohm effect, review of experiment and theory, misinterpretation of some accounts discussed 2—11441
atomic image formation by high energy electrons, relativistic analysis 2—11443
beam redistribution on encountering object 2—7847
beam system for teaching and research 2—7846
camera, reciprocity of response to coherent light 2—10161
combined cylindrical electron mirrors, dispersion and aberrations 2—30997
cylindrical condenser, monokinetic electron beam in electrostatic field 2—2351
cylindrical electrostatic analyzer for photoelectron spectroscopy 2—31005
cylindrical mirror analyzer, exptl. investig. with 2π-thermionic electron source 2—37897
cylindrical mirror analyzer with surface entrance and exit slots, relativistic treatment 2—27426
cylindrical systems containing diaphragms and thick electrodes, focussing and diverging fields 2—31000
diverging beams, short double, quadrupole, sextupole and octopole lenses, aberration correctors 2—23535
electron-interferometer with field emission cathode for contact potential differences meas. at ultra-high vacuum 2—21031
electrostatic analyzers, fringing field 2—34318
electrostatic fields in systems with wedge shaped cathodes 2—7848
emission electron microscope, axial chromatic aberration correction 2—17560
emission microscope, axial chromatic aberration correction 2—17561
energy analyzer, cylindrical mirror, design parameters 2—23536
ESCA, review 2—40856
field aberrations, investigation on basis of Glasers aberration theory 2—7861
field calculations, diaphragms with slits and thick electrodes with rectangular slit cavities 2—30999
field emission deflection energy analyser 2—23542
focussing properties of 2-, 3- and 4-electrode image converters having mag. focusing 2—38146
Fresnel diffraction of an edge 2—7863
geometrical aberrations correction by octupoles 2—23533
in h.f. fields 2—37900
image convertors, increasing the brightness of autoionic imaging 2—17564
interferometer of Michelson type, obs. of path differences less than electron wavelength 2—14389
interferometers using mirrors, path length differences 2—14390
lens, magnetic, aberration calc. 2—37905
lens system, for electron beam focusing 2—14387
lens system, for spherical aberration correction 2—14388
lenses and microscopes, free electron physics, book 2—17831
magnetic quadrupole lens, third order aberration coefficients, comparison of expressions 2—34320
magnetic spectroscopy for electron spectroscopy, design 2—34321
mass spectrometers, removal of distortion of spectral lines 2—2916
micro-holography, off-axis 2—17653
mirror analyser, cylindrical, with surface entrance and exit slots 2—2360
mirrors, cylindrical, combined, of electric and mag. fields, paraxial properties 2—2354
Moire patterns for monitoring parallelness of beams 2—17546
Mollenstedt electron energy analyser, resolution and dispersion 2—17558
multidetector system for use in low-energy electron spectroscopy 2—31006
optical brightness, relativistic corrections 2—17548
optical column, shelved support structure 2—7849
photography, microcircuit printing, optoelectronic system 2—37906
photomultipliers, reduction of dark current at room temperature 2—34328
quadrupole corrector system, primary aberrations 2—17557
quantum theory of interference effects and correlations 2—31019
relativistic electrons, anal. of radiation induced by plane e.m. monochromatic wave 2—27419
spectroelectrostatic prism, use in photo-electron spectrometer 2—7852
spectrometer, low-energy, multidetector system 2—31006
spherical aberration and resolution in microscopy 2—35971
spherical-grid retarding potential analyzer, resolution and sensitivity 2—37907
spherical-grid-retarding potential analyzer, resolution and sensitivity 2—31004
strongly focussing system, iron-free, operating principles 2—18041
topic for independent study in computer applications course 2—17153

Electron pairs
see also Positronium
storage rings, exptl. investigation of photon-photon collisions 2—14554
$e^+e^-\to e^+e^-$, 1.5-2.1 GeV, test of e-m equivalence 2—17837
$e^+e^-\to e^+e^-$ 100-1000 GeV, weak interaction cross-section calc. 2—5508

annihilation
acetyl methionine, γ-irradiated, correlation between e.p.r. and positron annihilation 2—40752
alkali halide, positron lifetime, vacancy model 2—36372
alkali halide, positron trapping by F- and F′-centres, theory 2—25448
alkaline earth oxides, BaO and SrO, positron lifetime correlations 2—4150
angular correl. apparatus for Fermi surface study 2—16129
angular correl. meas. apparatus 2—29569
β'- brass, ang. correl. curves, Fermi surface 2—16129
cholesterol esters, polymorphic and mesomorphic behaviour 2—25039
colliding beam exprts. 2—14576
colliding electron beams, hadron production, difficulties in theory 2—14578
cyclooctanone, temperature and phase dependence of position lifetimes, -130-+56°C 2—29485
deep inelastic, cross sections, in vector and pseudo-scalar meson theories 2—2521
frozen aqueous solutions, angular correlation of annihilation photons 2—26367
hadronic prod. study in vector dominance model framework 2—5505
hadronic production at 1.9 GeV 2—34708
high q^2 values, as direct check of quantum electrodynamics 2—17795
ionic cryst., ideal, positron states, effective mass approx. 2—6749
ionic crystals, positron annihilation and V-centre prod. 2—29577
DL-leucine, positron annihilation lifetime spectra before and after γ-irradiation 2—22888
light scattering by light using e^-e^+ colliding beams 2—23783
massive muon pair detection, requirement for light cone studies 2—17771
melting meas. applic. 2—18876
metal, core annihilation rates, calc. 2—36431
metal, positron trapping by vacancies, angular correlation data analysis 2—25386
metal single cryst., temp. effects 2—25714
metal surface, electron structure by positron annihilation obs. 2—36419
methane at high densities, orthopositronium quenching 2—21922
nearly-free electron band system, enhancement of lattice tails due to correlations 2—22481
nematic liquid cryst., intermol. forces influence 2—18796
Nylon 6, ortho-positronium annihilation obs. of glass transition 2—15646
operators defined, for electrons in solid, Hamiltonian for N electrons written in second quantized form 2—16128
oxides, positron lifetime spectra 2—40158
plasma diagnostic technique 2—12405
positron annihilation, excitation of levels in ^{115}In 2—11759
positron annihilation in liquids 2—28778
quartz, positron probe for imperfections 2—32488
quartz single crystals, positron annihilation expts. confirming peaks on momentum distrib. of annihilation photon 2—29582
semiconductor, surface effects on lifetime spectra 2—32911
silicone fluids, positronium, three quantum annihilations 2—38237
solid, positron annihilation, total momentum distrib. determ. 2—36369
solid, positron diffusion 2—25701
structure function, in dual resonance model 2—38238
total cross section, dynamical significance of e.m. current dimensions 2—5504
total cross section for annihilation into hadrons 2—17835
transition metal oxides, positron lifetime correlations 2—4150
two-photon mechanism, rel. to mechanism of particle production at high energies 2—14568
vacancy formation energies from positron annihilation 2—19086
virtual $\gamma\gamma$ interactions, investigation 2—11573
Wigner crystal, positron annihilation rate calc. 2—36430
$e^++e^-\to\pi^\pm$+hadrons, structure function and cross section determination 2—11609
e^+e- colliding beams, C-invariance tests and PCAC and current algebra applic. 2—38242
$e^+e\to X^0\gamma$, electromag. X^0 prod., spin parity determ. 2—31309
e^+e-$\to\mu^+\mu$-, cross section determ. at 4 values from 1020-1340 MeV, limit of validity of quantum electrodynamics obtained 2—11556
$e^+e\to$pp cross-section, total energy 2.1 GeV 2—384
$e^+e\to\pi^+\pi$-, comparison with pp$\to\pi^+\pi$- using generalized vector meson dominance 2—17968
e^+e-$\to\pi^+\pi$-$\pi^+\pi$-, analysis using ρ' meson concept 2—38244
$e^+e\to\pi^+\pi$-$\pi^+\pi$-, obs. of broad peak around 1.6 GeV 2—38239
e^+e^- processes at high energy, parton dual-resonance model incorporating final-state interaction 2—14569
$e^+e^-\to X^0\rho^0$, electromag. X^0 prod., spin parity determ. 2—31309
$e^+e^-\to e^+e^-e^+e^-$, 2 GeV, theoretical interpretation of exptl. results, consequences for γ-γ interaction research 2—38240
$e^+e^-\to$hadrons, total cross section by parton dual resonance model 2—14570
$e^+e^-\to\mu^+\mu^-$ 100-1000 GeV, weak interaction cross-section calc. 2—5508
$e^+e^-\to\mu^+\mu^-$ dispersion relations, $(Gs)^3$ terms 2—14577
$e^+e^-\to\mu^\pm\mu^\mp$, as test of quantum electrodynamics and electron-muon equivalence 2—17794
$e^+e^-\to\nu\nu$, dispersion relations, $(Gs)^3$ terms 2—14577
$e^+e^-\to\pi^+\pi^-$, 1.5 to 2.1 GeV, validity of Q.E.D. 2—17837
$e^+e^-\to\pi^+\pi^-$ in ρ energy range with Orsay storage ring 2—38241
Al, positron-vacancy interaction, trapping and nontrapping models 2—29610
As, positron annihilation radiation, angular correl., calc. 2—36433
BeO, positron lifetime correlations 2—4150
α-Ce, ang. correl., electronic struct. obs. 2—25758
Cu-Al alloys, Fermi surface obs. 2—13087
Cu-Ni alloy, ang. correl. curves, Fermi surface 2—16129
Cu-Ni alloys, Fermi surface obs. 2—32879
β-Cu-Zn, ordered, Fermi surface topology from positron annihilation ang. correl. meas. 2—16130
Cu, ang. correl., Fermi surface 2—32880
Cu, ang. correl. curves, lattice defects influence 2—9906
Cu, deformed, positron interaction with defects 2—3778
Cu, Fermi surface obs. 2—29569
Cu single cryst., temp. effects 2—25714
α-CuZn, disordered, Fermi surface topology from positron annihilation ang. correl. meas. 2—16131

Electron pairs continued
annihilation continued
$Cu_{85}Zn_{15}$ alloy, ang. correl. spectra, Fermi surface 2—1475
FeRh, ferro-antiferromag. transition, electron entropy contrib., positron annihilation obs. 2—16372
Ge, surface effects on lifetime spectra 2—32911
Ge single cryst., temp. effects 2—25714
KCl, positron annihilation rel. to positive ion vacancies and F-centres 2—19530
KNO_3-$Cd(NO_3)_2$ glass, positron lifetime, temp. depend. through phase transition 2—36374
Li, crystal, positron annihilation, Fermi surface radii, lattice potential 2—19511
Li, Fermi surface obs. 2—19514
Li, positron annihilation with valence electron 2—5817
NaCl, laser beam irrad., positron annihilation 2—29578
$Nb_3Al_xGe_{1-x}$, supercond., cond. electron conc. obs. 2—40207
Ni-Fe, solid soln., and Mossbauer effect 2—4445
Pb single cryst., temp. effects 2—25714
PbO, positron lifetime correlations 2—4150
Pd-Fe, solid soln., and Mossbauer effect 2—4445
Pd-H, electronic structure detn. 2—19531
Pt-Fe, solid soln., and Mossbauer effect 2—4445
Rh, positron annihilation radiation, angular correl., calc. 2—36433
Sb, positron annihilation radiation, angular correl., calc. 2—36433
Sb, positron annihilation radiation, angular correl. meas. 2—36432
SiO_2 powders, positronium form., ang. correl. obs. 2—40110
Sn single cryst., temp. effects 2—25714
V, positron annihilation radiation, angular correl., calc. 2—36433
W-Re alloy, annealed, plastic deformation, electronic struct., positron annihilation 2—22483
ZrO_2, positron lifetime spectra study of growth 2—39580
production
cascade processes, in strong stationary elec. fields 2—5565
cross section by fast muons 2—24059
double, by 6.13 MeV photons incident of Ge(Li) detectors 2—28016
exact calculations of production by γ rays, method for determ. screening effect 2—21248
molecular coherence effect, Born approx. 2—31738
from multi-photon beam of circularly polarized γ-quanta in nuclear field 2—8114
nuclear energy transitions up to 10 MeV, E1 and M1 multipolarities, pair conversion coeffs. 2—8277
multi-photon beam in nuclear Coulomb field 2—8114
in photon interaction with electrons, possible use to meas. photon beam polarization 2—5507
photoproduction, effect of magnetic field 2—5506
photoproduction in solids, comparison of exptl. and theoretical cross sections near threshold 2—22435
total cross sections, Sandakov technique calc. 2—38243
e^+e^- nucleon lepton pairs, photoprod., role of neutral vector mesons 2—28018
e^+e^- processes at high energy, parton dual-resonance model incorporating final-state interaction 2—14569
$\gamma\gamma\to e^+e^-$ in magnetic field, polarization effects 2—8122
$\gamma\gamma\to e^+e^-$ in magnetic field, role of Compton effect 2—8111
Electron paramagnetic resonance *see Paramagnetic resonance and relaxation*
Electron-phonon interactions
alkali halides, F center, soln. of vibronic model for relaxed excited state 2—36061
alkali metal, rel. to ultrasound effect on Knight shift 2—16655
alkali metals, matrix elements, phase-shift pseudopot. 2—36403
alloy, dil., low temp. resist., Umklapp effects 2—19539
alloy, dil. nonmagnetic, cond. electron scatt., kinetic equation 2—13069
alloy, dilute, low temp. resistivity 2—16134
aromatic hydrocarbon crystals, effect on charge carrier transport 2—25720
effect on bulk thermal expansion at low temperatures 2—16044
coupling constants rel. to energy loss processes of hot electrons 2—13071
crystals, multiphonon light scatt. from impurity centres 2—16452
deformed lattice, coupling in tight-binding approx. 2—29591
exciton-donor complex, ground state energy, calc. in two polaron model 2—4132
exciton-phonon complex, resonance interactions in strong mag. field 2—22457
ferroelectric, wide-gap, interband interaction 2—29749
ferroelectric phase transition, soft vibration modes, vibronic interaction 2—16281
ferromagnetic semiconductor, high field transport 2—4199
heating influence on cyclotron reson. saturation 2—1471
Jahn-Teller centre, elementary excitations, light scattering 2—19991
metal, amorphous and disordered, phonon enhanced cyclotron mass and electronic sp. ht. 2—16101
metal, damping of h.f. sound waves, theory 2—19406
metal, dirty normal, phonon damping study, thermal Green function 2—13067
metal, effects on quasiparticle damping 2—16084
metal, electrical cond. at low temp. 2—22486
metal, e.p.r. width, temp. depend. 2—22822
metal, h.f. cyclotron reson. obs. 2—16126
metal, low temp. thermopower, oscill. temp. dependence explained 2—16135
metal, phonon induced self energy and mass enhancement of electrons 2—4107
metal, Raman scatt. line broadening 2—16514
metal, sound propagation, generalized transport eqns. taking electron-phonon interactions into account 2—40059
metals, influence on phonons damping 2—1454
in metals, internal gravity induced electric fields, introduction of anisotropic terms 2—9914
metals, rel. to core electron effect, electron-photon interaction 2—4095
m.i.m. junction, effects on tunnelling 2—19722
noble metal alloy, rel. to failure of rigid band model 2—32878
nonlinear galvanomagnetic effects, quantum limit 2—19488
organic crystals, effect on charge carrier transport 2—25720
periodic deformable lattice, effect of vibrational state on charge carrier trapping 2—29587
photoemitter, rel. to boundary scatt. effects in thin films 2—33087
resonance Raman scattering, selection rules 2—16511

- **Electron-phonon interactions** continued
  - resonant coupling in solids, acoustic surface waves 2—22416
  - resonant Raman scattering, at impurity centres, by asymmetric vibration 2—16513
  - scattering, contrib. of two-phonon processes to anomalous Hall effect 2—6757
  - semiconductor, Boltzmann equation for acoustic phonon scatt. 2—16199
  - semiconductor, cond. band nonparabolicity influence on electron heating 2—13252
  - semiconductor, direct exptl. obs. 2—16082
  - semiconductor, GaAs, rel. to u.s. generation and amplification in single crysts. 2—4049
  - semiconductor, many-valley, transverse galvanomag. coeffs., strong elec. field 2—6851
  - semiconductor, multiphoton intraband transitions, uniform mag. field, e.m. wave interaction 2—6828
  - semiconductor, multivalley, multivalued equilib. distrib. of current carriers 2—22546
  - semiconductor, ohmic and nonohmic transport, nonparabolicity and overlap effects 2—19622
  - semiconductor, phonon transmission, impurity effects 2—32832
  - semiconductor, photoelec. props., phonon heating effects 2—40375
  - semiconductor, piezoelectric, non- normalizability of hot electron distrib. function 2—29653
  - semiconductor, thermal resist., trial function 2—9901
  - semiconductor resonant type current anomalies in high-field transport 2—32965
  - semiconductors, homopolar, multiphonon capture of hot electrons by deep traps 2—29657
  - semiconductors, pseudoresonances in magnetophonon structure 2—19624
  - small polaron theory, diagrammatic techniques 2—9943
  - spin-phonon, electron-surface wave interactions, conference (San Francisco, Oct. 1970) 2—20936
  - superconductor, coupling in tight-binding approx. 2—29591
  - tight-binding approx., Bloch formulation validity 2—19490
  - transition metal, supercond., high T_c systematics 2—16188
  - transition metal carbides, strong interactions and supercond. 2—19388
  - transition metal carbides and nitrides, rel. to supercond. 2—13182
  - transition metal compounds, phonon spectra anomalies, resonances electronic polarization 2—25657
  - transition metals, coupling consts. and supercond. 2—29646
  - transition metals, coupling in tight-binding approx. 2—29591
  - transition metals, coupling matrix elements 2—29600
  - transition metals, estimation of coupling constant rel. to superconducting transition temp. calc., role of d-resonances 2—32931
  - transition metals, Hamiltonian separation 2—16189
  - u.s. investigation 2—40189
  - Ag alloys, phonon drag thermopower, 4-300K 2—40371
  - Al-M, M=Au, Cu, Mg, Zn, Ge, deviations from Matthiessen's rule 2—16141
  - Al-Pb junctions, superconducting 9.3 GHz phonons 2—4164
  - Al, influence on phonons damping 2—1454
  - Al, mixed plane wave effects 2—19489
  - Al, momentum non-conservation rel. to impurity effect 2—1482
  - Au-Zn alloys, electronic sp. ht. below 3K 2—4064
  - $AuSb_2$, effects on low temp. sp. ht. 2—4065
  - AuSn, effects on low temp. sp. ht. 2—4065
  - $BaTiO_3$-CdSe, two layered system, u.s. amplification and absorption, prop. to elec. field 2—13032
  - CaF_2, crystals, hydrogenated, deuterated, containing Pr, i.r. local mode spectra, vibronic splittings 2—10368
  - CaF_2, in absorpt. spectrum of colour centre 2—13472
  - CaF_2, containing ion pairs of Gd, Ce, Pr with H, D, T, rel. to spectra 2—10499
  - Cd, phonon limited mean free path, r.f. size effect 2—16085
  - $CdIn_2S_4$(:Sb), carrier scatt. by polar optical vibrs. 2—22529
  - CdS, interactions between lattice and electronic excitations which luminesce studied in Franck Condon model 2—10419
  - CdS, nonlinear, acoustic convolution 2—4055
  - CdSe film, on $Ba_xSr_{1-x}TiO_3$ substrate, I-V characts., supersonic carrier drift vel. 2—19416
  - p-CdTe:S, i.r. absorpt. spectra, 90-470K 2—22761
  - Cr-W alloy, effect on resonant mode 2—40127
  - Cu-Ag-Au alloys, effects on low temp. sp. ht. 2—4065
  - Cu, thermal resist. between electron and phonon systems 2—32853
  - DyAl garnet, reson, electronic Raman effect 2—26191
  - $DyVO_4$, Jahn-Teller system, Raman theory 2—20066
  - n-GaAs, magnetophonon reson., many-phonon scatt. 2—19641
  - n-GaAs, rel. to carrier conc. depend of i.r. absorpt. 2—29915
  - GaAs, rel. to u.s. generation and amplification in single crysts. 2—4049
  - GaAs film, rel. to magnetoresist. anisotropy 2—19678
  - Ge:As, heavily doped, cond. electron spin relax., e.s.r. obs. 2—20135
  - Ge:P, rel. to phonon cond. 2—32854
  - Ge-Si alloys, heavily doped, resistivity, electron scatt. by phonon, acoustic and ionized impurity modes 2—32982
  - n- Ge, compensated, excess thermal resistivity 2—36544
  - n-Ge, high-field conductivity, non-equiv. intervalley scatt. effects 2—13272
  - Ge, phonon mean free path 2—6849
  - Ge, role in u.s. attenuation and thermal cond. 2—29532
  - HfC, strong interactions and supercond. 2—19388
  - Hg, mass enhancement, temp. depend. 2—25785
  - In-Tl alloys, rel. to supercond. 2—40205
  - p-InSb, absorpt. mech., phonon assisted band-band transitions 2—22768
  - InSb, direct obs. using heat pulse expt. at liquid He temps. 2—1517
  - InSb, electron mobility in high elec. fields 2—22537
  - InSb, electron scatt. mechanisms 2—36509
  - InSb, electron velocity, in strong electric and magnetic fields 2—16210
  - n-InSb, energy relax. mechanisms, low temp. 2—32985
  - p-InSb, Hall coeff. field depend., hole scatt., 77 K 2—22551
  - N-InSb, heavily doped, cond. electron spin relax., e.s.r. obs. 2—20135
  - n-InSb, magnetophonon resonance of hot electrons at 77K 2—36527
  - InSb, u.s. attenuation obs. 2—32838
  - InSb tunnel junction obs. 2—33027
  - K, low temp. resistivity, Bloch T^5 law failure 2—16145
  - $KX:Tl^+$, X=Halogen, Tl^+ induced electron-phonon interactions rel. to Raman spectra 2—16086
  - La, supercond., coupling strengths 2—29636
  - $LaIn_3$, enhancement factors from sp. ht. obs., 1.5-4.2K 2—16036
  - Li, mass renormalization 2—1455
  - Na, local field effects, application to resistivity in low temp. region 2—1456

- **Electron-phonon interactions** continued
  - Na, low temp. resistivity, Bloch T^5 law failure 2—16145
  - Na, rel. to elec. and thermal cond. 2—19463
  - Nb, supercond., coupling strengths 2—29636
  - $NbAs_2$-type compounds, rel. to supercond. behaviour 2—32927
  - Pb, mixed plane wave effects 2—19489
  - Pb amorphous and disordered, phonon enhanced cyclotron mass and electronic sp. ht. 2—16101
  - $Pb_{0.7}Bi_{0.3}$ alloy, effect on superconductivity, deviations from weak coupling BCS theory 2—4166
  - n-PbS, Nernst effects, scatt. mechanisms, 1-80K 2—25949
  - Pd-Ni alloy, temp. and comp. effects 2—22494
  - Pd, high temp. transport props. interpret. 2—36367
  - $PrIn_3$ enhancement factors, from sp. ht. obs., 1.5-4.2K 2—16036
  - Si:P, heavily doped, cond. electron spin relax., e.s.r. obs. 2—20135
  - n-Si, acoustic phonon scatt. rel. to uniaxial stress at 90K 2—16242
  - n-Si, phonon drag, thermopower 2—6894
  - Si, role in u.s. attenuation and thermal cond. 2—29532
  - Si (110) surface, rel. to electron mobility anisotropy at low temp. 2—36548
  - n-SiC:N, Raman scatt., interf. between donor electrons and pure crystal phonons 2—16565
  - Si_2Te_3, amorphous band model 2—19671
  - SrF_2, crystals, hydrogenated, deuterated, containing Pr. i.r. local mode spectra, vibronic splittings 2—10368
  - SrF_2, containing ion pairs of Gd, Ce, Pr with H, D, T, rel. to spectra 2—10499
  - $SrTiO_{3-x}$ and $Ca_ySr_{1-y}TiO_{3-x}$, soft mode supercond. 2—19598
  - Ta, supercond., coupling strengths 2—29636
  - TaC, strong interactions and supercond. 2—19388
  - $TbVO_4$, Jahn-Teller system, Raman theory 2—20066
  - Te, rel. to temp. depend. of microwave absorpt. 2—25844
  - VO_2, film, photon-electron-phonon energy transfer, metal-insulator transition 2—10054
  - VO_2, semiconductor- metal transition. Raman scatt. obs. 2—16571
  - VO_x, rel. to semicond.-metal transition 2—10055
- **Electron probe analysis**
  - apparatus for determ. the best conditions for photographing the image 2—30120
  - applications to thin film physics 2—40852
  - backscattering correction for quantitative microanalysis with electrons incident at 45° 2—4621
  - biological tissue investigations 2—30117
  - colour display instrumentation 2—13601
  - and colour etching, combined metallographic technique 2—36227
  - colour recording, high resolution 2—7866
  - composition, computer det. 2—30118
  - computer applications, review 2—25282
  - computer interface with scanning electron microscopy 2—3669
  - density of gas in aerodynamic flow 2—9022
  - electron microscope attachment, qualitative analysis 2—32429
  - energy dispersive X-ray spectrometer/scanning electron microscope combination, computer programme for plotting 2—22900
  - experimental considerations and quantitative analysis, review 2—37068
  - fixed charge pulse counter, improvement, allowing quantitative analysis 2—30119
  - fundamentals and applications, review 2—16712
  - glass, crystals in bubbles, method for analysis 2—32315
  - glass and raw materials, particular ref. to Na and F 2—22899
  - lunar samples, rel. to origin of the Moon 2—4958
  - use in medicine and biology 2—13599
  - metal film, diffusion of disparate metal obs. 2—39732
  - microanalysis appl. to determ. of equilibrium diagrams 2—4622
  - microprobe, simplified, operation 2—7196
  - microprobes, direct coupled image analysis with Quantimet 720S 2—6410
  - microprobes performance 2—40853
  - molecule, rot. temp. meas. 2—31751
  - paintings, cross-section analysis by electron microbeam probe 2—22901
  - parasitic C_k X-radiation, ZrC diffusion couples 2—40855
  - particles, microprobe analysis 2—10673
  - particles, microprobe analysis 2—10672
  - performance limitations due to electron-electron interactions 2—37917
  - principle and application 2—30124
  - scanning electron microscope with solid state X-ray detector 2—3678
  - steel, austenitic stainless, 20%Cr-25%Ni, localized melting 2—36301
  - steel, small inclusions, quantitative study 2—36236
  - theoretical correction systems in quantitative microanalysis, synopsis 2—40851
  - thin foils using thin standards 2—13600
  - video-monitoring device for microprobe instrument 2—25308
  - CdS, ion-implanted Bi depth distrib. 2—39710
  - Cu-Cr system, solubility limits determ. 2—39923
  - Cu-Mn, liquidus and solidus curves, obs. 2—3433
  - Cu-Ni, liquidus and solidus curves, obs. 2—3433
  - Fe-Cr-Mn, microanalysis 750-950°C, phase diagram calc. 2—6645
  - Fe alloys, low C content determ., technique using anticontamination device 2—37069
  - HgTe thin films, investigation of chemical composition 2—4619
  - Mo-Pd system, diffusion, 1000-1600°C 2—36078
  - Ni-Co alloys, microanalysis corrections 2—16711
  - Si, electrical crystal disturbances depiction 2—29706
  - Ti-Al, alloy, microsegregation of Al, rel. to cooling rate, comp. 2—29440
  - Ti-Mo, alloy, microsegregation, rel. to cooling rate, com. 2—29439
  - Ti-V, alloy, microsegregation, rel. to cooling rate, comp. 2—29439
  - TiC, stoichiometric, purity obs. 2—22347
  - U-Se-C ternary system, phase equilibrium, solid state compatibility relationship 2—29482
  - U-Te-C ternary system, phase equilibrium, solid state compatibility relationship 2—29482
  - W vortex plate, cracking, gas combustion, defects 2—32641
  - WC-C cemented carbides, quantitative analysis using X-ray and scanning electron microscope 2—4620
  - $ZrCr_2$, wave dispersive electron beam microanalysis and energy dispersive scanning microscopy 2—22167
- **Electron probe microanalysis** *see Electron probe analysis*
- **Electron resonance** *see Cyclotron resonance; Paramagnetic resonance and relaxation*
- **Electron spin resonance** *see Paramagnetic resonance and relaxation*
- **Electron states in solids** *see Crystal electron states*
- **Electron structure of solids (crystallography)** *see Crystal structure, atomic*

Electron structure of solids (energy structure) *see Crystal electron states*

Electron theory
see also Quantum electrodynamics
free electron physics, optics, detection, spin, magnetic moment and relativistic behaviour, book 2—17831
polarization, influence of external e.m. field 2—17536
spherical model of electron with real own rotation 2—23795

Electron theory of metals *see Crystal electron states; Metals/theory*

Electron traps
see also Crystal electron states/impurity states effects
alcohol glasses, radiolysis and electron trapping 2—13593
amorphous solid, Poole-Frenkel cond., screening effects 2—22452
anthracene film, space charge limited currents with uniform and non-uniform trap distrib. and size effects 2—40266
with Coulombic potential, space-charge- limited currents in insulators 29656 2—29656
cyanine dyes, photographic sensitizing, depths 2—16319
diamond, semicond., hole capture rel. to thermoluminesc. 2—26245
diamond, semicond., thermoluminesc. theory, trapping model, depth and cross-section 2—26246
dielectric with shorted electrodes, decay of excess charge 2—4270
diphenylpolyene, film, trap distrib., space charge limited current obs. 2—40267
insulator, electronic polarization effect, review 2—40136
insulator, high field and thermally stimulated currents 2—22521
ionic cryst., absorpt. bandshapes, quadrupole coupling 2—33246
3-methylpentane γ-irrad. at 77K, effects of optical bleaching on luminescence decay and trapped electron conc. 2—26229
methyltetrahydrofuran glass energy levels structure of trapped electrons deduced from photoconducting and bleaching 2—36615
in m.i.s. structure, volume and interface, simultaneous detn. from C-V characteristics 2—4259
mixed valence semiconductor, spin-state trapping, hopping conduction 2—9997
m.o.s. structure, photocond. and CV characts. obs. 2—36574
p-n junction, small signal response, capacitance calc. 2—16245
poly N-vinyl carbazole films, trap structure rel. to thermal activation energy of elec. conductivity 2—36524
Poole-Frenkel effect, under space charge limited current conditions 2—19629
PVK:TNF, rel. to electron transport, transient photocond. obs. 2—13337
semiconductor, deep-trapping kinematics 2—36481
semiconductor, high field domain theory in presence of trapping 2—32963
semiconductor, in homogeneous, rel. to thermally stimulated cond. 2—6796
semiconductor, simultaneous meas. of thermally stimulated cond. and thermoluminesc. 2—13513
semiconductors, homopolar charge carrier capture by deep traps 2—10045
space charge current-voltage characts. for uniform trap distribution 2—13255
thermoluminescence model, electron trap energy depth estimation 2—29969
zinc borates, thermal activation energies in phosphorescence 2—10448
AgHal crystal, photoelectron capture in surface trap 2—29585
AgHal lattice, energy depths of potential holes 2—29584
Al_2O_3, thermoluminesc., fading, trap model 2—29972
Au-InSb, oxide-InSb struct., charge exchange between traps 2—13297
β-B, rhombohedral, transient photocond., s.c.l.c., and t.s.c. obs. 2—19665
CaF_2, thermoluminesc., continuous trapping model, trap parameters 2—29971
CaF_2, thermoluminesc., fading, trap model 2—29972
$CaSO_4$, thermoluminesc., fading, trap model 2—29972
CdS:Cu, trap parameters, thermolum. study 2—19668
CdS, photosensitivity, electron trapping levels, r-type sensitization centres 2—22639
CdS film, He ion bombarded, elec. cond., trapped electron release 2—40247
CdSe, shallow trapping centres 2—13223
CdSe, single cryst., transient photocond., small signal case 2—16311
CdTe, γ-ray spectrometer mat. characterization by nuclear methods and trapping analyses 2—34810
CdTe, trapping problem in γ-ray detection material, conf., Strasbourg, France, June (1971) 2—34808
Cu phthalocyanine, rel. to surface photoeffects 2—29765
Cu_2O, photomemory effect, trap levels, elec. cond., illum. effects 2—40276
GaAs:Cr, photoinjected carrier recomb. and trapping processes 2—33069
in-GaAs, slow domains and negative resist. via transferred electron effect 2—19643
n-GaP:Fe, e.p.r. and Hall coeff. obs. 2—40251
p-Ge, hole trapping in acceptor sites 2—25858
Ge(Li) detectors, deep electron trapping centres, level meas. 2—27877
Ge(Li) detectors, preferential electron trapping by Te atoms 2—27882
Ge_3N_4, in m.i.s. struct. C-V characteristics 2—10101
$Li_2B_4O_7$ glass, thermoluminesc. processes, trapping centres, e.s.r. obs. 2—29976
LiF:Mg, thermoluminesc., continuous trapping model, trap parameters 2—29971
LiF:OH, thermoluminesc., OH ion effects 2—29977
LiF, deep, props., annealing and irrad. effects, thermoluminesc. obs. 2—29981
LiF, thermoluminescence, exposure response, deep traps effects, trap models, 300-823K 2—29979
MgO, irrad., TSC obs. 2—40281
Se film, amorphous, space charge I-V characts. 2—13259
Si:Au acceptor state, resolution of an anomaly 2—19689
Si-SiO_2 system, elec. and recombination props. 2—6855
Si, rel. to transient cond. 2—13274
Si_3N_4 layers, thermally stimulated electron emission spectra obs. 2—13354
SiO_x-CdSe, m.i.s. structure, vol. and interface, simultaneous detn. from C-V characteristics 2—4259
ZnS, phosphor, rel. to photodielec. effect response 2—10144
ZnS, trap centre properties, conduction and thermoluminescence study 2—20112
ZnTe, trapping-detrapping effect in cond. band, hydrogenlike donor obs. 2—13263

Electron tubes
see also Plasma diodes; X-ray tubes
advanced sonar recording techniques, fibre optic cathode ray tubes 2—27629

Electron tubes continued
cathode ray curve tracer, for avalanche transistor's volt-ampere characteristics 2—23543
cathode ray tube, used in conjunction with scanning electron microscope, 3-dimens. pictures 2—23541
cathodochromic image display, selective erasure of information 2—34329
channel electron multipliers, fast timing characteristics 2—31380
channel multipliers, use in charged particle detector units 2—17997
circular magnetron, pre-oscillation charge distribution, diffusion equation 2—31011
cold cathode with igniter, anode current calc. 2—2367
cold traps, design and characteristics 2—33835
CRT, fibre optic faceplate, structure related noise 2—38109
deflection yokes with controllable field, resolution vs. distortion 2—5335
digital image recorder for a Si-target intensifier TV camera tube 2—37920
electrode material desorption obs. using EID 2—39544
focusing by magnetic-electrostatic fields, theoretical analysis 2—250
Franck-Hertz experiment, method of displaying electron ion current against accelerating potential 2—14384
image, transit time spread 2—23544
ionization speed in near-cathode zone 2—27421
klystron, collector thermal design 2—2368
klystron type bunchers, radiation intensity calc. 2—34326
magnetron, gas discharge, stratification of instabilities 2—23548
magnetron, smooth-bore, turbulent diffusion 2—23546
magnetron diode, weak cathode field state in self-coordinated theory 2—37924
magnetron diodes, near-cathode region, fluctuation mechanism 2—2365
memory cathode-ray, use in standard oscilloscopes 2—17562
microfilm recording by computer, precision high-resolution c.r.t. 2—27670
multiplier detection efficiency for low-energy electrons 2—31013
oscilloscope, travelling wave, horizontal time base sweep generator 2—7868
oscilloscope cathode ray tubes with fibre optic faceplate 2—34324
oscilloscope developments, colloquium, London (1972) 2—37874
oscilloscopes, improvements needed 2—37875
Penning cell, angular and energetic distribution of ions on surface of cathode 2—37922
planar diode, electrosatic self-focusing of beam 2—11444
plane magnetron diode, ion current calc. 2—23547
research application 2—34325
r.f. diode sputtering system, operation and performance 2—41375
SEC Vidicon, calibration model for stellar photometry 2—41267
space-charge-limited thermionic emission between concentric spheres and cylinders 2—14383
thermionic converter, empirical equation for emission current in terms of Cs arrival rate, electrode surface temperature 2—37923
three electrode system, field calcs. 2—37921
TV thermal imaging camera tubes with pyroelec. targets 2—2366
two frequency TWT, total suppression of one of the signals 2—2369
vidicon system for digitalising flash tube information 2—27803
Ce filled diode, voltampere characteristics meas. electron-Ce elastic collision cross section and electrode contact potential determ. 2—11989
Cs diode, emitter and collector work functions, contact potential difference and effect of inert gas addition 2—23545

Electrons
see also Beta-rays; Cosmic rays/electrons; Crystal electron states; Noise/ electrical; Nuclear reactions and scattering due to/electrons; Photoelectricity; Plasma; Positronium; Positrons; Space charge
This heading includes both negative and positive electrons when the differences between them are of no special significance
anomalous magnetic moment, derivation in stochastic quantum mechanics 2—30795
anomalously high energy, in l.p. discharge in mag. field 2—24850
attachment in gases and liquids, predicted reaction rates for molecules with hydrated electron 2—12088
auroral, pitch angle distrib., energy spectra, temporal and spatial variations, bursts, models 2—16886
channelling rel. to diffr. 2—35969
charge measurement, Millikan oil-drop experiment, laser illumination 2—17155
charge-to-mass ratio for 1 MeV electrons, meas. by multiwire proportional counters in undergraduate laboratory 2—14060
charge-to-mass ratio meas. using the magnetic field of a flat circular coil 2—14357
creation operators defined, for electrons in solid, Hamiltonian for N electrons written in second quantized form 2—16128
drift velocity, in SF_6 2—3252
drift velocity in H_2 gas at 77.8K, pressure dependence 2—18698
drift velocity meas. in pure molecules H_2 at room temp. 2—12453
electron-proton charge difference, upper limit det. by acoustic method 2—5499
energy distribution, in negative glow of glow discharge and plane parallel hollow cathode discharge 2—21880
energy distributon peak shift, high resolution measurement 2—6912
energy spectra of electrons ejected in ion-atom collisions 2—15236
formation, from photoexcited $Fe(CN)_6^{4-}$ in 10N NaOH glasses, quantum yields at 77K 2—26357
free, between conducting plates, quantum electrodynamic calculation of magnetic moment 2—8087
free, Dirac form factor, α^2 slope contrib. from crossed ladder diag. 2—23771
free, measurability of spin and magnetic moment 2—34614
hydrated, semicontinuum model, configurational stability of ground state 2—1079
hydrated, theoretical model 2—8619
hydrated, theoretical study using ab initio SCF MO calcs. on small clusters of water molecules 2—12153
interaction with proton beam in ISR, leading to coherent instability 2—5628
ionospheric F-region in and north of auroral zone, low energy electron precipitation 2—30324
magnetospheric, precipitation estimation from conjugate conductivity asymmetry 2—20360
mass and radius by general relativity 2—31176
mobility, in simple fluids, Lekner theory compared with expt. 2—12315
mobility, on liquid ^{4}He surface, meas. from 0.9 to 3.2K 2—3420
passage through solids and liqs., study by Monte Carlo method, in comparison with positrons 2—5502
plasma, relativistic radiating, collective oscillations 2—3236

Electrons continued
plasma, wave echo, second order structure 2—3237
polarized beam production from photoionization of polarized K and Li atoms 2—11978
polarized beam use of cumulative ionization in optically pumped He discharge as source 2—12049
production of polarized free electrons and their uses 2—34615
properties and applications, educational article 2—8116
self-focussing beam of ions and electrons, stationary states 2—21767
solvated, quantum yield from $Fe(CN)_6^{4-}$ in water alcohol mixtures 2—26369
solvated, stability limits in supercritical NH_3 2—9158
spectra from $\nu\mu$ inelastic scatt., effect of lepton polarization properties 2—27710
stellar models of white dwarfs, free electrons, Thomas-Fermi statistical model, rel. to densities 2—33631
swarms, ratio of diffusion coeff. to mobility 2—21869
trapped in γ irradiated NaOH ices, meas. resolution enhanced ESR spectra, studied structure of trapping site 2—16645
in unified spinor field theory of relativity 2—17215
velocity relaxation, in rotating neutron superfluid, rel. to pulsar slowdown rate relaxation 2—7491
$e\mu$ mass doublet. derivation from general relativity 2—20827
inHe gas, drift velocity depend. on density, temp. and field 2—18695
Kr plasma, shock heated, spectroscopic and interferometric meas. 2—35470
N_2 vibrational population of $A^3\Sigma_u^+$ and $B^3\Pi_g$ states in normal aurora 2—16888
SF_6. drift velocity meas. 2—3252

absorption
see also Beta-rays/absorption
air fluorescence as visual presentation of dose spatial distribution of fast electron pulses 2—27828
mica, electron bombard., charge accumulation, path length 2—36587

interactions
colliding beams, total cross sections for muon and electron pair production 2—38243
collisions with diatomic molecules, vibrational distribution change on transition between electron states 2—3138
deep inelastic electroproduction, specific multi-Regge model 2—23796
electron beam collisions, high energy, large angle muon and pion pairs prod. 2—14573
electroproduction, connection between deep Regge limit and deep light cone limit 2—17865
electroproduction, deep inelastic, non exotic t-channel description 2—17832
electroproduction, diffraction type model considering hadron distributions 2—14565
electroproduction, exclusive and semi-inclusive, φ^3 ladder model, scaling 2—14566
electroproduction, hadron inelastic scatt., at large momentum transfers, e.m. mech. contrib. 2—34643
electroproduction, massive muon pair detection, requirement for light cone studies 2—17771
electroproduction, scaling and form factors of nucleon in bremsstrahlung model 2—38313
electroproduction expts., survey, in resonance and deep inelastic regions 2—8117
electroproduction from nucleons in relativistic quark model 2—14571
electroproduction of π^+, vector meson dominance predictions 2—27747
electroproduction of ω-meson, test of $\rho\omega\pi$ vertex 2—8185
electroproduction of hadrons, generalized scaling law using light cone structures of quark model 2—14583
electroproduction of N*, helicity structure, symmetric quark model 2—31331
electroproduction of nucleon resonances, classical field model predictions 2—434
electroproduction of pions, conference 2—31258
electroproduction of pions, in low energy resonance region, form factors and ang. distribs. 2—31287
electroproduction of threshold π at transferred 4 momenta squared up to 10.4 F^{-2}, form factors 2—27750
exclusive electroproduction, scaling and composite hadrons 2—34628
hadron electroproduction, parton model, with highly virtual photons 2—17847
inclusive electroprod. expts., parton charge study 2—14581
inverse bremsstrahlung absorption in large radiation fields during binary collisions, classical theory 2—31695
neutron-electron bound state, possibility for free existence 2—27938
$3^+e^- \rightleftarrows pp$, tests of T invariance 2—2503
e p, electroproduction of pions determ. values of axial-vector nucleon form factor 2—11611
$e+e \to e+e+$hadrons, representation as photon-photon interaction, scaling 2—14567
ed electroproduction, isostructure of e.m. currents 2—34588
e^-e^-, two-photon mechanism of particle production at high energies 2—14568
e^-e^-, virtual $\gamma\gamma$ interactions, investigation 2—11573
e^-e^+ colliding beam experiments, theoretical implications 2—23802
$e^-e^\mp$, high energy beams, hadron production 2—8129
e^+e^- hadronic production study in framework of vector dominance model 2—5503
$e^+e^- \to W^+W^-\gamma$, cross sections 2—14674
$e^+e^- \to 2\pi^\pm + n\pi^0$, n=1-4, cross sections, 1.4-2.4 GeV 2—31206
$e^+e^- \to 4\pi^\pm + n\pi^0$, n=0-2, cross sections, 1.4-2.4 GeV 2—31206
$e^+e^- \to 6\pi^\pm$, cross sections, 1.4-2.4 GeV 2—31206
$e^+e^- \to e^+e^-3\pi$, Weizsacker Williams approx., total cross section 2—21231
$e^+e^- \to l^+l^-$, decay modes and correlations between decay products of heavy leptons 2—14559
$e^+e^- \to \nu\nu$ effective cross section calc. by using IVB theory 2—21239
$e^+e^- \to \pi(\eta)\gamma$, ω-ρ mixing effect 2—31207
$e^\pm e^\pm$, high energy inelastic collisions, form factors, cross sections 2—17836
en, electroprod. cross section, upper limit of isotensor contrib. in $\Delta(1236)$ region 2—23797
eN, π^+ production, vector meson dominance model 2—17928
eN, π production, threshold, low-energy theorems 2—14649
En. single π prod., multipole analysis by current algebra commutators 2—34680
$en \to e'p\pi^-$, threshold region, low energy 2—5536

Electrons continued
interactions continued
$e^-\bar{\nu} \to$ hadrons, test of Weinberg sum rules for chiral $SU_2 \times SU_2$ current algebra 2—23794
$e\text{-}p \to e\text{-}K^+\Lambda(\Sigma^0)$ obs., e-K coincidence meas. 2—34616
$e\text{-}p \to e\text{-}p\pi^0$, coincidence measurement of backward π^0 electroproduction 2—8167
ep, electroprod. cross section, upper limit of isotensor contrib. in $\Delta(1236)$ region 2—23797
ep collisions, deeply inelastic, hadron momentum distrib. 2—8130
ep electroproduction, isostructure of e.m. currents 2—34588
$e^-p \to e^-p\pi^0$, in first resonance region at momentum transfers of 0.3, 0.45, 0.60 and 0.76 $(GeV/c)^2$ 2—5533
$ep \to e'n\pi^+(p'\pi^0)$, pion electroprod., polarized electrons on polarized protons, reaction cross-section 2—14651
$ep \to en\pi^+$, effect of form factors F_π and G_{en} 2—14572
$ep \to en\pi^+$, near w=2 GeV, pion form factor 2—17926
$ep \to e\pi^+\Delta^\circ$, predictions for $\pi\Delta(1236)$ prod. within framework of vector meson dominance model 2—11603
$ep \to e\rho p$, size of virtual photon, investigation using quantum electrodynamics and multiperipheral and constituent models 2—34617
$\gamma e \to eW^- + W^-$, cross sections 2—14674
N* production in quark model 2—23897
π electroproduction on nucleon, phenomenological chiral Lagrangian model 2—31280
π electroproduction refined vector meson dominance analysis 2—11629
π production, threshold cross section, axial form factor 2—11633
π° electroproduction in second resonance region, determ. of virtual photoproduction differential cross sections 2—31282
$\pi^\pm\Delta$ electroproduction in electric Born model 2—17927
W, electroproduction structure function, nonleading energy behaviour and scale invariance breaking 2—11628

ionization
No entries

radiation
see also Bremsstrahlung; Cherenkov radiation; Electrodynamics; Synchrotron radiation
Cherenkov, near dielectric boundary, effect of loss on emission spectrum and motion 2—23519
klystron type bunchers, radiation intensity calc. 2—34326
power, in focussed magnetic field 2—37902
relativistic electrons, obs. of resonance transition radiation rel. to development of Lorentz factor selecting threshold counter 2—27827
thin disc, uniformly charged, moving in dielectric Cerenkov field 2—2345
X-radiation in mag. ondulators 2—38232

scattering
see also Atoms/electron scattering; Beta-rays/scattering; Molecules/electron scattering
deep inelastic, corrections to scaling behaviour, dynamical and kinematical aspects 2—8120
dual-resonance model, Bjorken scaling for inclusive and quasi-inclusive processes 2—21270
electron-meson deep inelastic scattering, scale invariance of structure function and generalized vector dominance model 2—31201
electroproduction data against ω_w, analysis of scaling and local duality of two structure functions 2—34618
by e.m. field, calc. of radiative corrections 2—21247
eN, deep inelastic, multiperipheral theory 2—11575
gas discharge, primary electrons behaviour 2—35603
inelastic, in plasma, influence on distribution function in electric field 2—8919
inelastic, parton model 2—14543
by magnetic impurities in metals, left-right asymmetry and a Hall effect 2—19820
parton model with variable intermediate state parton mass 2—11574
spectrum shape at high energies, application to proton and deuteron targets 2—2520
$e+e \to e+e+\Gamma$, colliding beam experiment, structure of two photon processes studied for arbitrary hadron final state 2—14553
e^-d, inelastic, determ. of cross section for electroexcitation of $\Delta(1236)$ resonance on neutrons 2—435
ee bremsstrahlung, rate and spectra in hot gas (Z=1) 2—32110
e^-e , e^+e^-, high energy, radiative corrections to coincidence experiments 2—21245
$e^-e^- \to e^-e^-$ 100-1000 GeV, weak interaction cross-section calc. 2—5508
e^-e^+, elastic scatt., possible effects of Lee Wick heavy photon 2—21244
$e^+e^- \to e^+e^-$ 100-1000 GeV, weak interaction cross-section calc. 2—5508
$e^\pm e^- \to e^\pm e^-$ dispersion relations, $(Gs)^3$ terms 2—14577
$ee \to ee+3\pi$, total cross section calc. using model incorporating gauge invariance and PLAC 2—21246
$e\gamma \to e\nu\nu$, effective cross section calc. by using IVB theory 2—21239
eN, deep inelastic, electroproduction of resonances, structure functions in scaling limit 2—34713
eN, deep inelastic, scaling law as consequence of broken dilatation symmetry 2—8119
eN, deep inelastic scatt., inequalities for structure functions, algebraic structures, tests 2—27711
eN, deep inelastic scatt., polarization effects, quark parton model, parallel and antiparallel asymmetry 2—27712
eN, in elastic scattering, duality 2—23798
eN, inelastic, scaling and behavior of nucleon resonances 2—14710
eN, inelastic rel. to e.m. p-n mass difference investigation 2—38312
eN, spin-dependent inelastic process 2—31205
eN deep inelastic, soft pion prod., current algebra 2—412
en deep inelastic scattering, structure functions 2—31200
eN deep inelastic scattering, parton dual-resonance model incorporating final-state interaction 2—14569
N*, electron excitation 2—27776
νe, differential cross-sections, electron polarization depend. 2—5498
νe, exptl. investigation rel. to weak interaction theory 2—38216
νe, prediction for cross sections in Weinberg's model of weak interactions 2—2518
νe, weak interaction, high energy, cross sections 2—17812
$\nu_e e^- \to \nu_e e^-$, cross sect. calc. for elastic scattering by fission antineutrinos 2—5500
$\nu_e e^- \to \nu_e e^-$, search for, status 2—21243
KCl films, resonance potentials for slow electrons 2—25711
NaCl films, resonance potentials for slow electrons 2—25711

Electrons continued
scattering, electron-proton
asymptotic sum rule, derivation in perturbation theory 2—383
bounds to part of p polarizability contrib. to H atom hyperfine structure 2—2984
consistency relation or sum rule, applicable to elastic and inelastic cross sect. data 2—14697
deep inelastic, cross sections, in vector and pseudo-scalar meson theories 2—2521
deep inelastic, in proton fragmentation region 2—38233
deep inelastic, perturbation theory 2—34619
deep inelastic, proton model, contrib. of resonances to scaling behaviour of structure function 2—14574
deep inelastic, scaling behaviour of e.m. structure functions in chiral dynamics 2—38235
deep inelastic region, ρ prod., Regge pole analysis 2—14681
deep inelastic scattering, structure functions 2—31200
deep inelastic scattering in massive QED 2—382
deep-inelastic, spin- dependent effects 2—23800
elastic, transverse polarization of protons, derivation of rigorous bounds 2—8118
finite energy sum rules and scaling 2—23799
inelastic, backward production of ρ^0 and ω mesons 2—34702
inelastic, near pion threshold, axial nucleon form factor 2—5537
inelastic, phenomenological scaling by vector- meson dominance 2—14575
inelastic, Regge pole analysis 2—38319
inelastic, Regge pole model 2—38234
inelastic, structure functions rel. to polarization contribution to H hyperfine structure 2—38236
inelastic at large momentum transfers, cross sections, scaling of inelastic proton structure functions 2—31203
inelastic coincidence expt. in region of $\Delta(1236)$ at $q^2=-0.35$ and -1.0 $(GeV/c)^2$ 2—31202
inelastic in region of Δ_{1236} 2—5501
inelastic strength function, fragmentation approach 2—17833
in massive QED, leading contribs. to structure function in inelastic region 2—14513
phenomenological formula for deep inelastic scattering 2—27714
polarized target, electron asymmetry induced by final e.m. interaction 2—27713
proton structure, SLAC 20 GeV electron scattering experiments using liquid H and D targets 2—2574
radiative corrections, renormalization group approach 2—2519
resonance electroproduction, inelastic, asymptotics 2—8121
thermodynamical model, interpretation of scaling behaviour of structure functions 2—14695
$e^{\pm}p$, validity of weak interaction renormalizable theory of Tanikawa-Watanabe 2—27704
$ep \rightarrow e+hadron+anything$, inelastic process, nucleon fragmentation 2—31204
$ep \rightarrow ep'\rho^0$ differential cross section determ. 2—27765
$ep \rightarrow ep\gamma$, investigation below pion threshold 2—17834
$ep \rightarrow epx^0$, missing mass in ρ meson region 2—23876
N* electroproduction, relativistic quark model 2—8209
π electroproduction in deep inelastic region, chiral symmetry breaking 2—14647

Electrophoresis
bovine serum albumin, electrophoretic mobility and diffusion coeff. simultaneous meas. by light scatt. 2—10636
cataphoresis, positive column, peculiarities of parameters 2—24871
deposition of polymer coatings on metal 2—1760
dielectrophoresis, climbing of dielectric liquids 2—39379
dielectrophoresis, dipole approximation, applicability boundaries 2—40826
dielectrophoresis under weightlessness conditions 2—20193
diffusion in aqueous gels, radiographic monitoring of concentration charges 2—12592
He-N_2 mixtures, discharge, cataphoresis and nitrogen- removal processes 2—12466
He-N_2 positive column, ion sampling 2—24878

Electrophotography *see Photography*
Electrophotoluminescence *see Electroluminescence*
Electropolishing *see Surface structure*
Electroproduction *see Beta-rays/effects; Electrons; Nuclear reactions and scattering/due to electrons*
Electroreflectance
electrode/electrolyte interface, specular reflection obs. of adsorbed layers 2—9301
nonuniform field., small-wave-number approx. and ellipsometry meas. 2—26139
resonant nonlinear susceptibility treatment 2—36823
thin crystal, multiple reflection effects 2—19994
Ag, spectra in range 3 to 4 eV 2—29895
$Cd_xHg_{1-x}Te$, spectra, energy band gap, comp. depend. 2—10370
$CdSnAs_2$, band struct. obs. 2—13460
Cu_2O, exciton electrorefl. spectra, ang. depend. 2—29897
Cu_2O, u.v. spectra, band assignments 2—33237
GaAs, by electrolyte method, galvanoluminesc. role 2—40646
GaAs, transverse spectrum, polarisation dependence rel. to symmetry of 4.5 eV optical interband threshold 2—26145
$Ga_xIn_{1-x}P$ alloys, energy band struct. 2—33238
GaSe, excitonic effect, compared with absorpt. spectrum 2—29939
GaSe, higher interband transition region 2—40647
Ge, apparatus and heterojunction for obs. 2—22750
Ge, direct verification of third derivative nature 2—13462
Ge, linearized third-derivative spectra with depletion-barrier modulation 2—33240
Ge, spectra, direct verification of third derivative nature 2—13462
n,p-Ge, spectral structure 2—16467
H atom layer on Pt, inverse effect 2—9310
n-$InAs_{1-x}P_x$, Γ_{15}—Γ_1 transitions, composition depend. 2—16468
Na_xWO_3, optical transition to Fermi level 2—33243
$ZnSnAs_2$, spectra, electron transitions 2—20006

Electrostatic generator *see High voltage techniques; Particle accelerators/linear*
Electrostatic lenses *see Electron lenses/electrostatic; Ion optics*
Electrostatics
see also Electrets; Electric charge; Electric fields
air-H_2O interfaces, point charge and dipole image potentials 2—34278
analysers for high-energy particle physics, electrical insulation 2—17996

Electrostatics continued
charge distribution on square conducting plate, comments on moment solution 2—30969
circular disk viscometer and related electrostatic problems-comments 2—25054
cylindrical field, rubber sheet model 2—21003
dual and complementary variational principles for two dimensional problems 2—2322
electrometer probe, solid state, miniature, construction details 2—21007
electron streams, self-focussing 2—30998
e.m. wave propagation, in magneto-plasma, effect of static electric field 2—18615
energy analyser for plasma ion velocity measurement 2—18639
field, rotational symmetry with arbitrary boundary conds., approximate method calc. 2—221
field computation, application of FORTRAN program 2—7817
field excitation in plasma by incident plane transverse e.m. waves 2—18583
fields, calc., three electrode system 2—37921
fields, in electron optical systems with wedge shaped cathodes 2—7848
films, photosensitive, deformation 2—22636
Gauss's law, teaching, role of unenclosed charges 2—33852
generator accelerator tube insulators, surface treatment 2—34287
hereditary media, mixed boundary-value problem, variational principles 2—34279
h.f. wave propagation, plasma models 2—32070
image potentials for multipoles embedded in a cavity, applications to surface tension of aqueous solutions of amino acids 2—21002
kilovoltmeters, electrostatic, a.c. and d.c. performance characteristics 2—21006
metal H_2O interfaces, point charge and dipole image potentials 2—34278
modern applications, particle manipulation, xerography, fly ash precipitation 2—34280
oscillator, charged particle ion source 2—21034
oscillator experiment conducting sphere between two electrodes 2—17510
parallel plate capacitor, average value of E of summation of stored energies by computer 2—14353
plane, charge spacing 2—14354
plasma wave propagation near electron cyclotron harmonics, dispersion relation 2—8972
plasma waves, perturbed distribution functions, exact calc. 2—12435
plasma waves, ray tracing and ionograms, diagnostics 2—35547
potential, inside long grounded cylinder, three parts mixed boundary value problem 2—37869
surface pot. decay, cross-over effect 2—23481

Electrostriction
see also Piezoelectricity
coefficients of dielectrics, measurement using method of induced induction e.m.f. 2—34277
ferroelectric, oxygen-octahedra type, theory 2—19756
ferroic crystal, nonmagnetic, state shift, elec., mech., and electromech. orders 2—40343
fluids, role in stimulated light scattering 2—32178
glass, laser beam focusing and small scale track formation 2—29862
ionic and Van der Waals crystals, atomic shift, in electric field 2—32397
ions in methanol solution, calc. of partial modal volumes 2—15612
metal, electromech. effects, second order theory 2—25762
penny-shaped crack, 3-dimensional electrostriction, stress singularity 2—17333
powder-like mixture for u.s. amplification 2—6670
quartz gauge, shock wave induced polarization 2—14356
KD_2PO_4, laser induced self focusing 2—22628
$NH_4H_2PO_4$, laser induced self focusing 2—22628
SbSI, rel. to piezoelectricity 2—19772

Electroviscous effect *see Colloids; Viscosity*
Elementary particles
see also Baryons; Chirality; Energy loss of particles; Field theory, quantum; Hadrons; Leptons; Magnetic monopoles; Mass differences; Mass formulae; Nucleons and antinucleons; Nucleus; Particle detectors; Quantum theory; Quarks; Strange particles; Tachyons; and individual particles e.g. Electrons; Mesons
book, lectures in mathematical physics 2—37569
conference, Amsterdam (1971) 2—38205
cosmological spaces, theory 2—7365
cosmology and particle physics, origin of matter and galaxies 2—37241
cosmon, quantum of the cosmic field 2—8081
creation by gravitational fields in collapse and initial singularity 2—26591
decay, new theories for interpretation of measurements 2—5492
decay in flight of new type particle 2—21310
dilaton and non-Newtonian gravity, force range of additional force 2—7647
magnetic monopoles in lunar material 2—14528
mass formula, rel. to cosmic ray interactions 2—23775
momentum and angular momentum in relativistic classical particle mechanics 2—30769
new particle, possible existence predicted in cosmic ray experiment, analysis and interpretation 2—21311
pair production by relativistic particle in electromagnetic field 2—5490
partons, model with variable intermediate-state parton mass 2—11574
problems in high energy physics 2—21207
properties, updated review 2—34584
relativistic and quantum parameters 2—27700
spin 1/2 particles, bound states in general relativity 2—27045
structure constant of resonances-inquiry into universal constant α 2—34589
subnucleonic particles, properties 2—5509
textbook with non-mathematical emphasis 2—359
three-body decay amplitudes, relativistic two-variable expansions 2—17808
three-body decays of interfering resonances 2—364
interactions
see also Field-theory, quantum/interactions; Nuclear reactions and scattering. Entries on interactions involving named particles are listed under the particles concerned, e.g. Mesons/interactions; Cosmic rays/effects and interactions
aleph, nuclear interactions in emulsion chamber 2—5489
anomaly free, Pauli-Villars regularization method employed 2—38207
broken chiral $SU(3) \times Su(3)$ symmetry model, equivalence with tadpole model 2—2505

Elementary particles continued
interactions continued
collinear processes, nondynamical structure 2—34593
Coulomb functions in entire (η,ρ) plane, computer program 2—34997
coupling constants and low-energy parameters, compilation 2—367
coupling constants specification and inbuilt cut offs specification for Lagrangians as finite field theories 2—27691
currents, time- space equal-time commutators and scaling properties of divergences 2—5494
decay expts. interpret. 2—31187
dip mechanisms, decisive tests 2—2508
energy-momentum trace operator, single-particle matrix elements, scalar-dominance hypothesis 2—11563
five particle processes, invariant and angular variables 2—23778
generalized transverse momentum distribs., production processes 2—31189
hadronic and weak, conference, Rochester, USA (1971) 2—21206
high energy exchange reactions, dips and spikes in differential cross sections 2—14533
inclusive phenomenology, high-energy, applic. of information theory 2—38253
inclusive processes at high momentum transfer, calc. based on extended parton model 2—14540
infinite momentum frame, dynamic variables, free parton formalism 2—27703
long range correlations and dynamics of multiparticle production 2—11566
low energy theorem, and high energy scale invariance 2—14535
multibody final states, analysis using prism plot 2—2507
multifermion interaction constants, limits from cosmic neutrino and muon data 2—27779
multiparticle peripheral reactions involving clusters, testing for correlations 2—14536
multiparticle processes at high energy 2—21208
multiparticle prod. processes, PCAC, application to single particle distrib. 2—5486
multiparticle production processes, transverse-momentum correlations 2—17854
multiple process theory, hydrodynamical theory for collective interactions 2—14537
nonelectromagnetic interaction, CP and isospin violating symmetries, three triplet model 2—17810
in nuclear emulsions, protons with nucleons and negative pions, fireball creation 2—5493
$O^-+{}^1/_2{}^+\rightarrow 1^-+{}^1/_2{}^+$, partial wave analysis, cross section and density matrices 2—11564
parity-violating interaction, effects in exactly soluble model 2—34592
peripheral dynamics of inclusive reactions in fragmentation region 2—11636
relations direct channel reactions involving both forward and backward scattering, boundary dispersion 2—21227
scaling law, kinematical region of pionization 2—2506
semi-inclusive experiment, scaling properties 2—18026
single particle spectra, phase space effects 2—23777
spin rotation parameters, constraints due to isospin conservation 2—17809
statistical weights of many- particle systems in unitary spin space determ. using SU(3) symmetry model 2—14534
Stodolsky- Sakurai model, spin structure of absorption corrections 2—366
subnucleonic particles, collisions at high relativistic energies 2—5509
tadpole model, equivalence with broken chiral SU(3)×SU(3) symmetry model 2—2505
trajectory, vector and tensor, sum and duality rules 2—21228
two particle spectra, asymptotic behaviour 2—23812
very high energy (up to 10^8 GeV) interactions, multiplicity predictions compared with existing data 2—24021
interactions, electromagnetic
circular orbits in classical action-at-a-distance electrodynamics 2—30988
convergent theory, experimental implications and extensions to hadrons 2—14539
neutral intermediate boson, effects in semileptonic processes 2—38213
quark theory, non-linear 2—8101
three-body interference, mass matrix formula and unitarity sum rules 2—21219
three-body interference, parametrization of mixing states and time-reversal invariance 2—21218
Weinberg's model, anomaly free version, with lepton and quark fields, renormalization 2—31167
$e+e\rightarrow e+e+$hadrons, representation as photon-photon interaction, scaling 2—14567
interactions, strong
see also Dual resonance model; Veneziano model
bootstrapping rel. to classical space-time, unique S-matrix requirement 2—21268
consistent continuous parameter sum rules, simple and general derivation 2—34594
high energy, diffraction scattering and e.m. effects 2—21266
inclusive reactions, mass dependent slopes of momentum transfer in thermodynamic model 2—8099
P,T violating and C=PT conserving 2—14538
parity violating interactions, theory 2—17811
S-matrix, internal symmetry propagation 2—368
sum rule for Σ term from Bjorken limit and mass dispersion relations 2—11565
symmetry, formulation in terms of 4-D charge space of SU(2)×SU(2) or O(4) 2—31237
universality test discussed 2—8100
very high energy, nonlocal Regge pole theory 2—8098
interactions, weak
asymptotic behaviour of cross sections and massless particles exchange 2—8102
C violating weak interaction, investigation in SU(3)′×SU(3)″ scheme of three-triplet model 2—38209
Cabibbo, nonleptonic, leptonic and semileptonic interactions 2—21220
Cabibbo theory, new fit of parameters 2—23780
colliding lepton beams with energy 10^2 to 10^3 GeV weak interactions 2—23789
convergent theory, experimental implications and extensions to hadrons 2—14539
CP violation, review 2—38214
CPT invariance and weak interactions, new model 2—34595

Elementary particles continued
interactions, weak continued
direct particle theory leading to formulation given by Feynman and Gell-Mann 2—14541
experimental investigation, progress and problems 2—38216
experimental problems and prospects 2—21221
high energy, cross sections 2—17812
intermediate boson, spin-zero, as mediator 2—38215
lepton antilepton colliding beams of energy 10^2-10^3 GeV 2—23787
leptonic, symmetry rel. to lepton mass spectrum 2—34607
leptonic and semi-leptonic, review 2—23779
multicurrent theory and intermediate boson 2—14671
neutral intermediate boson, effects in semileptonic processes 2—38213
quark theory, non-linear 2—8101
renormalizable symmetry model 2—21223
renormalizable theory, CP violation rel. to P-odd nuclear forces 2—38433
renormalizable theory of Tanikawa-Watanabe, validity 2—27704
semileptonic, e.m. final-state interaction corrections and time-reversal invariance tests 2—2547
strangeness conserving nonleptonic, isospin structure in presence of second-class and neutral currents 2—369
structure, theory presented in which weak force is weak manifestation of generalized electromagnetism 2—21222
symmetry, formulation in terms of 4-D charge space of SU(2)×SU(2) or O(4) 2—31237
Weinberg's model, anomaly free version, with lepton and quark fields, renormalization 2—31167
e pair scatt. and colliding beams, 100-1000 GeV, weak interactions 2—5508

scattering
see also Regge poles and trajectories
ABFST multiperipheral model, pseudoscalar meson octet inclusion 2—21269
absorptive model corrections to Born approximation, magnitude 2—370
amplitude, ratio of real to imaginary parts, at nonzero momentum transfer 2—21224
amplitude construction from differential cross section and nearby singularity in cosθ plane 2—14542
amplitude shrinkage singularities, weak interaction cross section asymptotic 2—38219
amplitudes construction from experimental data and analyticity 2—2509
analytic continuation in helicity and O(2,1) expansions 2—17815
diffractive processes, elastic and inelastic, unified description 2—8106
elastic amplitudes with monotonicity constraint, bounds on absorptive part 2—11567
elastic high energy, van Hove overlap function 2—5495
elastic two-body scattering amplitude expansion, exclusive limit of inclusive process 2—8105
elastic-to-total cross-section ratio, high energies, lower bound derivation method 2—8103
electromagnetic and weak processes, cross sections and polarization effects 2—27705
elementary discontinuity formulas, Mueller's Regge hypothesis 2—21278
e.m., self-consistent dispersion theoretic amplitudes 2—17814
few-body problem formalism 2—14907
Feynman amplitudes, algebraic geometry, Landau curves, singularity classification, dispersion relations 2—11569
Froissart bound, properties of amplitudes which saturate it 2—5496
high energy, impact-parameter representations in potential scattering 2—31190
high energy elastic scatt. amplitude, unitarity condition soln. with modified overlap function 2—14545
high-energy production processes, eikonal approx. 2—21225
inclusive multiparticle cross sections and Pomeron dominance 2—11568
interpolation of the energy dependence of partial-wave amplitudes, use of N/O method 2—14550
Low Energy Theorems derived for Compton-type scattering of combinations of strangeness non-changing vector and axial vector currents 2—21240
massive five-particle processes, kinematical singularities and constraints of helicity amplitudes 2—14547
massless five-body processes, analyticity properties of helicity amplitudes 2—14548
multiparticle amplitudes, generalized O(1,2) expansions for particles of non-zero mass and spin 2—14546
multiparticle partial-wave amplitudes, inelastic unitarity, Racah coeffs. for Poincare group 2—17813
multiperipheral model, final state spectra 2—31252
$n>2$ incident particles, calc. of transition rates, feasibility of expts. 2—38220
N/D method, high energy effects 2—31194
off-shell multiperipheral model for 2- and 3- body amplitudes from field theoretic eqns. 2—14524
Omnes equation, bound state poles 2—38217
partial waves, finite energy sum rules and formulation for N/D equations 2—34597
particle-antiparticle elastic cross section differences, upper bounds 2—2565
peripheral model combined with duality, bootstrap conditions 2—17867
Reggeon graph scheme, 10 to 100 GeV 2—14551
S-matrix, problem of existence 2—38181
scaling laws and light cone expansions of products of local operators, high energy 2—31191
Schrodinger eqn. radial part soln. using minicomputer 2—5153
space-time region, generalized O(2,1) expansions for asymptotically growing amplitudes 2—31192
spinless particles, multivariable expansion of n-body amplitude, crossing symmetry for partial waves 2—371
three particle, operator connection between Faddeev and Lovelace approaches 2—7681
three particle equations, relativistic, functional derivation in configuration space 2—21226
three particle systems, nonrelativistic theory of elastic scattering based on Fadeev formalism 2—2510
three to three forward scattering amplitude in asymptotic energy region, bound derivation 2—31193
three-body, K-matrix formalism 2—20854
three-body problem, K-matrix formalism and extension of Glauber eikonal theory 2—38221

Elementary particles continued

- **scattering** continued
  - two-body reactions, original method of analysis based on zeros of scattering amplitudes 2—27706
  - two-particle, relativistic kinematics, hyperbolic surface representation 2—8104
  - unequal-mass scattering amplitude, expansion in terms of Poincare representations and complex ang. momentum at zero energy 2—38218
  - very high energy, scaling, astrophysical implications 2—14544
  - He^{2+}, Rutherford backscattering in GaAs flux dependence of ion implantation damage 2—25369
- **symmetry**
  - *see also CPT conservation; SU(n) theory*
  - asymptotic symmetry scheme 2—34590
  - bare and real fields, symmetry and symmetry breaking 2—339
  - breaking, role of κ meson 2—426
  - broken SU(3)⊗SU(3) appl. to low energy πK scatt. 2—14650
  - broken symmetries, basic principles 2—34591
  - chiral, conserved tensor currents and isovector photons, algebra of couplings 2—38212
  - chiral invariance and Thirring models 2—11562
  - chiral SW(3) model, rel. to test of K_{l3} soft pion theorem 2—17899
  - chiral symmetry, harmonic oscillator pattern arising from algebraic approach 2—17803
  - chiral symmetry breaking, rel. to dual resonance models 2—396
  - chiral symmetry breaking interaction, rel. to nucleon σ commutator 2—428
  - chiral U(4)⊗U(4) and fundamental quartets 2—21251
  - conformal and chiral symmetry breaking, rel. to Kuo transformation 2—2502
  - equal-time commutators among generators for broken comformal and internal symmetries 2—14520
  - fine structure const. scaling of Wyler's expression 2—21215
  - hadron interactions, low energy phenomenology 2—38263
  - hadrons, broken chiral and scale invariance 2—38249
  - inclusvie processes, internal symmetries and model-independent relations 2—34630
  - internal-symmetry groups and their automorphisms 2—17804
  - internal-symmetry groups structure 2—17805
  - leptonic weak interactions, rel. to lepton mass spectrum 2—34607
  - leptons and quarks, U(4) symmetry scheme 2—38228
  - line reversal symmetry breaking, role of absorption corrections 2—361
  - nonlinear σ model, one loop renormalization 2—38211
  - poincre group representation for arbitrary spin 2—5491
  - pseudoscalar mesons, chiral symmetry breaking, nonlinear realizations and effective Lagrangians 2—2541
  - relativistic particle in circularly polarized plane wave, mass shift, group-theoretical analysis 2—31184
  - Roskies' crossing symmetry relations, implications for dynamical model calcs. 2—2567
  - scale invariance, consequences of breaking based on decomposition of hadronic Lagrangian, calc. of Σ-term 2—5511
  - scale invariance breaking, divergent vertices and anomalous dimensions 2—356
  - scale symmetry, nature and occurrence 2—27701
  - spontaneous breakdown of γ_5 invariance of free fermion Lagrangian w.r.t. Touschek transformation 2—34575
  - strong interaction S-matrix, internal symmetry propagation 2—368
  - SU(3)×SU(3) rel. to Goldstone bosons, linear σ model 2—21216
  - SU(3)×SU(3) representations, broken chiral, scale invariance, symmetric algebra 2—14529
  - SU(3) σ model, radius of convergence for perturbation expansions 2—8094
  - U(6,6), in unified classification of mesons 2—38280
  - weak interactions, renormalizable symmetry model 2—21223
  - eN scattering, deep inelastic, scaling law as consequence of broken dilatation symmetry 2—8119
  - $2\gamma \rightarrow (2n+1)\pi$, gauge invariance and chiral symmetry 2—38225
  - $2\gamma \rightarrow (2n+1)\pi$, gauge invariance rel. to chiral symmetry 2—38224
  - ΛN, charge symmetry breaking interaction, separable potentials 2—14708
  - ΛN, charge symmetry breaking interaction, rank-2 potentials 2—8208
- **theory**
  - *see also Form factors; Sum rules*
  - $\Delta T=1/2$ rule, violation in K decay 2—17903
  - analytic approximation theory, representation of function inside its analytic domain 2—17274
  - axial couplings, selection rules and ratios 2—38206
  - chiral SW_3 model, generalization 2—21214
  - class of distributions related to extrapolation of analytic functions 2—14065
  - conformal invariance of solution to Bootstrap equations for three point Wightman functions 2—11589
  - conservation laws for leptons and conservation laws and ν, $\bar{\nu}$ distinction w.r.t. weak interactions 2—21234
  - current algebra, consistency of results in presence of electromagnetism 2—31183
  - decay, three-body, analytic properties 2—365
  - dybbuks, possible existence 2—5488
  - free electron physics, optics, detection. spin, magnetic moment and relativistic behaviour, book 2—17831
  - gauge field theory, bosons 2—21209
  - Gibbs paradox appl. particle structure 2—21211
  - Goldberger-Treiman relation, high-frequency contributions to radiative corrections 2—21213
  - heavy leptons and associated neutrinos, possible existence and astrophysical consequences 2—2516
  - inclusive approach to unitarity 2—23776
  - invariants of the rotation group 2—11249
  - isospin spectra, connection with mass spectra in local current algebras 2—5487
  - light cone expansions and applications 2—23746
  - light cone structure, behaviour of prods of e.m. currents 2—17771
  - linear relativistic wave equations of particles with spin $^1/_2$ 2—30790
  - manifestly conformal covariant operator-product expansion derived 2—14523
  - mass and radius by general relativity 2—31176
  - mass calculation, from predecay states of hadrons 2—31186
  - massive particles, construction from massless particles in Nambu model 2—8097
  - massless particles with infinite spin, using group theory 2—360

Elementary particles continued

- **theory** continued
  - massless two-dimensional world, fermion states rel. to boson states 2—14531
  - multiple particle production, unitary weights calc. 2—8093
  - off-shell multiperipheral model for 2- and 3- body amplitudes from field theoretic eqns. 2—14524
  - parboson representations of $Sp_{4,r}$ algebra and their reduction with respect to $O_{3,1}$ subalgebra 2—17800
  - parton model, coordinate space structure 2—14543
  - pion model identical to Bardakci's sector of dual quark model 2—21252
  - S-matrix, normalizable wave functions for bound states and resonances 2—34596
  - scaling, ISR emulsion expt. 2—17799
  - scaling and inclusive sum rules, influence of s channel quantum numbers on inclusive distributions 2—8096
  - spin maximum 1 particle, wave mechanics 2—27057
  - sum rules, derivation using equal-time commutators involving symmetric energy-momentum tensor 2—2499
  - sum rules derivation, requirement of smoothness near light cone and superconvergence 2—11560
  - Thirring models, chiral invariance 2—11562
  - unstable particle, connection between deviations from exponential law of decay and regeneration of unstable state 2—14532
  - unstable particles, field-theoretic description, Lee model 2—38182
  - ur-citon scheme for electromagnetic form factors of baryons and mesons 2—23880
  - ur-citon scheme for non-leptonic hyperon decays 2—23892

Elements

- atomic ground state configurations of E159 and E160 2—28169
- Auger spectra in X-ray photoelectron spectroscopy 2—35164
- element 104 discovery claims comparison 2—14902
- heavy, analysis by isotope excited K X-ray fluorescence 2—13602
- ionization pots., empirical formulae 2—38820
- superheavy, existence for $A>300$ 2—18059
- superheavy, identification by in-flight X-ray measurements following heavy-ion-atom collision 2—11993
- superheavy, nucleosynthesis in universe 2—33578
- superheavy, possibility of occurrence in nature 2—24148
- superheavy, search in natural materials 2—34869
- synthesis of element 105 2—18058
- transplutonium, conf., Argonne USA (1971) 2—21346
- transplutonium, research status report 2—21347
- Se, general properties and applications, review 2—19615
- **origin**
  - *see also Cosmology; Thermonuclear reactions*
  - heavy neutron rich nuclides production by supernovae 2—37308
  - light elements, rel. to pulsar theory of cosmic ray production 2—16955
  - neutron capture exp., stellar element formation 2—41084
  - nuclear astrophysics, cosmic synthesis 2—13821
  - nucleosynthesis and evolution 2—20461
  - nucleosynthesis and stellar evolution, energy production 2—20464
  - superheavy, elements, nucleosynthesis in r-process in explosive stellar events 2—23079
  - H_2, high velocity neutral gases, formation in collisions of high momentum extragalactic clouds with galactic gases 2—30406
  - Li, Be, B in interstellar gas, produced by galactic cosmic rays 2—13818
  - $^{16}O(p,\alpha)^{13}N$ astrophysical importance of rate and cross section of reaction for nucleo-synthesis 2—24217
- **relative abundances**
  - abundance gradients across spiral galaxies, planetary nebulae rel. to interstellar medium enrichment 2—37269
  - Am type cluster stars, Fe anomalies 2—13906
  - Andromeda galaxy, emission regions in the nucleus and disk 2—13851
  - Ap stars, anomalies 2—13891
  - Ap stars, magnetic, review of theories of anomalies 2—26668
  - in Ap stars, Os-Pt-Hg abundance peak and very heavy cosmic rays 33624 2—33624
  - εAur, F-type supergiant, det. from equivalent line widths 2—37298
  - in B supergiants HD96248 and HD164402, comparison with main sequence star τ Scorpii 2—23068
  - DG white dwarfs, metal abundances and internal temps. 2—33661
  - Groombridge 1830 subdwarf, curve of growth analysis 2—41090
  - HD122563, metal poor red giant, analysis 2—30462
  - intergalactic medium, heavy elements from X-ray spectrum of 3C 273 2—26612
  - ionosphere E-region, abundances of metallic ions 2—41006
  - metals in Populations I and II stars, surface temperatures and curves of growth 2—30442
  - meteor composition, TV recording of faint spectra 2—4983
  - in meteorite, Assam, He, Ne and Ar 2—1998
  - nuclear astrophysics, cosmic synthesis 2—13821
  - on ε Peg, late type supergiant37284 2—37284
  - αPer, normal composition supergiants, det. from equivalent line widths 2—37298
  - in population II stars, contribution of cosmic ray nuclei to metallic elements 2—10852
  - 29 Psc, photometric standard star 2—4817
  - rare earths, in Ap star β CrB 2—4829
  - rare earths in abyssal and plateau basalts 2—10698
  - solar chemical composition from observations of photosphere and corona 2—23129
  - solar corona, det. from e.u.v. spectra 2—20692
  - solar corona, spectra, forbidden line identifications 2—26929
  - solar corona ions 2—37386
  - solar cosmic rays, following particle event 2—5006
  - solar rare gases and astrophysical and cosmochemical problems 2—26874
  - spectra in diffuse cosmic X-rays, mode of excitation 2—7370
  - stars, critique of theory of spectra 2—26707
  - stars, effects on colours 2—33760
  - in stars, late-type, curve of growth method 2—1957
  - superheavy cosmic rays ($A>81$), production and propagation in Galaxy 2—23055
  - terrestrial planets and Moon, rel. to Sun 2—20640
  - white dwarfs, cool, from spectral obs. 2—20540
  - white dwarfs, DF spectral types 2—7414
  - Ag, solar spectrum in near u.v. spectrum synthesis method, agreement with type I carbonaceous chondrites 2—26880
  - Al/Si in quasar PKS 0237-23 det. from absorption spectrum 2—4909

Elements continued
relative abundances continued
^{26}Al/Si, rel. to nucleosynthesis of ^{26}Al in the early solar system and cosmic rays 2—20470
B lunar abundance in fines from Apollo and Luna missions 2—7508
Be lunar abundance in fines from Apollo and Luna missions 2—7508
C/Si in quasar PKS 0237-23 det. from absorption spectrum 2—4909
^{12}C/^{13}C ratio and neutrino emission in the Sun 2—11026
^{12}C/^{13}C ratio in i.r. object IRC+10216 2—4843
Ca/Na ratio in interstellar gas, interferometric study of Ca II K-lines in 65 stars 2—26746
Fe/H ratio in F dwarfs in Coma open cluster 2—4893
Fe/H ratios from eight-colour intermediate band photometric system for stellar spectra 2—37293
H/He ratio in Jovian atmosphere, calc. from obs. of occultation of β Sco 2—7523
^{2}H/H ratio in the primitive Sun, astrophysical implications of a new value 2—14010
Hα/[NII] spectral lines brightness ratios, nitrogen abundance in gaseous nebulae 2—37272
He/H ratio and HI and II regions rel. to types of galaxies 2—13928
^{4}He, ^{12}C, ^{16}O, ^{20}Ne, ^{24}Mg, ^{28}Si and ^{56}Fe, in surface of magnetic neutron stars 2—30477
Hg in Hg stars 2—4830
K/U ratios, radioactive lunar rocks, rel. to radioactive heat sources 2—20671
Li, Be, B in interstellar gas, produced by galactic cosmic rays 2—13818
Li lunar abundance in fines from Apollo and Luna missions 2—7508
Na, Li and K airglow observations, vertical abundance characteristics 2—30321
O/O$_2$ and O/N$_2$ ratios in lower thermosphere, semiannual variations in the neutral composition of atmosphere 2—30309
O, He, Ne ratios rel. to H in dwarf blue galaxies 2—26625

Ellipsometry
adsorbed layers at interfaces, conf., London, England, Dec. (1970) 2—9298
compensator azimuth and position choosing 2—34499
complex formation and structure obs. on chemisorption of gases on clean Si and Ge surfaces 2—10619
electrode processes, optical methods for studying 2—40823
electroreflectance meas. in nonuniform field in small-wave-number approx. 2—26139
ellipsometer aligning using McCrackin methods, use of total reflection prisms 2—38038
equi-azimuth and equi-ellipticity contour charts 2—31102
extreme u.v., opt. const. determ. method 2—16461
film, light absorbing, optical constants and thickness meas. 2—6341
metal/electrolyte interfaces, double-layer structure models 2—9235
multiple-angle, parameter correlation and computational considerations 2—1160
optical constants det. for films and surfaces 2—11512
oriented molecular layers, specular reflectance and ellipsometric spectroscopy 2—26110
polarization transfer function of optical systems 2—23695
refractory metal oxide, film, prep. by gaseous anodization, optical props. detn. 2—13301
stress analysis, portable polarimeter, IG-86, using optically sensitive coatings 2—34501
stress corrosion cracking rel. to repassivation kinetics, tribo-ellipsometry technique obs. 2—36157
surface films, obs. by use of optical cavities 2—39473
surface roughening, heterogeneous anodic dissolution 2—25173
techniques and applications to polymer adsorption 2—9303
transient, method for obs. of film growth and passivation 2—10635
transparent film/absorbing substrate system, generalised method, applic. to Si 2—12651
u.v., using imperfect polarizers 2—7992
Ag film, aggregated, effect of optical anisotropy on ellipsometric det. of n, k and d 2—40606
Al$_2$O$_3$ layers characterization on Al 2—22070
Cr film, evaporation deposited, surface, oxidizing and nitriding effects 2—39503
Cs absorbing film on W, validity of Drude relations below monolayer coverage 2—15670
Fe, oxide film growth mechanism and passivation transient ellipsometry obs. 2—10635
Ge, high resolution meas. of linear dielectric function 2—13462
He film profile on gold and quartz substrates measured by this technique 2—3419
Sb$_2$S$_3$, as function of wavelength on (010) axis 2—19965
Si, anodic oxides, refractive index and thickness determ. 2—3799
Si, optical constant det. at 5461 Å, etched and cleaved samples 2—36817
Si, sputtering yield and sticking probability 2—32378
Si film on absorbing substrate, optical constants at 3655 Å 2—12651
Si surface characterization, treatment effects 2—25187
SiO$_2$, measurement of thicknesses and indices of films 2—6353
SiO$_2$, optical constant det. at 5461 Å, etched and cleaved samples 2—36817
SiO$_2$ on Si substrate for Hg and He-Ne laser spectral lines, book of tables 2—6355

Emission spectra *see Luminescence; Spectra; X-ray spectra/emission*

Emissivity
atmosphere, isothermal scattering and absorptive, proof of relation between reflectivity and emissivity 2—40965
cavity radiators, deduced from reflectance obs. 2—7767
cavity source, evaluation by reflection obs. 2—5258
ceramic cylindrical cavity with circular baffles 2—37796
clouds of elongated particles 2—10729
degree of blackness meas. method for small specimens, quartz and cordierite sinters of inorganic materials 2—27309
dielectric surface, microscopically roughened, model calcs. 2—40098
duoplasmatron ion source, factors affecting 2—7883
integrated, thin polycrystalline films, det. using electron diffraction 2—29016
limitation of layers in gas-electrode boundary 2—35511
microwave, of ocean surface foam 2—34253
plastic film on Al substrate, total normal emittance 2—40604
proton beam, aberrated cylindrically symmetrical 2—7841
quality of cylindrical model of absolute blackbody 2—37794

Emissivity continued
refractories, dielectrics, spectral emission, normal total, temp. range 1000-1500°C 2—4454
Rhodamine B, in vapour phase, possible laser action 2—39007
rough surfaces, effects of surface relief on radiation props. and det. of roughness factor 2—28984
Rubrene in vapour phase, possible laser action 2—39007
seawater, cm wavelength, variations with temperature and salinity 2—1783
solid, radiation prop. meas. 2—19474
solid, radiation prop. meas. 2—19474
surface, protable instrument for use at room temperatures 2—37804
thermal emittance meas. technique 2—17457
thermophysical high temp. props., high speed meas. 2—19410
total, heat conduction calc. method 2—37795
water, cm wavelength, variations with temperature 2—1783
Al$_2$O$_3$ powder, spectral normal emittance determ. using heated metal substrates 2—40088
C, graphite, total normal, angular dependence, meas., 1200-2400K 2—4083
C graphite, polycrystalline, monochromatic 2—6693
CO$_2$, H$_2$O and mixtures at high temps. and pressures, calc. by just overlapping spectral line model 2—39282
CO$_2$ 91% and N$_2$ 9% gas mixtures as simulated Venusian atmosphere 2—30584
CO$_2$ meas. in pressure range 1-21 bar and temps. 673-1070K 2—39281
Co, liquid 2—21979
Fe thermal near Curie temperature 2—1440
H plasma, local thermodynamic equilibrium, continuous emission calc. 2—24715
H$_2$O vapour, calculation technique for use in computer programs 2—3041
Hf high temps. including β phase and thermal effects of $\alpha \rightarrow \beta$ transformation 2—29552
Mo, total normal, angular dependence, meas., 1200-2400K 2—4083
N$_1$ thermal near Curie temperature 2—1440
Nb, high-speed (subsecond) measurements, 1500-2700K 2—40076
Pd, liquid 2—21979
Ta, total normal, angular dependence, meas., 1200-2400K 2—4083
Ti, integral and monochromatic coeffs. of radiation blackness in temp. range 1000 to 1700 K 2—29551
V, 1200-1800 K 2—19469
W, hemispherical total emittance and normal spectral emittance, 2000-3600K 2—25682
W, normal spectral and hemispherical total emittance, 2800K 2—19470
W, total normal, angular dependence, meas., 1200-2400K 2—4083
ZrC-graphite alloy, thermoemissive props. 2—1343
ZrC, high temp. 2—6694

Emulsions
see also Colloids
due to acoustically induced surface instabilities in reacting liquids 2—30044
dielectric props., theoretical models 2—32291
electronography, efficiency of commercial electron-sensitive plates 2—7584
sound propagation, effect of particle viscosity 2—15616
water, dipolar type Debye relax. 2—28923
Na halides, photographic, line element image broadening as a function of exposure 2—38169

Emulsions, nuclear *see Nuclear track emulsions*

Emulsions, photographic *see Nuclear track emulsions; Photographic materials*

ENDOR
see also Nuclear magnetic resonance and relaxation; Paramagnetic resonance and relaxation
alkali halide cryst., hyperfine interaction const. rel. to external elec. field 2—26312
alkaline earth fluorides, intrinsic pt. defects obs. 2—30006
atomic positions, detailed mapping 2—20169
biphenyl, in soln., hyperfine splitting consts. 2—15396
cyclohexane, plastic phase, radical doped, molecular motion 2—26292
diphenyldiazomethane, irradiation in single crystal soln., rates and mechanism 2—33363
1,1-diphenylethylene:diphenyldiazomethane, photolysis, spectral obs. rel. to cryst. struct. 2—37055
diphenylmethylene+1,1,diphenylethylene, in single cryst. soln., rates and mechanics 2—33363
diphenylmethylene+diphenyldiazomethane, in single cryst. soln., rates and mechanism 2—33363
DPPH in polystyrene, dynamic nuclear polarization rel. to localization of energy in organic molecules 2—15369
4-formyl-2, 6-di-tert-butylphenoxy radical, temp. dependence 2—5975
hexahelicene anion radical, hyperfine coupling constants 2—844
1,2,3,6,7,8-hexahydropyrene anion radical, liq. phase, spectrum 2—5978
hyperfine interactions investigation by selective amplification of steady-state lines 2—10473
imidazole, H-bonded cryst. with protonic conductivity, γ-induced radicals, e.p.r. and ENDOR obs. 2—26293
inversion connected nuclei equivalency, infringement 2—10578
liquid crystal ENDOR spectra of organic radicals 2—21647
using low power (25 watt) r.f. source 2—23470
methyl malonic acid cryst., γ-irrad., methyl group tunnelling rot. freq. 2—22848
2- methyltetrahydrofuran irradiated glasses, study of trapped electron 2—26377
pentaphenylcyclopentadienyl, methyl substituents effects on orbital degeneracy 2—24525
perinaphthenyl radical in liquid crystalline phase 2—21647
perovskite fluorides, doped, first- and second-shell hyperfine interactions 2—20144
phenoxy radicals in solutions 2—5987
phenyl substituted imidazyl and pyrryl radicals, spin density distrib. determ. from e.s.r. spectra 2—8807
2-phenyl-naphthalene radical anion, in solution spectra, hyperfine splitting, coherence effects 2—5988
porphyrexide in n-butanol and water relax. rates and dynamic nuclear polarization 2—25114
radical pairs radiation-produced in organic systems 2—20194
ruby, spin echo, hyperfine and quadrupole interaction parameters 2—26311
semiquinone solns., obs. using low power (25 watt) r.f. source 2—23470

ENDOR continued
  solution spectra, assignment 2—5987
  spectrometer, working at X-band for the microwave pumping 2—5303
  o-, m- and p-terphenyl, in soln., hyperfine splitting consts. 2—15396
  triazole, H-bonded cryst. with protonic conductivity, γ-induced radicals, e.p.r. and ENDOR obs. 2—26293
  tri-t-butylphenoxyl radical in liquid crystalline phase 2—21647
  triglycine sulphate , on radicals of glycine II and III 2—10583
  $BaF_2:Eu^{2+}$, ENDOR meas. of hyperfine and transferred hyperfine interaction 2—40756
  $BaF_2:Eu^{2+}$, hyperfine interactions 2—30030
  $CaF_2:Eu^{2+}$, ENDOR meas. of hyperfine and transferred hyperfine interaction 2—40756
  $CaF_2:U^{3+}$, spectra of U^{3+}—F^- system, superhyperfine interaction constants 2—4565
  $CdF_2:Eu^{2+}$, ENDOR meas. of hyperfine and transferred hyperfine interaction 2—40756
  $CdF_2:Eu^{2+}$, hyperfine interactions 2—30030
  $CdS:Co^{2+}$, hyperfine consts. determ. 2—40788
  $CdS:Co^{2+}$, quadrupole splitting 2—7153
  KBr, K′-band optical absorpt. study 2—39715
  KH_2AsO_4 and KD_2AsO_4, proton-lattice coupled mode obs. 2—19376
  $K_2MgF_4:Mn^{2+}$, $K_2ZnF_4:Mn^{2+}$, spin-Hamiltonian higher order parameters at 4.2 K 2—30028
  $KMgF_3:V^{2+}$, covalent spin transfer obs. 2—20143
  $KMnF_3$, doped, first- and second-shell hyperfine interactions 2—20144
  K_2MnF_4, antiferromag., hyperfine splitting of Mn^{2+} 2—7154
  $KZnF_3$:Fe, Fe^{3+} (K^+ vacancy) centre obs. 2—36986
  $LaCl_3$, of $^{147}Sm^{3+}$ and $^{149}Sm^{3+}$, g-factors, dipole moments, cryst. field shielding 2—37016
  LiCl, F-centre hyperfine interaction study 2—22232
  LuAl garnet:Cr^{3+}, hyperfine and transferred hyperfine interaction 2—10582
  MgF_2, F-centre obs. 2—19128
  $NH_4H_2AsO_4$, proton-lattice coupled mode obs. 2—19376
  $NaBr:Cr^+$, superhyperfine and quadrupole interactions 2—20170
  $NaCl:Cr^+$, $NaF:Cr^+$, superhyperfine struct. obs. 2—30029
  $NaCl:Cr^+$, superhyperfine and quadrupole interactions 2—20170
  NaF-Cr^+, superhyperfine and quadrupole interactions 2—20170
  Rb_2MnF_4, antiferromag., hyperfine splitting of Mn^{2+} 2—7154
  $SnO_2:Fe^{3+}$, superhyperfine interaction study 2—22847
  $SrF_2:Eu^{2+}$, ENDOR meas. of hyperfine and transferred hyperfine interaction 2—40756
  $SrF_2:Eu^{2+}$, hyperfine interactions 2—30030
  $SrF_2:U^{3+}$ spectra of U^{3+}—F^- system, superhyperfine interaction constants 2—4565
  $SrO:^{55}Mn^{2+}$, and e.p.r. obs., hyperfine struct. 2—26287
  $TiO_2:Co^{2+}$, rutile, hyperfine consts. detn. 2—26313
  TiO_2, of V^{4+}, superhyperfine coupling 2—40767
  YAG:Cr^{3+}, hyperfine and transferred hyperfine interaction 2—10582
  $ZnSiF_6.6H_2O:Mn^{2+}$, spin-Hamiltonian higher order parameters at 4.2K 2—30028
  $ZnX_2(SO_4)_2.6H_2O:Cu^{2+}$, X=$NH_4$, K, Rb and Cs, sistant ENDOR obs. 2—30031

Energy bands *see Crystal electron states/band structure; Metals/theory; Semiconducting materials; Semiconductors*

Energy gaps *see Crystal electron states/band structure; Semiconducting materials; Semiconductors; Superconducting materials; Superconductivity*

Energy levels *see Atoms/structure; Molecules; Nucleus/energy levels; Spectra*

Energy loss of particles
    see also Channelling
  rel. to adsorption layer detection on thin films 2—39548
  alpha-particle stopping cross section, Z-depend. 2—40115
  amorphous solid targets, electron penetration and retardation 2—9910
  atom, stopping cross sections for low energy alpha particles 2—24391
  biological molecule, characteristic electron energy loss spectra 2—8837
  channelled protons in single crystals, study in CaF_2 and BaF_2 2—19480
  charged particle in gyrotropic medium 2—244
  charged particle with const. velocity, energy loss in Cherenkov radiation 2—14302
  cosmic ray muons, absorption curve 2—24015
  cosmic ray muons, at 2 to 500 GeV, due to nuclear interactions 2—24042
  crystal, contrib. of cond. electrons to charged particle stopping power 2—25709
  crystal surface, low energy electron inelastic scatt. by one phonon processes, theory 2—25170
  Doppler shift lifetime method, dependence on slowing environment 2—34985
  electron microscopy of irradiated metals, defect. cluster visibility 2—9520
  electron ranges, geometry effects 2—40116
  electron slowing-down-cascade spectra in solids 2—19475
  electrons, in collisions with N_2 and CO molecules at 10 keV 2—12170
  electrons, in electron-molecule collisions, Renner effect obs. 2—12070
  electrons, in solids, 1 to 100 eV, role of plasma excitation 2—1444
  electrons energy loss function and optical constant determination of α-SiC and β-SiC 2—1445
  external bremsstrahlung production by β particles in thin foils, Z dependence 2—27708
  fast ions, separate subshell contributions to stopping power of rare gases 2—24373
  in ferromagnetic material, slowing down due to strong internal magnetic field 2—6701
  film, stopping power for low energy protons 2—32862
  fission fragment energy degradation in elementary gases and solids, semi-empirical approach 2—8373
  glass, combined electron microscopy and energy loss analysis 2—18898
  heavy charged particles, energy-loss straggling, computer program 2—22442
  heavy ions, energy deposition and penetration depth in electronic stopping region 2—6472
  heavy ions, relativistic, in plasma 2—28498
  highly relativistic particles, anomalous increase in energy loss in Ne 102a phosphor 2—23918
  implanted ions, range distrib. theory based on energy distrib. 2—25707
  ion channelling, abnormal stopping power 2—32861
  leading particle in pp collisions, relation with multiplicity growth 2—14696
  metal, rel. to Monte Carlo calc. of high energy heavy ion backscatt. 2—40101

Energy loss of particles continued
  metal film, electron energy loss spectra, phonon effects 2—6699
  nonmetallic crystal, electron stopping, exciton mechanism 2—6700
  nucleic acid bases, thin films, energy loss functions for 25 keV electrons 2—22445
  nucleic acid bases, thin films, energy loss functions for 25 keV electrons 2—22446
  photoproton experiments, method of energy loss correction for thick detectors 2—38352
  plasma energy deposition from nuclear elastic scattering 2—6067
  polyatomic target, energetic ions, Monte Carlo simulation 2—32860
  protons, 0.6 to 2.0 MeV, in Fe, Co and Sb, meas. by gamma resonance shift method 2—4088
  Ramsauer effect, exptl. demonstrations 2—7637
  range of atoms in solids, numerical eval. method 2—6698
  scattered from thick target, spectrum shape in terms of energy losses 2—8321
  solid, electron energy dissipation vs, penetration distance 2—13064
  solid target, energy loss fraction backscattered electrons 2—9909
  Sternheimer formula modification, ionization in gas track detectors 2—21334
  stopping power of matter for charged particles, contrib. of surface losses 2—36377
  stopping power of matter for charged particles, Z_1^3 effect 2—24392
  thin absorbers, energy spread for a range of incident particles and targets 2—4089
  track creation in dielectric detectors 2—11684
  transition metal-aluminium alloy films, electron losses 2—6704
  transition metals, charact. energy loss spectra, theory 2—6743
  transition radiation, macroscopic quantum theory 2—16072
  water, light and heavy, neutron slowing down times 2—2838
  Ag, fission fragment transmission, atomic stopping powers 2—1446
  Ag, stopping power for Na^+ and K^+, rel. to refl. coeff. calc. 2—22065
  Al, correlation between characteristic loss and secondary spectra 2—12643
  Al, electronic stopping power of 45.5 keV Ne ions 2—9913
  Al, fission fragment transmission, atomic stopping powers 2—1446
  Al, proton energy straggling as a function of foil thickness 2—36382
  Al thin foils, ^4He ion multiple scattering and energy losses, <300 keV 2—4090
  Al^+ ions, 50 keV, range distributions of mean ranges in C, Cu, Mo and Ta targets 2—19479
  Ar gas, atomic stopping cross section determ. for 0.5 to 2 MeV alpha particles 2—21534
  Au, stopping power for Na^+ and K^+, rel. to refl. coeff. calc. 2—22065
  Au films, charact. electron energy loss spectra, collective surface oscillations 2—16124
  B, multiply charged ion beam passing through celluloid film, determ. of electron loss and capture cross section 2—1447
  BaF_2, proton channelling in $\langle 111 \rangle$ direction, stopping power 2—29574
  Be, ang. and energy distrib. of inelastically reflected electrons 2—9911
  Be, multiply charged ion beam passing through celluloid film, determ. of electron loss and capture cross section 2—1447
  C foil, electronic and nuclear stopping cross-section, light mass ions, 4.5 to 46 keV 2—9912
  CaF_2, proton channelling in $\langle 111 \rangle$ direction, stopping power 2—29574
  ^{252}Cf fission fragment straggling through air 2—8374
  ^{252}Cf fission fragments, energy loss measurements in elementary gases and solids as compared with theory 2—8377
  Co, electron energy loss spectra, low energy peaks, oxide effects 2—29583
  Co films, electron losses 2—6704
  Cr, charact. electron energy loss spectra, plasma losses 2—19526
  Cr film, proton deceleration 2—6702
  CrB, CrSb, Cr_2Te_3, charact. losses from X-ray spectra 2—40702
  CsI due to ionization 2—4091
  Cu, electronic stopping power of 19.4 keV Ne ions 2—9913
  Cu film, proton deceleration 2—6702
  D_2 gas, atomid stopping cross section determ. for 0.5 to 2 MeV alpha particles 2—21534
  Dy, charact. electron energy loss spectra, plasma peaks 2—1470
  Fe, depth distrib. of energy deposition by Fe^+ 2—6475
  Fe, electron energy loss spectra, low energy peaks, oxide effects 2—29583
  Fe, fission fragment transmission atomic stopping powers 2—1446
  GaAs, electron characteristic loss spectrum, fine struct. 2—6330
  Gd, charact. electron energy loss spectra, plasma peaks 2—1470
  Ge:B,P, amorphous, ion implanted, path length distrib., 25-150 keV 2—25710
  Ge, amorphous film, energy loss spectra of 25 keV electrons, two phonon excitation 2—19481
  H_2 gas, atomic stopping cross section determ. for 0.5 to 2 Mev alpha particles 2—21534
  He gas, atomic stopping cross section determ. for 0.5 to 2 MeV alpha particles 2—21534
  He ionizing particle per ion pair energy meas., Penning ionization, non-metastable excited states 2—28234
  K^+, in head-on collisions with He, H_2 and D_2 2—679
  KCl films, slow electrons, resonance potentials 2—25711
  Mg, fission fragment transmission, atomic stopping powers 2—1446
  Mo, charact. electron energy loss spectra during oxidation 2—9250
  N, multiply charged ion beam passing through celluloid film, determ of electron loss and capture cross section 2—1447
  N_2, 500eV incident electrons, energy loss cross sections, study of inelastic continuum 2—8670
  N_2 gas, atomic stopping cross section determ. for 0.5 to 2 MeV alpha particles 2—21534
  NaCl films, slow electrons, resonance potentials 2—25711
  Ni, electron energy loss spectra, low energy peaks, oxide effects 2—29583
  Ni, electronic stopping power of 21 keV Neon ions 2—9913
  Ni (111), characteristic energy loss of slow electrons scattered from surface, temperature dependence in Curie point region 2—28991
  Ni film, obs. of stopping power of Li and Na atoms by transmission method 2—16077
  Ni films, electron losses 2—6704
  Ni foils, energy loss distrib. of 17 MeV protons 2—6703
  O, multiply charged ion beam passing through celluloid film, determ. of electron loss and capture cross section 2—1447
  Pb, ang. and energy distrib. of inelastically reflected electrons 2—9911
  Sb optical constants between 2 and 25 eV by energy loss meas. with fast electrons 2—40603
  Se, electron energy loss function 2—22725

Energy loss of particles continued
Si, amorphous film, energy loss spectra of 25 keV electrons, two phonon excitation 2—19481
Si, light ion channelling 2—40118
Si, protons back-scattering, fast 2—22441
Si thin crystals, stopping power of energetic He ions 2—40117
SiO_2 glass, sputtering yields and damage depths caused by 5.6 keV inert gas ions, energy losses 2—25713
Te, electron energy loss function 2—22725
Ti, charact. electron energy loss spectra, plasma losses 2—19526
Ti films, electron losses 2—6704
UC, UO_2, electronic stopping power, fission spike props., elec. microscope obs. 2—36390
V, charact. electron energy loss spectra, plasma losses 2—19526
V films, electron losses 2—6704
W, (100), LEED, plasmons 2—25186
W, penetration of Kr^+, computer simulation 2—29581

Enthalpy *see Thermodynamic properties*

Enthalpy measurement *see Calorimetry*

Entropy
see also Thermodynamics
'gain of information' as equivalent to produced entropy in quantum statistics 2—5162
of activation in self-diffusion in liquids 2—21974
adiabatic processes 2—23392
clusters of atoms, small, vibrational frequencies and entropies determ. for cubic and hexaganol-close-packed arrangements 2—25651
expanding universe, increase, application of gen. relativistic eqns. of fluid dynamics 2—14087
flow, bond graphs for 2—7765
geomagnetic reversals, maximum entropy power spectrum method 2—20420
Gibbs' total entropy, rel. to H-theorem 2—33951
global Clausius-Duhem inequality, restrictions on constitutive equations 2—37792
Hubbard model, one-dimens. half-filled 2—40537
Hubbard model, one-dimens. half-filled-band 2—22670
integrals in information thermodynamics, approx. 2—7688
irreversibility, compatibility of astronomical and statistical observations 2—4765
itinerant electron system, high temp. 2—10183
law of increase, proof from entropy definition as log. of no. of quantum states accessible to closed system 2—14128
measured quantal object, entropy changes 2—7665
monopolar continuum, of grade n 2—5205
nonlinear systems, entropy and self-oscillations 2—30856
production inequalities for fluid mixtures 2—12314
quantum theory of measurement 2—67
restoration of degraded images using an information-theory model with maximum likelihood and entropy 2—31083
semiconductor electron gas in crossed fields 2—6745
temporal change, discussion using inequality for two positive operators 2—2161
thermodynamics, rel. to reversible process and second law 2—37793
in thermodynamics and Shannon's fundamental inequality, analogies 2—5256
thiourea polycrystals, 25 to 350 K calc. from i.r. and Raman spectra 2—29923
uncertainty, simple derivation of relationship 2—33943
weighted, in information theory, properties, axiomatics and max. value 2—11303
K° decay, entropy prod. and microscopic irreversibility in CPT violating case 2—2546
$AgNO_3$ melts, excess molar entropy from e.m.f. meas. 2—21980
$GdCl_3.6H_2O$, determination using heat capacity meas. from 5 to 300K 2—16035
β-$Gd_2(MoO_4)_3$, antiferromag., ferroelectric, 0.4-4.2K 2—10239
He II, production inequality, Landau's two-fluid model 2—39408
K, liquid, vaporization entropy as function of temp. determ. from vapour pressure curves 2—28963
$LiNO_3$-$AgNO_3$ melts, excess molar entropy from e.m.f. meas. 2—21980
NaCl, vacancy pair form. entropy calcs. 2—36019
$NaNO_3$-$AgNO_3$ melts, excess molar entropy from e.m.f. meas. 2—21980
$TbCl_3.6H_2O$, determination using heat capacity meas. from 5 to 300K 2—16035

properties of substances
alkali halide-alkaline earth halide fused systems, partial entropy of mixing 2—30074
grain boundary and surface entropy calculation 2—9844
graphite, surface phonon entropy calc. 2—32335
group III-V systems, ternary, phase diag. calcs. 2—22354
intergranular entropy calc. method 2—39707
liquid metal, non-equilibrium surface tension 2—6223
mesomorphic, effect of mol. struct. changes 2—9090
metal, cubic, vacancy form. entropy 2—36016
molten salts, sonic vel. rel. to entropy 2—25074
phase transformations, calculations, $RbBF_4$ I/IV $CSClO_4$ II/I, $CsBF_4$ II/I 2—3987
polymer solutions, thermodynamic props. 2—15583
solid solns., interstitial, statistical mech. calc. of thermodynamic props. 2—6605
superconductor, type-I, vortex transport entropy, tunnelling effect 2—16162
superconductor, type-II, transport entropy of vortices 2—13161
transition metal monocarbides, C self-diffusion 2—9622
Al-Au system entropy of formation of intermetallic cpds. 2—25591
Al-Zn solid solution, activity meas., thermodynamic props. 2—4059
Al bicrystal calc. of intergranular entropy 2—39707
Ar, solid, vacancy formation entropy calcs. from normal mode vib. freqs. 2—22191
Ar adsorption on prefrozen ethylene layers 2—22088
$BaTiO_3$, ferroelectric-paraelectric phase transition, press. depend. 2—13319
Fe-Ni alloy, thermodynamic activity, heat of mixing. 750-1150°C 2—39929
Ga_2S_3, entropy of dissoc., 1129-1304 K 2—30047
InI, entropy of evaporation, calc. 2—28944
LiF, radiation hardened, role in thermal deform. 2—3869
Mg_2Pb, semiconductor, temp. range 5-300K 2—4066

Entropy continued
properties of substances continued
Na_2SO_4, vaporization, study by transpiration method 2—28961
Nb-Mo-N system, α solid soln. 2—19313
Nb-Mo alloy, supercond., vortex motion entropy 2—13167
SbSI, ferroelectric phase transition, soft mode coupling, critical Rayleigh scatt. 2—16012
UN, high temp. 2—40796
Zn-Sn-Cd-Bi, liquid solutions, thermodynamic props. 2—3382

Epitaxy
see also Crystals/growth
aliphatic polyesters, epitaxial growth on uniaxially oriented polyethylene, polypropylene, polycaprolactam and polyoxymethylene 2—29106
aliphatic polyesters, epitaxial growth on uniaxially oriented polyethylene 2—29105
batcher for fabricating layers 2—25189
Bi_2Se_3, vapour phase, struct., elec. diffr. obs. 2—39498
coherent cryst. interfaces as two-dimens. superlattices 2—25324
copper hexadecachlorophthalocyanine in epitaxial films, electron diffr. obs. 2—9292
crystallite Brownian migration 2—6340
crystallite Brownian migration 2—6339
films, det. of thermal e.m.f. using probe 2—17508
garnet, for bubble domain device, from supercooled melt 2—6401
garnet, liquid phase epitaxially grown, growth-induced anisotropy 2—13372
garnet film growth for bubble devices 2—35875
garnet film growth from coprecipitated garnet-flux solns. 2—35876
liquid phase, a new method for terminating growth 2—25277
metal, parabolic oxidation, thin film parabolic growth low, elec. field effects 2—15660
metal films, ion beam sputter deposited, nucleation, electron microscope obs. 2—6343
metal films, single crystal, vacuum depositing technique 2—9259
$Pb_{1-x}Sn_xTe$, using quasiequilib. system 2—39517
polycaprolactam, epitaxial growth on uniaxially oriented polyethylene, polypropylene, polycaprolactam and polyoxymethylene 2—29106
polyoxymethylene, crystallization during polymerization in aqueous soln. 2—35954
semiconductor, smooth uniform layer growth method 2—32343
semiconductor, ZnS film, sapphire substrate, gas transport method 2—1188
semiconductor layers, rate of growth from soln. in liq. metal, calc. 2—18930
semiconductor periodic structures, p/n or band gap, molecular beam deposition 2—6404
sulphospinels, ACr_2S_4, A=Mn, Fe, Co, Cu, on NaCl substrates 2—9342
Ag, deposition on molybdenite, substrate temp. effect 2—25192
Ag, vacuum deposition on NaCl 2—39488
Ag film, deposition on molybdenite 2—29024
Al, on KCl, Brownian motion of crystallites on substrate surface 2—32359
$Al_xGa_{1-x}As$, partial dissolution, effect on light emitting diodes 2—1541
AlN, prep. from trimethylaluminium 2—12659
Au, on cleaved NaCl, water vapour influence 2—22071
Au, on ZnO, low temp. 2—9261
Au, vacuum deposition on NaCl 2—39488
Au film, condensed, substrate influence on nucleation nature 2—6345
Au on NaCl:Ag substrate at 473K 2—39496
CdS film, grown from vapour, props. 2—39535
CdS film, on NaCl, effect of substrate orientation on struct. 2—29031
CdS layer, growth on (111)Ge and (111)CaF_2, vapour phase method 2—35887
CdSe layer, growth on (111)Ge and (111)CaF_2, vapour phase method 2—35887
CdTe layers, growth on Ge by transport through sublimation in inert medium 2—25188
Co films, anomalously high elastic strains 2—32361
Cr film growth on LiF and NaCl substrates 2—9272
Cu-Cr, immiscible film, thermally induced phase separation, nucleation, growth 2—6350
Cu, surface impurity effects, elec. diffr. obs. 2—39507
Cu, vacuum deposition on NaCl 2—39488
Cu film, on NaCl substrate, effect of H_2O vapour 2—12657
Cu film, reduction of CuCl and CuBr by H_2 2—32362
Er Fe garnet film, magnetic bubble domain 2—29823
Fe(N) sheets and foils, epitaxial intergrowth and phase relations 2—39539
p-GaAs:Si, electron radiative recomb. during epitaxial growth 2—20095
GaAs:Si, laser, amphoterically doped, one step liquid phase epitaxy 2—5376
GaAs:Si layers, n- to p-type conversion, substrate orientation depend. 2—1515
GaAs:Sn, Ge, Mg epitaxial film growth, observation of surface structure 2—3553
GaAs:Zn, Cd film, heteroepitaxial, formation and elec. props. 2—22531
GaAs, crystal quality evaluation using photoluminescence 2—4475
GaAs, growth, thermodynamic study of doping 2—3530
GaAs, heteroepitaxial growth on insulating substrates 2—39510
GaAs, in Ga soln., computer simulations of liq. phase epitaxy 2—3531
n-GaAs, liquid and vapour phase rel. to nuclear radiation detectors 2—34816
GaAs, liquid phase growth, doping and properties 2—29104
GaAs, liquid phase growth 2—25201
GaAs, optical, crystallographical characterization 2—32364
GaAs, rate of growth from liq. Ga-GaAs system, calc. 2—18930
GaAs, transitional layer formation 2—9275
GaAs, two-stage growth on spinel, diode form. 2—10090
GaAs, vapour phase, effects of $AsCl_3$ conc. on impurity incorporation 2—9276
GaAs, vapour phase, Si contamination, electron probe microanalysis obs. 2—39594
GaAs epitaxial growth, liquid phase 2—32366
GaAs epitaxial high purity growth 2—35891
GaAs epitaxial multilayer vapour growth 2—35892
GaAs epitaxial vapour growth 2—32365
GaAs film, effect of prep. conditions on elec. props. 2—35894
GaAs film, r.f. sputtering on NaCl substrate 2—29047
GaAs films, growth from gaseous phase and solution 2—3528
GaAs layer growth on GaAs substrate at const. temp. 2—39588
GaAs layers, Cu contamination, photoluminesc. study 2—19669

Epitaxy continued
GaAs layers, doping level and impurity distrib., substrate temp. effects 2—18938
GaAs layers, faceted surface defect formation 2—25200
GaAs single crystal layer, stacking fault-free 2—3533
$GaAs_xP_{1-x}$ layers, comp. and growth rate, deposition temp. influence 2—39509
$Ga_xIn_{1-x}P$, by PCl_3 reaction 2—19015
$Ga_xIn_{1-x}Sb$, liquid phase, elec. props. 2—19002
GaN, gas phase reaction, rel. to luminescent elements 2—39595
GaN, prep. from trimethylgallium 2—12659
GaP:O, oxygen incorporation rel. to luminesc. props. 2—39593
GaP, films, growth from gaseous phase and solution 2—3528
GaP, vapour phase growth on GaAs 2—29032
GaP layer, doping gradient, C-V characts. 2—22222
GaP layer perfection, substrate prep. influence 2—25199
n-GaS, on p-GaS, vapour phase chemical transport 2—3590
GaSb layers by liquid phase crystallisation 2—3529
Ge, effect of deposition rate of film props. 2—10067
Ge, film, evaporated, rock salt substrate, optimum growth condition 2—6351
Ge, heteroepitaxial film on GaAs, stress, orientation, thickness effects 2—3534
p-Ge, on n-GaAs, heterojunction prep. 2—29720
Ge, rate of growth from liq. In-Ge system, calc. 2—18930
Ge, selective deposition, growth mech. near Ge-SiO_2 boundary 2—25203
Ge film, dislocation density, rel. to deposition conditions 2—29035
Ge film, influence of $AsCl_3$ impurity on growth mechanism 2—39513
GeO_2, metastable phase, on SiO_2 substrate 2—19016
$Hg_{1-x}Cd_xTe$, vapour growth 2—29036
$Hg_{1-x}Cd_xTe$ crystal growth, for i.r. detectors, review 2—17412
$In_xGa_{1-x}As$, crystal growth, phase diagram, and band struct. 2—19004
$In_xGa_{1-x}As$, soln. growth technique 2—1216
$In_xGa_{1-x}P$, phase diagram for In-Ga-P system 2—9837
$In_xGa_{1-x}Sb$, phase diagram determ. for In-Ga-Sb system 2—9836
InSb, on CdTe, liquid phase 2—1178
Mn film growth on LiF and NaCl substrates 2—9272
MnO films, growth by impurity diffusion in Mn doped NaCl crystals 2—3536
MnO_2 growth on Cu-Mn alloy 2—19267
Mo film, FIM study 2—22073
Ni, single crystal films, heteroepitaxial growth by vacuum evaporation 2—3538
Ni film, condensed, substrate influence on nucleation nature 2—6345
P, single cryst. on NaCl, flash evap., structure 2—9280
Pb film deposition, Cu substrate, LEED obs. 2—29037
Pb film growth on mica and glass 2—32374
PbS, multilayer approach using NaCl as a parting layer 2—39518
$Pb_{0.918}Sn_{0.082}Se$ film growth on BaF_2 and CaF_2 substrates 2—25205
$Pb_{1-x}Sn_xTe$, controlled growth and heat treatment 2—32375
PbTe, growth on CaF_2 substrate, electron bombardment effects obs. 2—1181
PbTe, Schottky barriers, application to i.r. detectors 2—7769
Pt particles on $Sr_{1-x}Ba_xNb_2O_6$ grown in Pt crucible 2—39579
ScAS(P), vapour growth 2—9282
Si, crystal imperfections, ion channelling studies 2—19084
Si, effect of water vapour on B doping 2—12665
Si, effects of grown in and process induced defects 2—25248
Si, layers, surface morphology, model derivation 2—3544
Si, N-N^+ epitaxial layers, impurity profile estimation near interface 2—15779
Si, on sapphire structure defects 2—6354
Si, selective through Si_3N_4 window 2—9285
Si, stacking faults conc., rel. to growth rate 2—6499
Si, vapour deposited, struct. rel. to growth conditions 2—39524
Si epitaxial layer resistance profile meas. method 2—19683
Si film, by silane pyrolysis, HEED and Auger spectroscopy obs. 2—39523
Si film, growth mechanism 2—3542
Si film, homoepitaxial, grown by SiH_4 pyrolysis, quality, HEED and Auger spectroscopy obs. 2—39528
Si film, on Si substrate, thickness and orientation determ. 2—39526
Si slices, introd. of slip 2—25208
SiC, p-n junc. prep. and props. 2—22588
SiC, reactive sputtering of 2H polytype 2—32377
α-SiC, vapour phase, struct. and p-n juncs. 2—9370
SnSb films, vapour phase deposits, struct. 2—25211
Te, film, struct., orientation, on glass, KBr and CaF_2 substrates 2—3549
Te single crystal film, growth on Se, elec. diffr. obs. 2—35896
Ti film growth on LiF and NaCl substrates 2—9272
UO_2 film, effect of substrate material and temp. 2—29045
V film growth on LiF and NaCl substrates 2—9272
W film, FIM study 2—22073
W single crystal substrate, prep. by electropolishing 2—25183
$Y_3Fe_{5-x}Ga_xO_{12}$ film magnetic, uniaxial, growth by chem. vap. deposition 2—9288
ZnS, electrooptical quality 2—9290
n-ZnS, on p-GaP, heterojunction prep. 2—29720
ZnS film, grown from vapour, props. 2—39535
ZnS film, on GaAs substrate, gas transport method 2—9289
ZnS film, r.f. sputtering on NaCl substrate 2—29047
ZnS film, sapphire substrate, gas transport method 2—1188
ZnSe, electrooptical quality 2—9290
n-ZnSe, on p-GaP, heterojunction prep. 2—29720
ZnSe, vapour deposition on Ge substrate 2—18948
ZnSe film, grown from vapour, props. 2—39535

Equations
see also Differential equations; Integral equations
algebraic, polynomial solutions 2—30
Bloch, solving by analogue computer 2—34271
constitutive, thermodyanmics of interacting continua with surfaces 2—14180
difference equations, generalized Lucas polynomials, solution 2—20812
diffusion eqn., uniform asymptotic edge diffraction 2—17181
Fokker Planck, Cartesian tensor scalar product expansion 2—37660
Fokker-Planck, linear response theory 2—37648
nonlinear disperse systems, model equations for long waves 2—37576
Percus-Yevick equation, modification 2—31889
plasticity of weightless cohesive frictional material 2—37709
sets of linear equations for stress systems in rectangular plate 2—30834

Equations continued
Tait's, for isothermal compression of liquids, derivation from van der Waals' equation 2—28804
transport, heterogeneous semiconductor thread 2—19616
transport eqn., heterogeneous semicond. 2—19617

Equations of state
see also Thermodynamics
n- alkanes, liq., heat capacity at elevated press. 2—25072
approximate equation using hard and soft functions 2—31889
caloric, for materials at high pressures, polytropic gas and Mie Gruneisen type material 2—14282
classical fluids, Born-Green-Yvon theory, graph-theoretic analysis appl. to 4th virial coeff. for 12-6 potential 2—6016
contribution from three-body dipole and quadrupole interactions to third virial coefficients 2—22029
critical specific volume and derivatives of the thermal equation of state of fluids 2—39414
dense plasma, white dwarf star matter, thermodynamic considerations 2—30441
discrimination between models 2—28933
electron gas, partially degenerate, semirelativistic, exchange contribution to thermodynamic potential 2—30825
exploding stars, postdetonation properties 2—26655
fluids, non-classical behaviour at critical state 2—35816
formulation of digital computer for substances by statistical reduction of thermodynamic experimental data 2—28931
Heisenberg model, scaling law eqn. of state 2—40423
multicomponent mixtures, one-chain, approx. 2—23303
neutron matter in stars 2—33659
neutron stars, structure at very high densities 2—10891
nonanalytic potential, quantum corrections 2—20873
olivines, elasticity and equations of state in Mg_2SiO_4-Fe_2SiO_4 system 2—30213
perturbed hard sphere, calculation of high pressure vapour-liquid equilibria 2—22037
polyisobutylene in ethyl heptanoate, meas. of second virial coeffs. near θ-point 2—39395
polystyrene in cyclohexane, meas. of second virial coeffs. near θ-point 2—39395
PVT properties determ by new exptl method 2—9203
second virial coefficient analyticity 2—17259
second virial coefficients of line-core molecules 2—22030
second virial coefficients of line-core molecules 2—22031
van der Waals, extended, for long-range many-molecule interactions, effect of nonadditive interactions on thermodynamic functions 2—18540
vapour-liquid equilibrium, high pressure, Van der Waal's one fluid theory of mixtures 2—3444
virial coefficients, second and third, for Lennard-Jones potential calc. by convolution techniques 2—21725
Ar, contribution from three-body dipole and quadrupole interaction to third virial coefficients 2—22029
Ar_2, second virial coeffs. calc. using pair potential determ. from scattering and spectr. data 2—3027
Bi, triple pt., 41 kbar and 175°C, press.-temp. phase diagram 2—32304
gases
adsorption isotherm, exponential virial expansion 2—39540
bromoethane, second density virial coeffs. 2—15535
chloroethane, second density virial coeffs. 2—15535
chlorofluoromethanes, second density virial coeffs. 2—15535
chlorofluoromethanes, second dielectric virial coeffs. 2—15536
compressibility of H_2 and N_2, computer study of data 2—3323
1,1-difluoroethylene, second density virial coeffs. 2—15535
1,1-difluoroethylene, second dielectric virial coeffs. 2—15536
dimethyl ether, second density virial coeffs. 2—15535
dimethyl ether, second dielectric virial coeffs. 2—15536
dimethyl ether+other polar gases, second dielectric virial coeffs. 2—15537
ethylene/ammonia (methanol) mixtures, second virial coeff. 2—24976
excluded-volume effect of droplet-droplet interaction taken into account near critical point 2—9030
fifth virial coeffs., self- consistent approx. 2—21914
fluoroform, second density virial coeffs. 2—15535
fluoroform, second dielectric virial coeffs. 2—15536
hard sphere gas, fourth virial coeff. calculation 2—28733
hydrocarbon-fluorocarbon mixtures, interaction virial coefficients 2—28734
hydrocarbons, saturated, 2nd virial coeffs., temp. dependence 300-500 K 2—28735
measurement by constant volume piezometer with internal heating, high temp. and press. 2—18755
methane, at moderate and high densities, two potential model 2—39273
methyl chloride, second dielectric vibiral coeffs. 2—15536
methyl fluoride+other polar gases, second dielectric virial coeffs. 2—15537
monatomic elements, sublimation eqn. of state, l.p. 2—15632
monatomic gases, second virial coeff. and Ursell Mayer function, quantum mechanical perturbation expansion 2—32173
nonpolar vapours, generalized pressure-explicit eqn. 2—1071
n-pentane/methanol mixture, second virial coeff. 2—24976
polar gas mixtures, second dielectric virial coeffs. 2—15537
polar gases, second density virial coeffs. 2—15535
polar gases, second dielectric virial coeffs. 2—15536
quantum second virial coefficient, expansion using hard sphere basis functions 2—9031
second virial coeff., representation by Regge pole 2—9032
second virial coefficients of gases, equivalence of Mie (n,6) and exponential-6 potentials to reproduce these 2—21913
Stockmayer (m,6,3) potential function, tables of second virial coeffs. and derivatives 2—24977
ternary mixtures 2—28932
theoretical thermodynamic properties, of high temp. and densities 2—21911
thermodynamics and heat exchange, general eqn. derivation 2—6155
third virial coeff., computer program 2—32172
trimethylamine, second density virial coeffs. 2—15535
virial coefficients, calc. from analysis of data from isochorically coupled Burnett experiments 2—6152
virial coeffs., gas-solid, applic. to adsorption site distrib. 2—29054
Ar, modified Percus-Yevick equation 2—31889
Ar, solution of Percus-Yevick equation using the Dymond-Alder potential 2—21912
Ar at moderate and high densities, two potential model 2—39273

Equations of state continued
gases continued
CO_2, gas, contributions of non spherical interactions to third virial coeff. 2—12507
CO_2, PVT properties, liquid isochore, vapour pressure meas. 2—9203
H_2-N_2-methane mixtures, Joule Thomson coefficient predictions compared with exptl. values 2—24980
H_2, dissociation, third virial coefficient calc. 2—6154
H_2, second virial coeff., nonspherical interaction contributions 2—3324
H_2, theoretical thermodynamic properties, of high temp. and densities 2—21911
H_2 compressibility, computer analysis 2—3323
HD, second virial coeff., nonspherical interaction contributions 2—3324
He-N_2-methane mixtures, Joule Thomson coefficient predictions compared with exptl. values 2—24980
He-Ne system, virial coefficients 2—39274
Hg, second virial coeff. 2—18756
N_2-propane mixture, second virial coeff., compressibility, 20-50°C 2—21915
N at moderate and high densities, two potential model 2—39273
N_2 compressibility, computer analysis 2—3323
liquids
dense, monatomic, limitations of cell model in derivation 2—28782
derivation from coordination number in random assemblages 2—9075
Helmholtz free energy for system of particles acting through Lennard-Jones 12-6 potential 2—32222
macromolecular solutions, virial coeff. changes at high pressure 2—9076
methane, Tait eqn. calc. 2—12535
nonpolar, generalized pressure-explicit eqn. 2—1071
numerical Fourier transforms in one, two and three dimensions 2—18788
polyisobutylene, dil. soln., 2nd virial coeffs., excluded volume effects 2—25033
polystyrene, absolute density, thermal expansion and pressure coeffs. 2—1072
third virial coefficient for hard spheres with embedded dipoles 2—39325
Ar, low densities, triplet correlation by Monte Carlo method 2—21952
Ar, Tait eqn. calc. 2—12535
^{4}He, virial coeff. and three-body force 2—9192
solids
composite, C/PMMA, laser heating and stress generation 2—36103
composite, Elkonites, response to shock loading 2—36100
composite, fibre reinforced, steady shock waves, Hugoniot 2—25489
composite, Hugoniot analysis 2—19167
composite, Hugoniot synthesis using theory of mixtures 2—19169
concrete, use as biological shield for uncontrolled nuclear reactor excursion 2—15183
Eyrings significant structure theory, degeneracy factor 2—19153
inert gas, and thermal expansion and stability calcs. 2—40082
mechanical, dislocation creep. stress reversal 2—3877
metal, cubic, pressure-volume relation anharmonicity, Morse function description 2—9851
metals, shock vaporization, rel. to equation of state determ. above 200 kbar 2—22044
PMMA, u.s. vel. obs. 2—25479
polymer, amorphous, PVT props. and transitions 2—3478
polystyrene, u.s. vel. obs. 2—25479
rare gas, mol. dynamic simulations of shock waves 2—32592
sandstone, Coconino, Hugoniot eqn. up to 1400 kb, obs. 2—4642
stress-strain-temperature-time relationship, characterization in metals and alloys 2—15817
structural metals, mathematical model for elevated temperature deformation 2—15827
transition metals, virial theorem, rel. to cohesive energies 2—1200
virial coeffs., gas-solid, applic. to adsorption site distrib. 2—29054
D_2, harmonic approx. 2—40032
H, transition from metallic to molecular form involving 'evaporation' of surface atoms 2—25631
H_2, harmonic approx. 2—40032
H_2, quantum theory 2—40030
H_2, variational calcs. 2—40031
^{3}He and ^{4}He, harmonic approx. 2—40032
La-Ce Kondo system, susceptibility meas. 2—40407
NaCl, interpretations on the shell model, rel. to thermal expansion 2—16056
Ne, harmonic approx. 2—40032
Pt metals, lattice parameters, -189 to 1709°C 2—19304
Erbium
activator in glass fluorescence of divalent manganese 2—4493
deformation study by X-ray diffraction, stacking fault probability 2—3772
electrical resistance, magnetic component 2—6759
e.p.r. in high susceptibility metals 2—30014
e.s.r. in Au, hyperfine splitting parameter 2—26273
film, in multilayer struct., ion back scattering analysis 2—15659
Hall effect, 4.2-310K 2—16380
in magnetic cone phase at 4.6K, spin-wave excitations studied 2—10189
magnetic struct. 2—40470
n.m.r. of ^{167}Er, 1.4K 2—33353
visible absorption spectrum in $CaWO_4$, upper electronic levels 2—29910
X-ray excited optical fluorescence, in Gd_2O_3, La_2O_3, and Y_2O_3 2—22805
$BaYb_2F_8$:Er, up converting phosphor, X-ray induced variation of Yb^{3+} sensitizer time const. 2—20101
$Bi_4Ge_3O_{12}$:Er, Czochralski synthesis and properties 2—32405
Er i, atomic isotope shifts in visible region of spectra 2—31661
Er^+, collisions with N_2, total cross section for charge exchange 2—6011
Er^{3+}, electric-dipole intensities calc., ligand field interactions 2—20035
Er^{3+}, in CdF_2, C_{3v} local site symmetry, i.r. quantum counter 2—37939
Er^{3+}, in CdS, interstitial site, g-factor calc. 2—10287
Er^{3+}, in fluorides, luminesc., emission spectra, excitation mechanism 2—26217
Er^{3+}, in $GdAlO_3$, energy level diagram, absorp., luminesc., and stimulated emission obs. 2—33313
Er^{3+}, in oxidic lattices, luminesc., i.r.-visible conversion efficiency 2—26225
Er^{3+}, in $SrMoO_4$, $ScVO_4$, $LiYF_4$, YVO_4 and YPO_4, cryst. field theory 2—40421
Er^{3+}, in YAG, thermal dependence of fluorescence line positions and widths 2—16621
Er^{3+}, in YVO_4 and $YAsO_4$, paramag. resonance and relax. 2—10488
Er^{3+}, in ZrO_2, Y_2O_3 stabilized, oxygen ion co-ordination, absorp. spectra obs. 2—33277
Erbium continued
Er^{3+} in CdS:Ag, photoluminesc., sensitization 2—20092
Er^{3+} in LaF_3, nonresonant energy transfer from Er^{3+} to Yb^{3+} 2—40718
Er^{3+} in LaF_3, nonresonant energy transfer to Yb^{3+} 2—40717
Er^{3+} in lanthanide fluorides, far-i.r. Stark and Zeeman splitting 2—40669
Er^{3+} in ZnSe, defect config. 2—7019
Er^{3+} in ZnSe, site sensitive excitation mechanisms, photoluminesc. 2—22801
Er^{3+} laser, radiation propagation losses in CO_2 2—5287
Er^{3+} spin-phonon relax. in lanthanum ethyl sulphate 2—7011
Er^{3+} visible luminescence in Yb^{3+}-sensitized YF_3, i.r. excitation 2—16627
GdF_3:Er, Yb, luminesc. props., effect of preparation conditions 2—26216
YAG:Er, Ho, Tm, energy transfer process between Er^{3+} and Ho^{3+}, temp. and conc. effects, fluoresc. spectra obs. 2—26240
YAG:Er^{3+}, crystal field study 2—36794
YF_3:Er, Yb, luminesc. props., effect of preparation conditions 2—26216
Y_2O_3:Yb:Er, red-emitting i.r.-excited phosphor, energy transfer processes 2—26224
in ZnS thin film, implantation and luminesc. 2—19119
ZnSe:Cu,Er^{3+}, cryst. field at Er^{3+}, LCAO-MO calcs. 2—26096
Erbium compounds
Er-Cro, intermetallic compound, struct., disordered substitutions, X-ray obs. 2—6452
Er-Gd(Tb)(Ho)(Dy) alloys, mag. struct., neutron diffr., 4.2-293k 2—26024
Er-Mn-Al alloy, struct. and mag. props. 2—40553
Er-Rh alloys, Er_3Rh, Er_7Rh_3 and $ErRh_3$ phases, cryst. struct. 2—22161
Er Fe garnet film, epitaxy, magnetic bubble domain 2—29823
$ErAl_3$, antiferromag. struct and Neel temp., neutron diffr. obs. 2—26065
$ErAlO_3$, mag. ordering 2—1645
$Er_3Al_5O_{12}$, ^{27}Al n.m.r., quadrupole coupling const. detn. 2—10542
ErB_{12} thermal expansion, in range 78-1300°K 2—6684
ErB_2, cryst. growth and struct. 2—39591
$ErB_{4(12)}$, high temp. enthalpies 2—19274
$ErCo_2$- $ErAl_2$, domain wall effects and partial disorder 2—33127
$ErCo_2$, mag. ordering temp., press. depend. 2—33142
$ErCo_2$, strong field magnetiz. 2—33159
$ErCo_3$, mag. structure, neutron diffr. obs. 2—36703
$ErCo_3$ and Er_2Co_{17}, e.p.r., mag. behaviour 2—10518
$ErCrO_3$ single crystal, optical measurements, deduced specific heat and magnetization data 2—16487
$Er_2EuGa_{0.7}Al_{0.7}Fe_{3.6}O_{12}$ films, growth-induced anisotropy, temp. depend. 2—40523
$ErFe_2$-$ErAl_2$, struct. and mag. props. 2—6974
ErFe garnet, exchange interactions, far-i.r. Zeeman obs. 2—40637
ErFe garnet, mag. anisotropy 2—10228
$ErFe_2$, and pseudo-binary systems, Mossbauer effect 2—4441
$ErFe_2$, giant magnetostriction 2—10244
$ErFeO_3$, magnetostrictive excitation of sound 2—25675
$ErFeO_3$, nonaxial antiferromag. axis, neutron diffr. 2—26064
$ErFeO_3$, spin reorientation 2—4411
$Er_3Ga_{0.7}Fe_{4.3}O_{12}$ films, bubble domains 2—36742
ErI_3, interpretation of unresolved quadrupole splitting of ^{129}I Mossbauer spectra 2—40629
$Er_6(Mn_xFe_{1-x})_{23}$ mixed crystal, magnetization, 4-300 K, Curie temp., comp. depend. 2—4370
$ErNaO_2$, cryst. struct., X-ray obs. 2—35987
$ErNi_2$, strong field magnetiz. 2—33159
Er_2O_3, high temp. enthalpy and specific heat obs. using method of mixtures 2—29556
Er_2O_3 film, stopping power for low energy protons 2—32862
ErOOH, antiferromag., and metamag. props., Neel temp. obs. 2—19926
ErRh, antiferromag., mag. moment compared with crystal field calc. 2—19884
ErRh, mag. struct. 2—40554
$ErVO_4$, magnetothermal resist., metamag. transition 2—22707
$Eu_{3-x}Er_xFe_5O_{12}$, domain wall mobility correl. with Ga conc. 2—40524
Ho-Er alloy, magnetic crystal anisotropies, magnetiz. obs. 2—40482
$Lu_{0.9035}Er_{0.0965}$, thermal and magnetic study of cryst. field energy levels 2—26088
Ergodic theorem *see Statistical mechanics*
Errors *see Measurement errors; Random processes*
Esaki diodes *see Semiconducting devices/tunnel and interface devices*
Esaki effect *see Semiconducting devices/junctions*
Etalons *see Interferometers*
Etching *see Crystals/etching*
Ether drift *see Relativity/special; Velocity/light*
Ettingshausen effect *see Magnetothermal effects*
Europium
antiferromagnetic, spiral phase rel. to Fermi surface geometry 2—36766
atom, Ab initio HF calculations of core relaxation and screening effects on s-electron density at nucleus 2—21522
band structure, determ. by X-ray photoemission 2—22464
e.p.r., Neel pt. phenomena, excitation by helical mag. struct. 2—40759
isotopes, neutron activation analysis using neutrons from $^9Be(\gamma,n)^8Be$ 2—1767
lunar anomaly, basalt genesis 2—13985
magnetic ordering, intermediate stage 2—13371
stars, Ap, effect of Eu on opacity 2—26704
X-ray excited optical fluorescence, in Gd_2O_3, La_2O_3, and Y_2O_3 2—22805
(Ba,Sr)Si_2O_5:Eu^{2+} phosphor for fluorescent lamps 2—11524
CaF_2:Eu, zero phonon line, concentration dependence 2—4456
Co_3O_4:Eu α-irrad., colour centres, Mossbauer study 2—36064
Eu^{2+}, ENDOR obs. in CdF_2, SrF_2, BaF_2, hyperfine interactions 2—30030
Eu^{2+}, e.p.r. in CdF_2, 77 to 300 K, 9 and 35 GHz, superhyperfine structure 2—1725
Eu^{2+}, e.p.r. in Yb, dynamical effects, Ca impurity effect 2—22836
Eu^{2+}, in CaF_2 and SrF_2, temp. depend. of zero field splitting 2—19940
Eu^{2+}, in M_2Sias_4 (M=Mg, Ca, Sr, Ba), cathodoluminescence 2—10451
Eu^{2+}, in $PbBr_2$, spin Hamiltonian parameters, e.p.r. obs. 2—33342
Eu^{2+}, in thiogallate phosphor, MGa_2S_4, luminesc. and struct. 2—26234
Eu^{2+}, paramagnetic impurity in CaF_2, obs. from n.m.r. of proximate nuclei 2—37015
Eu^{2+}, spin-lattice relaxation time in CaF_2, e.p.r. 2—22830
Eu^{2+} e.p.r. and Ca and Yb, 5-30K, 35 GHz and 9 GHz 2—30003
Eu^{2+} e.p.r. in SmS(Se)(Te) 2—36991
Eu^{2+} in alkaline earth oxides and sulphides, e.p.r. linewidths 2—7118
Eu^{3+}, absorption spectra in $POCl_3$:$SnCl_4$ solution 2—9141
Eu^{3+}, fluorescence quenching in organic solvents 2—12570
Eu^{3+}, in Mn_2PO_4Cl, fluoresc. 2—22111

Europium continued
- Eu^{3+}, in phosphors, colour shift mechanism 2—1716
- Eu^{3+}, in Y_2O_3, energy transfer, fluorescence decay curves time-resolved study 2—22803
- Eu^{3+}, transition probabilities in phosphate glasses 2—29914
- Eu^{3+}, u.v. absorpt. band position in oxides 2—20049
- Eu^{3+}, Y_2O_3, random substitution of Eu^{3+} for Y^{3+}, reflection spectra obs. 2—13464
- Eu(II), formation spectrum and chem. props. from pulse radiolysis of tervalent ion 2—30094
- Eu(III), aqueous soln., pulse radiolysis, formation spectrum and chem. props. of divalent ion formed 2—30094
- EuO:Fe, Eu films, chemical stability obs., application to beam-addressable memory 2—26049
- Ge:Nd,Eu, magnetoresist., paramag. susceptibility 2—13270
- KCl:Eu^{2+}, Z_1 and Z_2 centres, optical absorpt. and e.p.r. obs. at 77K 2—36066
- $Sr_2P_2O_7$:Eu^{2+} phosphor for photocopying lamps 2—11524
- Y(V,P)O_4:Eu^{3+} phosphor for h.p. Hg vapour lamps 2—11524

Europium compounds
- chalcogenide, energy level scheme, absorpt. spectra, magneto-optical effect, elec. transport 2—4203
- chalcogenides, Curie temps., modified Callan decoupling in Green's function analysis 2—10184
- chalcogenides, optical transitions, magnetic order effect, energy level scheme 2—16488
- chalcogenides, prep. and resistivity rel. to vacancy conc. 2—9367
- complexes, low symmetry, relative intensities of electric and magnetic dipole transitions of Eu^{3+} 2—16605
- dibenzoylmethane, symmetry surrounding central ion 2—40663
- intermetallic compounds, $Eu_xLa_{1-x}Al_2$ ternaries, reversal of coupling, RKKY analysis 2—4412
- $Er_2EuGa_{0.7}Al_{0.7}Fe_{3.6}O_{12}$ films, growth-induced anisotropy, temp. depend. 2—40523
- Eu, complex, [Eu (TTA)$_3$ Phen] solid soln. with dyes, radiationless energy transfer due to fluorescence quenching 2—1713
- $EuAlO_3$:Cr^{3+}, e.s.r. obs., comparison with $YAlO_3$:Cr^{3+}, exchange interactions 2—7125
- Eu_3As_2 film, mag. ordering, photocond. and optical absorpt. study 2—36722
- EuB_6, indirect exchange interactions 2—10171
- $Eu_2B_5O_9Cl(Br)$, crystal structure, preparation 2—9451
- EuC_2, dissociation energy, mass spectrometric determination 2—15298
- $EuCl_2$ molecule, in Ar, Kr or N_2 matrix, i.r. absorpt. studies 2—28327
- $EuCr_2S_4$, ferrimag. semicond., defect, electron microscope obs. 2—32507
- $Eu_{3-x}Er_xFe_5O_{12}$, domain wall mobility correl. with Ga conc. 2—40524
- EuF_2, $^{151}EuF_2$ isomer shift, temp. depend. 2—19982
- EuF_2, lattice dynamics, vibronic spectra and electron-phonon coupling field 2—40026
- EuF_2 molecule, in Ar, Kr or N_2 matrix, i.r. absorpt. studies 2—28327
- EuFe garnet, critical pt. exponents for mag. props. 2—40525
- EuFe garnet, Eu-Fe exchange anisotropy n.m.r. obs. 2—36744
- $Eu_3Fe_{3-x}ga_xO_{12}$, garnet, growth induced noncubic anisotropy 2—10285
- EuGa garnet, symmetry labeling of low lying electronic levels by Raman spectroscopy 2—20067
- $Eu_{1-x}Gd_xS$, mag. ordering 2—36710
- Eu(III) complex, structure determ. by single crystal X-ray diffraction techniques 2—35988
- $Eu_xLa_{1-x}OCl$, phosphor, concentration quenching of luminescence by dipole quadrupole mechanism 2—36927
- $Eu_2(MoO_4)_3$, precision lattice parameters, ferroelectric-paraelectric structural transition 2—9486
- EuO:Fe, Eu films, chemical stability obs., application to beam-addressable memory 2—26049
- EuO:Fe, Gd films, magneto-optical props 2—13438
- EuO:Gd, magneto-optical props. 2—40662
- EuO-(6at.%)Fe, by r.f. discharge, Penning ionization obs. 2—4087
- EuO, elastic consts., compressibility, Debye temp. 2—32577
- EuO, elec. cond. mechanisms 2—19639
- EuO, ferromag. coupling between 4-f electrons, perturbation theory 2—19854
- EuO, Heisenberg ferromagnet, critical neutron scattering 2—10190
- EuO, Heisenberg ferromagnet, phase changes, neutron scatt. obs. 2—26029
- EuO, i.r. absorpt., elec. cond. and stoichiometry correl., phase diagram 2—32786
- EuO, insulator-metal transition rel. to long range mag. order 2—36529
- EuO, mag. and elec. props., halide doped 2—4353
- EuO, mag. anisotropy, dipolar contrib. 2—36704
- EuO, magnetic susceptibility, microwave, diagonal and non-diagonal, equality 2—1628
- EuO, magnon side-bands in luminesc. spectrum 2—36926
- EuO, Raman scatt., 1.8-300K 2—36900
- EuO, Raman scatt., two magnon spectra and bound state 2—16536
- EuO, spin wave dispersion curves, exchange interactions 2—40472
- EuO, thermal cond., Curie temp. phenomena 2—19457
- EuO film, sputter deposition and enhanced ferromag. props. 2—12658
- EuO films, resist. temp. depend., spin flip scatt. 2—36504
- EuO type cpds., paramag. props. 2—1605
- Eu_2O_3, absorber material, for nuclear power reactor 2—38743
- Eu_3P_2 film, mag. ordering, photocond. and optical absorpt. study 2—36722
- $EuPb_3$, magnetic props., temp. range 2.8-300K 2—4346
- $EuPd_3$, mag. props. 2—19829
- EuS, elastic consts., compressibility, Debye temp. 2—32577
- EuS, ferromag. coupling between 4-f electrons, perturbation theory 2—19854
- EuS, ferromag. semiconductor, magnetoresist., transient photocond. 2—10136
- EuS, Heisenberg ferromagnet, critical neutron scattering 2—10190
- EuS, Heisenberg ferromagnet, phase changes, neutron scatt. obs. 2—26029
- EuS, mag. and elec. props., halide doped 2—4353
- EuS, mag. anisotropy, dipolar contrib. 2—36704
- EuS, magnetiz., tunnelling obs. 2—36709
- EuS, Raman scatt., 1.8-300K 2—36900
- EuS, spin wave dispersion curves, exchange interactions 2—40472
- EuSe:Gd(La), Mossbauer study 2—13444
- EuSe, elastic consts., compressibility, Debye temp. 2—32577

Europium compounds continued
- EuSe, ferromag. coupling between 4-f electrons, perturbation theory 2—19854
- EuSe, luminesc. decay time 2—4474
- EuSe, mag. and elec. props., halide doped 2—4353
- EuSe, mag. anisotropy, dipolar contrib. 2—36704
- EuSe, magnetically ordered, n.m.r. signals analysis 2—10546
- EuSe, new antiferromag. phase below 1.8K 2—16396
- EuSe, polycryst., specific heat 0.5-16K 2—22423
- EuSe, Raman scatt., 1.8-300K 2—36900
- Eu_2SiO_4, ferroelastic ferromag., optical absorpt. spectra, Faraday rotation, cryst. struct. 2—10195
- Eu_2SiO_4, nuclear gamma resonance study of ferromag. transition temp., quadrupole interaction, hyperfine field and isomer shift 2—19855
- Eu_3SiO_5, nuclear gamma resonance study of ferromag. transition temp., quadrupole interaction, hyperfine field and isomer shift 2—19855
- Eu_3SiO_6, synthesis, mag. props., optical characterization, fluoresc. 2—40471
- $Eu_{1-x}Tb_xS$, ^{160}Tb β-decay, search for atomic after-effects 2—18167
- EuTe, antiferromagnet, spin-polarized electron states, photoelectron spectra obs. 2—36637
- EuTe, elastic consts., compressibility, Debye temp. 2—32577
- EuTe, mag. props. of insulating and conducting single cryst. 2—29835
- EuTe, Raman scatt., 1.8-300K 2—36900
- EuTe, resist., Hall effect, mag. transition 2—29665
- EuTe, u.s. attenuation and vel., mag. transition 2—25673
- Eu_2TiO_4, Mossbauer effect of ^{151}Eu, h.f.s. 2—33218
- $Eu_xY_{3-x}Fe_{5-y}Ga_yO_{12}$ epitaxial films, mag. props., domains 2—36743
- $Eu_xY_{3-x}Fe_{5-y}Ga_yO_{12}$ epitaxial film, suitability for bubble domain devices 2—22690
- $(Eu_xY_{1-x})_2O_3$, mag. susceptibility orbitally anisotropic exchange and cryst. field effects 2—36658
- Eu^{II}, Faraday and Kerr effects 2—26115

Evaporation
- *see also Vaporization*
- crystal growth, pressure pulling systems, mass transport calc. 2—18972
- droplet, effect of mass transfer on heat transfer 2—34200
- drying processes, thermodynamic transport processes 2—37791
- electron gun evaporator, graphite insert 2—27425
- explosive, water drops in field of optical radiation, dynamics 2—28957
- field evaporation theory, models 2—28996
- films production, thin, uniform, electron beam sources characteristics 2—1167
- n-hexane droplets, in high temp. and pressure environment 2—39431
- liquid drop, in saturated atmosphere, capillarity influence 2—6285
- liquid droplet, in high temp. and pressure environment 2—39431
- liquid film on semi-infinite solid, surface temps., heat fluxes, numerical soln. 2—18884
- measurement and estimation from extended source compared to isolated area 2—7262
- metal surface layers, bulk vapour production by laser beam 2—28964
- from porous materials, kinetics 2—6287
- porous medium, heat transfer, fluid with phase change 2—11375
- salt water electrification on heated metals 2—32274
- spray evaporation, computer model 2—12615
- water drop, light reactive motion due to evap. by radiational heating 2—39405
- water from free surface, nomogram 2—3449
- Ag-(5 at.%) Ir alloy, beta irradiation effect28965 2—28965
- Ag, spectroscopic determ. of evap. heats 2—28960
- Al and Ni alternate films, apparatus and techniques 2—18932
- Al bicrystal, effects on grain boundary electromigration 2—39734
- As, residence lifetimes of As_4 molecules on (111) surface 2—25157
- BaO films from Mo, temp. and degree of coverage depend. 2—6383
- (BaSrCa), mixed oxide, evaporation of components during emission current take-off 2—33085
- Cd-Pb, alloy, evaporation rate vs. temp. curve 2—28952
- Cd-Sb, alloy, evaporation rate vs. temp. curve 2—28952
- Cd-Sn, alloy, evaporation rate vs. temp. curve 2—28952
- H_2O, film, laminar and turbulent flow along vertical tube, heat transfer coeff. 2—18883
- H_2O, in enclosure in presence of noncondensable gas 2—22043
- He II, liquid, stimulated by heat pulses 2—6276
- Hg, obs. using radioactive tracer 2—25004
- Pb, spectroscopic determ. of evap. heats 2—28960
- SrO, evaporation of components during emission current take-off 2—33085
- Zn:O liq., evaporation kinetics, rel. to surface active impurities, 563-623K 2—28951
- Zn-Al, alloy, evaporation rate vs. temp. curve 2—28952
- Zn-Pb, alloy, evaporation rate vs. temp. curve 2—28952
- Zn-Sb, alloy, evaporation rate vs. temp. curve 2—28952
- Zn-Sn, alloy, evaporation rate vs. temp. curve 2—28952
- Zn, local evaporation of {0001} face 2—39471
- ZrC-W composite with covering of vacuum deposite W, rate of evaporation from open surface 2—32748

Evershed effect *see Sunspots*

Examination of materials *see Electron diffraction examination of materials; Electron microscope examination of materials; Neutron diffraction examination of materials; X-ray examination of materials*

Exchange interactions
- $(TCNQ)_2$-3,3(DTC), anisotropy, e.s.r. obs. 2—4345
- actinide cpds., model for nuclear spin-lattice relax. in paramag. state 2—7009
- alloy, binary, uniform interactions and mag. props. 2—33113
- Anderson Hamiltonian, diagrammatic perturbation treatment 2—13366
- antiferromagnet, mag. interactions 2—19922
- antiferromagnet, two-sublattice exchange interaction model, derivation of critical properties 2—33164
- antiferromagnetic conductor, dielectric const., giant Zeeman effect 2—40540
- antiferromagnetic phase transitions, itinerant 2—1642
- B-1 type structures, rel. to ground state spin arrangement 2—40539
- Bethe lattice, arbitrary biquadratic interaction included 2—19843
- biquadratic, Curie temp. 2—19870
- Coqblin-Schrieffer, Kondo effect of magnetic impurity, under crystalline field 2—1465
- crystal, x-ray scattering, ion spin-lattice coupling 2—19848
- decoupling schemes for s-d exchange hamiltonians 2—11298

Exchange interactions continued
derivation leading to diagrammatic representation of perturbation theory 2—11309
diluted solutions with two paramag. species, exchange broadening of e.s.r. spectral lines 2—9162
electron gas, inhomogeneous, exchange energy and pot. variational calc. 2—25746
exciton interference with continuum absorpt., origin 2—20013
ferromagnetic electron gas, effect on dielectric response 2—19847
ferromagnetic insulator, rel. to acoustic attenuation 2—36338
ferromagnetic plate, rel. to magnetization oscills. 2—13394
film, multilayer, review 2—19892
Heisenberg, in dil. solns., particle spin polarization 2—29803
Heisenberg ferromagnet, spin-one, biquadratic exchange 2—40435
Heisenberg ferromagnet, two-dimens. spin-1/2, exchange-energy consts. 2—40436
heteropoly complexes, between pairs of differing spins 2—40464
hexafluorobenzene, solid, spin exchange, spin- lattice relax. 2—10278
between ionic and covalent states of two atoms at large internuclear distances 2—21530
ketones, mechanism of energy transfer to rare earth ions, effect of electron density of CO group 2—31886
lanthanide cpds., model for nuclear spin-lattice relax. in paramag. state 2—7009
layer struct., exchange-coupled critical temp. 2—22672
magnetic system of low dimensions, rel. to e.p.r. line broadening 2—20130
molecular collisions, quasi resonance energy transfer, non monotonous temp. depend. 2—3149
multibaryon resonance, isobar- nucleon exchange interaction model 2—21308
nitroxide radical. solid, enhancement rel. to Overhauser effect 2—26305
nitroxide radical complexes with transition metals, effect on e.p.r. obs. 2—26376
nitroxide solid free radical, Overhauser effect 2—7152
rare earth intermetallic compounds, role of mag. exchange in determining physical properties 2—10206
rare earth meals, review 2—16341
rare earths, symmetry of wave functions 2—33108
RKKY indirect interaction 2—19816
ruby, exchange coupled ion clusters influence on e.p.r. line shape 2—13531
s-d hybridization, ferromag. narrow band solid 2—6955
s-d system, extended parquet theory 2—9917
s-j interaction in crystalline field of mag. impurity 2—10165
semiconductor, ferromag., electron-spin interaction influence on carrier transport 2—6740
semiconductor, ferromag., energy spectrum and mobility of small polaron, s-d interaction influence 2—6739
superconducting tunnelling, through barrier with paramagnetic interacting impurities 2—36453
superexchange, between paramag. cations via diamag. anion, perturbation theory 2—19910
trimeric clusters, Heisenberg-Dirac- van Fleck Hamiltonian, spin exchange, e.p.r. theory 2—30017
Au-Dy dil. alloys, coupling parameters from Γ_8 (quartet) resonance obs. 2—26272
Au-Fe solid soln., solute clustering effects 2—19828
$BaO(S):Eu^{2+}$ dil. solid solns., e.p.r. linewidths 2—7118
Bi-Ca-V ferrite garnet, indirect exchange interact., V participation. neutron diffr. obs. 2—36739
CO_2+N_2, vibrational energy exchange in collisions 2—3149
$Ca_3Fe_2Ge_3O_{12}$, antiferromag. struct., super-superexchange interaction 2—26059
$CaO:Mn^{2+}$, e.p.r., exchange striction 2—20146
$CaO(S):Eu^{2+}$ dil. solid solns., e.p.r. linewidths 2—7118
$CdCr_2Se_4$-metal junction, magnetocapacitance effect 2—36555
$CeAl_x$, s-f integral sign determ. from Knight shift susceptibility depend. 2—7134
Co-M dil. alloys, M=os, Ru, Ir, Fe, Re, Cr, rel. to resistivity origin 2—16364
Co-Pd-Si alloy, amorphous, s-d interaction 2—7110
CoAl, parameter determ. from Kondo props. 2—22489
$CoCl_2$, exchange splitting of excited Kramers doublet in i.r. spectra 2—40660
$CoWO_4$, Dzyaloshinsky interaction, rel. to antiferromag. reson. 2—36973
Cr-Fe, dilute alloy, Mossbauer obs. in mag. field 2—10321
Cr(III) e.p.r. obs. complexes with intramolecular exchange 2—8609
$CsCoCl_3.2H_2O$, canted Ising linear chain behaviour 2—40549
$CsCoCl_3.2H_2O$, mag. reson. obs. 2—40548
$Cs_2MnBr_4.2H_2O$ magnetic transitions, exchange and anisotropy fields from spin flop and saturation fields 2—29834
Cu-Fe, dil. alloys, J-value determ. for s-d exchange integral 2—7004
Cu-Fe(Mn) alloy films, exchange anisotropy 2—10243
Cu, s-d hybridization rel. to electronic struct. temp. depend., n.m.r. obs. through m.p 2—7136
Cu complex, $(C_nH_{2n\|1}NH_3)_2CuX_4$, Heisenberg ferromagnet, constant determ. from sp. ht. obs. 2—13041
Cu Ruderman-Kittel interaction, n.m.r. obs. 2—1733
Cu tetrameric complexes, evidence for large antisymmetric superexchange 2÷26057
Cu(II) complexes with intramolcular exchange e.p.r. obs. 2—8609
Cu_2NiSn-Mn alloy, Heusler type, s-d exchange energy 2—22674
$DyPO_4$, mag. interactions 2—19922
Er-Gd(Tb)(Ho)(Dy) alloys, mag. struct., neutron diffr., 4.2-293k 2—26024
Er-Mn-Al system, rel. to antiferromag. order 2—40553
ErFe garnet, far-i.r. Zeeman obs. 2—40637
EuB_6, indirect exchange 2—10171
EuFe garnet, Eu-Fe exchange anisotropy n.m.r. obs. 2—36744
$Eu_xLa_{1-x}Al_2$, antiferro-to ferromag. coupling shift comp. depend. 2—4412
EuO, ferromag. coupling between 4-f electrons, perturbation theory 2—19854
EuO, neutron scatt. obs. 2—40472
EuS, ferromag. coupling between 4-f electrons, perturbation theory 2—19854
EuS, neutron scatt. obs. 2—40472
EuSe, ferromag. coupling between 4-f electrons, perturbation theory 2—19854
$(Eu_xY_{1-x})_2O_3$, mag. susceptibility orbitally anisotropic exchange and cryst. field effects 2—36658
Fe-Mn and Fe-Mn-Ni alloys, competing interactions 2—13051

Exchange interactions continued
Fe-Ni films, exchange const. determ. from standing spin wave reson. 2—10467
Fe(III) e.p.r. obs. 2—8609
Gd^{3+}-Gd^{3+}, exchange coupling in ionic rare earth insulators 2—1610
Gd intermetallics, g-shifts, s-d hybridization implications 2—40406
Gd_3(Fe,Co,Ni), pseudobinary, metamagnetic spin-flip transition 2—33175
GdN, ferromag. coupling between 4-f electrons, perturbation theory 2—19854
$GdNi_5$ e.p.r. and mag. susceptibility obs. 2—16346
$GdNi_x$, Gd_2Ni_7, x=1, 2, 3, 5, s-f interaction rel. to e.p.r. and susceptibility obs. 2—10506
Ge:Nd,Eu, s-f interaction 2—13270
$HCrO_2$, magnetically ordered system with superexchange through H bond, proton tunnelling 2—1603
$H+H_2$, collinear reactions, with vibr. excitation reaction probabilities and thermal rate consts. 2—10608
Ho-Dy alloy, mag. struct., neutron diffr., 4.2-293k 2—26024
$KMF_3:Ni^{2+}$ (M=Mg,Mn), effects on ion absorpt. transition temp. depend. 2—33267
$KZnF_3:Mn^{2+}$, Cu^{2+}, optical absorpt. spectra 2—10388
$LaIn_3$, supercond., exchange enhanced susceptibility 2—16179
Li, many-electron enhancement effects on nuclear spin-lattice relax. times 2—16660
$LiCr_{1-x}Fe_xO_2$, antiferromagnet ordering and exchange, magnetization and susceptibility meas. 2—19924
Mg-Gd dil. alloy, effective exchange integral sign 2—16646
$MgFe_2O_4$, effect of rare earth ion substitution 2—13412
$MgO:Mn^{2+}$, e.p.r., exchange striction 2—20146
$MnF_2:Ni^{2+}$, effects on ion absorpt. transition temp. depend. 2—33267
MnF_2, antiferromag., spin wave relaxation theory 2—36772
MnSe, antiferromagnet, calc. 2—36777
Mo-Fe dilute alloy, relaxation in Mossbauer spectra 2—19978
Mo-Fe dilute system, rel. to Mossbauer spectra relax. phenomena 2—40631
NH_4PF_6, spin exchange, spin-lattice relax. 2—10278
Na, many-electron enhancement effects on nuclear spin-lattice relax. times 2—16660
Ni-Cr alloy, exchange splitting 2—22688
Ni, d-band photoelectron energy distrib. near Curie temp., exchange splitting 2—33091
$Ni(NO_3)_2.6H_2O$, sp. ht.. low temp., antiferromag. interactions 2—1434
NiO, temp. depend. electron scatt., surface magnetization, $T_n \leqslant T \leqslant 295K$ 2—6995
NiO surface, clean, exchange scatt. effects on LEED 2—39463
$Ni_{85}P_{15}$, amorphous, rel. to temp. depend. of magnetization 2—22694
Pb, n.m.r., exchange consts. and Knight shift anisotropy 2—40781
Pr, susceptibility and high field magnetiz. obs. 2—40418
Pt-Ir alloy, Mossbauer effect and n.m.r., ^{195}Pt and ^{193}Ir 2—26306
Rb, many-electron enhancement effects on nuclear spin-lattice relax. times 2—16660
$RbMF_3:Ni^{2+}$ (M=Fa,Co,Mn), effects on ion absorpt. transition temp. depend. 2—33267
$Rb_2MnBr_4.2H_2O$ magnetic transitions, exchange and anisotropy fields from spin flop and saturation fields 2—29834
$Rb_2MnCl_4.2H_2O$ magnetic transitions, exchange and anisotropy fields from spin flop and saturation fields 2—29834
Rh-Fe(Mn) dil. alloys, J_{sd} values determ. from n.m.r. linewidth obs. 2—10563
Si:P, in donor atom clusters, e.s.r. study 2—20150
$SmS:Eu^{2+}$, Eu^{2+}-sm^{2+} exchange interaction, e.p.r. obs. 2—4544
SmS(Se)(Te), e.p.r. obs. 2—36669
SmS(Se)(Te), exchange contribs. to e.p.r. of Eu^{2+} and Mn^{2+} 2—36991
$SmSe:Eu^{2+}$, Eu^{2+}-Sm^{2+} exchange interaction, e.p.r. obs. 2—4544
$SmTe:Eu^{2+}$,Mn^{2+}, Eu^{2+}-Sm^{2+} and Mn^{2+}-Sm^{2+} exchange interactions, e.p.r. obs. 2—4544
$SrO(S):Eu^{2+}$ dil. solid solns., e.p.r. linewidths 2—7118
Tb-Mn-Al system, rel. to antiferromag. order 2—40553
Th, exchange coupling between rare earth moment and cond. electrons, e.s.r. obs. 2—20152
$YAlO_3:Cr^{3+}$, $EuAlO_3:Cr^{3+}$ e.s.r. obs. comparison 2—7125
$YFeO_3$, weak forromagnetism due to antisymmetrical exchange 2—6997
YIG, absorpt. spectra obs. 2—40681
$ZnCr_2O_4$ exchange integral determ. from paramag. neutron scatt. obs. 2—22666
ZnS, deformed, exciton line splitting effects 2—29902
ZnS, with stacking faults, rel. to exciton refl. spectra 2—22752
ZnTe, exciton reflection spectra, stress induced splitting 2—16477

Exchanges, chemical
see also Isotope exchanges
AB-spectral type n.m.r., root locus diagrams 2—14348
p-aminophenol derivatives, hydrohalides, solid state ion exchange with matrix, i.r. spectra 2—10594
benzene anion radical, ion-pair formation, effect on meas. of spin-lattice relaxation 2—35308
clay, decrease due to exchange of adsorbed cations 2—29281
effects of spin-echo signals in two-spin systems 2—768
electron transfer reactions, in simple fluids, statistical mechanical theory 2—26318
ion exchange resins, sorption rates interpreted by bidisperse model of transient diffusion 2—1192
methane+H system, UHF LCAO MO GTO study of hydrogen exchange and abstraction 2—26336
multi-site, matrix formulation of Bloch eqns., inclusion of indirect spin-spin coupling in first-order spectra 2—22852
multi-site, nucl. spin transfer, Bloch eqns., rate meas. from n.m.r. spectrum 2—13561
multi-site exchange theory, exptl. applic. to hindered rotation in amido-type systems 2—22853
n.m.r. of exchanging systems, Carr-Purcell pulse separation technique 2—37023
n.m.r. spectroscopy, Fourier transform analysis 2—7149
partial charge-transfer reactions at thermal energies 2—26325
probabilities, influence of potential-energy surface 2—22858
protonation of water by chemisorbed acetone or benzene 2—4573
zeolites, n.m.r. pulsed field gradient obs. of diffusion processes 2—10592
$^{144}Ce^{3+}$ diffusion in ion exchange resins, studied by an autoradiographic technique 2—7162
$^{137}Cs^{+}$ diffusion in ion exchange resins, studied by an autoradiographic technique 2—7162

Exchanges, chemical continued
  $H+H_2$, collinear reactive scattering, quantum mechanical soln., numerical methods comparison 2–26322
  $H+H_2$ reaction, quantum calculations of planar reactivity, application of mathematical techniques 2–33369
  $H+H_2$ reaction, quantum calculations of planar reactivity, development of mathematical techniques 2–33368
  $H+H_2 \rightarrow H_2+H$, collinear, comparison of accurate quantum-mechanical probabilities with classical and transition-state theory results 2–8860
  $H+H_2 \rightarrow H_2+H$, rotational and vibrational distributions, exchange reaction in a plane 2–30049
  $H+H_2 \rightarrow H_2+H$ reaction probabilities, influence of variations of potential-energy surface 2–22858
  H_2+H collinear collision, on potential energy surfaces, classical trajectory calcs. 2–30039
  KBr surface, Cl- substitution, cooperative interactions including surface transition 2–29059
  NaBr surface, Cl- substitution, cooperative interactions including surface transition 2–29059
  $^{212}Pb^{2+}$ diffusion in ion exchange resins, studied by an autoradiographic technique 2–7162
  ThO_2-PaO_2-UO_2 solid soln. formation, exchange of Pa^{4+} in molten LiF-BeF_2-ThF_4 with U^{4+} and Th^{4+} 2–10593

Excimers *see Molecules/excitation*

Excitation *see Atoms/excitation; Molecules/excitation; Nuclear excitation; Vibrations/excitation*

Excitons *see Crystal electron states/excitons*

Excitons, molecular *see Molecules; Polymers*

Exoelectron emission *see Electron emission*

Exosphere *see Atmosphere/upper*

exp-6 potential *see Kinetic theory; Molecules/intermolecular mechanics*

Expanding universe *see Cosmology*

Expansion, thermal *see Thermal expansion*

Exploding wires
  absorption lines produced by exploding wire binary alloy, breadth 2–38812
  in air, discharge plasma props. 2–6111
  fuse performance under impulsive conditions 2–11416
  immersed in water, obs. 2–5253
  restrikes, input-power density behaviour 2–30880
  sonic boom simulation, devices and techniques 2–34188
  sparks, temporal behaviour of input power and conductivity 2–24900
  spectral characteristics, influence of atmospheric props. on self-absorption 2–34558
  underwater sound impulse source 2–27297
  vapour produced, temp. obs. using optical pyrometer 2–2285
  Cu, radiation in infrared, visible, u.v. and vacuum u.v. spectral ranges 2–3214

Explosions
  see also Detonation; Exploding wires; Shock waves
  ammonium compound explosives, oxidizer reactivity, rel. to combustion 2–33374
  axially symmetric, in spheroid with exponential density distribution 2–16984
  blast waves, contour image improvement by use of striped background in photogrammetry 2–27291
  compact objects, magnetoid instability in twisted magnetic fields and repeated explosions 2–13944
  cratering formulas and scaling methods 2–22943
  cylindrical, in differentially rotating gas systems 2–30425
  cylindrical charge, finite length, flow analysis 2–30881
  detonation parameters calc. and effects of Al, Bo and Be inclusions 2–7173
  in earth, ray paths determ. by velocity logging with sets of detectors 2–4635
  electrical conductivity in detonation zone for powder explosives and hexogene 2–27299
  electrodynamic, shock wave analysis 2–5254
  electroexplosive device, nondestructive testing 2–27289
  exothermic reactant mass, arbitrary shape, critical conditions, general steady state description 2–4582
  in Galactic centre, high velocity H as evidence 2–26618
  geological phase transitions 2–7207
  heat and fluid motion in field of gravitational forces, numerical solution 2–27298
  laser induces, material removal from front surface 2–12412
  liquid, heat transfer mechanism during detonation 2–27301
  magnetogasdynamics, cylindrical blast wave propagation 2–18575
  nitroglycerine, laws of initiation during collapse of air cavities under impact 2–27293
  nitroglycerine liquid under impact, bubble mechanism of initiation 2–27292
  nitroglycerine powders, effective depth of light absorption required for ignition 2–27300
  in nuclear reactors, safety anal. 2–15088
  pulse transmission in thin curved bars 2–5214
  seismic wave generation is prestressed media 2–26414
  seismic waves in aeolian soil, effect of rate of detonation of explosives and construction of charges 2–30162
  source layering function, application of common path method 2–20254
  tetrile, heat liberation in low and high velocity regimes 2–7174
  underground, est. of firing depth using seismic waves 2–40879
  underwater, teleseismic P-waves from a detonation in North Sea 2–33413
  in water, effects of bottom coverings on shock waves 2–6180
  welded joint area, temp. meas. using welding plates as thermocouples 2–27326
  Cu film on LiF or plexiglass, diffusion processes occurring during blast compression time 2–29203
 nuclear
  artificial production of ^{7}Be in the atmosphere, abundance increases 2–30302
  atmospheric, production of discrete trains of infrasonic waves 2–37180
  atmospheric pressure waves 2–13690
  elastic energy and magnitude determinations of underground explosions 2–26417
  energy release from the aftershock activity of the high yield nuclear explosion BENHAM 2–20240
  gamma dose rate bracketing by steady state transport calc. 2–11922

Explosions continued
 nuclear continued
  Lamb's atmospheric edge mode, excitation and propagation theory 2–37142
  MILROW, seismic motion in the distance range 7 to 377 km 2–20253
  peaceful uses 2–24251
  radioactive fallout in atmospheric dust and rain during 1971, effect of Chinese and French nuclear tests 2–40973
  seismic spectrum scaling of underground explosions 2–30150
  seismic wave generation is prestressed media 2–26414
  seismologic and microbarolgic signals, long period from French atmospheric explosions 2–7208
  seismological detection and identification of underground tests 2–16741
  thermonuclear, superheavy element synthesis 2–31592
  underground, effects of water in rocks 2–22929
  underground, identification 2–40883
  underground, strain accompanying JORUM and its relation to geology 2–26412
  underground, teleseismic P codas, analysis of signals in four geological environments 2–13606
  ^{252}Cf synthesis in underground thermonuclear explosion 2–35094
  ^{250}Cm synthesis in underground thermonuclear explosion 2–35094
  ^{257}Fm synthesis in underground thermonuclear explosion 2–35094

Extensive air showers *see Cosmic rays/showers and bursts*

Extensometers *see Strain gauges; Thermal expansion*

Extra-terrestrial radiation *see Cosmic radiations, radiofrequency; Sun/radiation*

Extrusion *see Forming processes*

Eye
  see also Vision
  accommodation system, dynamic characts., step, pulse, and sinusoidal responses 2–33810
  adaptation effects, sinusoidal photopic amplitude threshold 2–20750
  adaptation threshold of photoreceptors, nonlinear summation 2–20760
  after-image transfer, therapeutic procedure for amblyopia 2–41337
  after-images, fragmentation and closure in different eyes 2–7619
  camera slit lamp apparatus for examination 2–8053
  cat, automatic gain control in retina and retinal dynamics 2–37518
  cat, rate of dark adaptation 2–20762
  cats, periphery effect, perceptual concept 2–30712
  cats, suppression-recovery effect, visual adaptation 2–7626
  cone pigment regeneration and light deprivation 2–41328
  cone pigment regeneration and light deprivation 2–41329
  contact lenses, lifting forces from corneal surface 2–41330
  contrast sensitivity, effect of exposure to glow 2–30701
  cornea, mechanical properties rel. to reponse to deforming forces 2–41323
  corneal topography measurement with autocollimating photokeratoscope 2–17128
  darkness enhancement during intermittent photic stimulation, subjective effect 2–20755
  disease therapy using hydrophilic lenses 2–21144
  elasmobranch pupillary response, dilation and constriction in response to light and dark 2–7614
  electrical response, electrophysiological refraction 2–41324
  electroretinographic responses of insects, variation with stimulation 2–20758
  electroretinography, a.c. amplifier artefact 2–26974
  entoptic diffraction halos and glare from bright monochromatic lights 2–20751
  equivalent luminance and spectral luminous efficiency in mesopic range 2–14047
  evoked retinal responses, characteristics and mechanisms 2–5080
  examination, computerised case history, visual activity and subjective refraction exam. conference, Honolulu, Hawaii (1972) 2–37447
  examination, computerized case history, visual acuity and subjective refraction exam. 2–37509
  eyeball movement, point of attention, meas. methods 2–33809
  fluorescence colour photography, for contact lens studies 2–17757
  foveal colour vision responses, variations due to macular pigmentation 2–20757
  frog, retinal photoreceptor membrane structure, X-ray diffraction 2–33807
  frog, X-ray diffraction from outer segments of visual cells of intact eyes 2–14049
  fundus camera for hologram production 2–23625
  Hering illusion, oblong shaped fields in visual system 2–41335
  Hippus of the pupil, attempts to control it and to correlate it with other autonomic systems 2–5081
  horseshoe crab, effect of cyclic AMP on lateral eye retinular cells 2–7627
  human, reversibility of perceived motion, selective adaptation to speed, size and orientation 2–20753
  human cyclofusional response, comment and reply 2–5082
  human cyclofusional response, effect of stimulus complexity 2–41327
  human visual system, spatial frequency channels, luminance and pattern drift rate effects 2–20752
  information theory criteria for quality 2–38092
  interocular sustained suppression, evoked potential amplitude and distribution 2–30704
  involuntary movements, effects on visual image 2–11220
  Kundt's rule, spectral absorbance of visual pigments in situ and solution 2–41325
  laser beam effects, radiation protection and safety rules 2–17648
  movement recordings as diagnostic tool in congenital pendular nystagmus 2–41322
  night myopia, relation to nycthemeral corneal rhythm 2–20754
  ocular melanomas, gamma ray probe 2–30671
  optic tract intensity-response functions from lateral geniculate neurons 2–41326
  optical modulation by isolated human fovea 2–30695
  peripheral relative spectral sensitivity and light pulsation coefficient 2–17133
  photically evoked cortical potentials, intermittent background stimulation 2–33813
  pigeon, photopic spectral sensitivity, determined electroretinographically 2–30710
  pupil control mechanism, model and pupillary nonlinearities 2–17129
  rabbit, schematic eye, extent of monocular and binocular vision 2–20761

Eye continued
receptor potential of honeybee drone, depolarizing aftereffect of intense light 2—20759
refraction, measurement by laser produced speckles 2—30696
retina, vision mechanism, cross-sectional diagram, obs. methods 2—33808
retina image transformation, comparison with photographic photo-sensitive films 2—23182
retina model, spatio-temporal information processing 2—5079
retinal and rhodopsin solutions, capacitance before and after visible light absorp. 2—37508
retinal laser irradiation diameter and focal length estimation of rhesus monkey 2—33816
retinal rods of frogs, linear dichroism, examination by polarizing microscope 2—11219
retinoscopy, reflection from fundus of eye 2—41321
rhesus monkey, effects of real and dark light on single unit activity 2—33819
rock lobster, seeing fibres, field structure, habituation, attention and distraction 2—41350
rod and core reception, effect of a flickering light 2—17132
rod birefringence, measurement of retardance of single unbleached rods 2—7613
saccadic movements, Bereitschaftspotential, premotor positivity and other potentials 2—30697
sensitivity in detection of Cherenkov radiation from passage of relativistic charged particles through the vitreous humour and retina 2—5084
sensory performance for lighting evaluation 2—2043
teleost retina, horizontal, bipolar and oligopolar cells 2—33817
ultrasonic B-scanning 2—20735
visibility meter, portable version, disability glare factor 2—41334
visibility of small targets, influence of eye version, threshold luminance 2—41333
Xenopus laevis, responses in optic tectum following visual stimulation 2—33818
Xe lamp for light coagulation 2—11199

F-centres
alkali halide, electrolytic colouration 2—3807
alkali halide, electron positron colour centre 2—3802
alkali halide, NaCl type, saddle point centre, excess electron role in step diffusion 2—15782
alkali halide, positron trapping by F- and F′-centres, theory 2—25448
alkali halide, positron trapping theory 2—25448
alkali halide, weak mag. field enhancement of luminesc. from F-centres 2—26237
alkali halide cryst., hyperfine interaction const. rel. to external elec. field 2—26312
alkali halides, calc. of stress parameters in point- ion-lattice approx. 2—39713
alkali halides, electron irrad., spatial distrib. 2—39714
alkali halides, e.s.r. optical detection 2—10491
alkali halides, produced by ionizing radiation 2—19092
alkali halides, soln. of vibronic model for relaxed excited state 2—36061
group II-VI semiconductor, F^+ centre, electronic struct. 2—1261
ionic cryst., absorpt. bandshapes from electron traps, quadrupole coupling 2—33246
ionic crystal, M- and F_r-centres, singlet-triplet splitting 2—16410
ionic crystal, singlet-triplet splitting 2—16410
polaron elastic scatt., effective cross-section 2—9598
scandium oxide, nonstoichiometric, plasma-synthesized, models 2—9344
zero-phonon line, F_3 centre, quadratic Stark effect 2—19123
BN:C, e.s.r. obs. 2—20131
$BaBr_2$, electrolytically coloured, e.p.r. obs. 2—9600
$BaCl_2$, electrolytically coloured and X-ray irrad., e.p.r. obs. 2—9600
BaF_2:Sr, X-irrad., absorp. spectra, F_{ae} centres 2—33256
BaO, donor levels in band gap 2—29659
$BaTiO_3$ ceramic, oxidation and reduction by O_2 plasma, F-centre formation 2—13576
CaF_2:Sr, Ba, X-irrad., absorp. spectra, F_{ae} centres 2—33256
CaF_2, F_3 centre, zero phonon line, absorpt. spectra, fluorescence 2—19122
CaF_2, F_3 centre, zero phonon line, absorpt spectra, fluorescence 2—19122
CaF_2, low temp. irrad., F_3^- centre, zero-phonon line 2—19124
CaF_2, low temp. irrad., F_3^- centre, zero-phonon lines 2—19124
CaF_2, zero-phonon line, F_3 centre, uniaxial stress effect 2—19123
CaO, F^+ centre emission spectrum, one-phonon sidebands 2—29911
GaAs:Cu, model 2—36316
KBr:KI, electron irrad., prod. rates 2—32555
KBr:OH, optical bleaching, low temp. 2—29200
KBr, asymptotics of weakly bound electron wave function and photodisintegration cross section 2—32552
KBr, photoelectric emission from complex centres 2—6929
KBr, X-irrad., optical absorpt. and thermoluminesc. obs. 2—40728
KCl:Ca, investigation of formation 2—29202
KCl:Co(Ba)(Cd), X-irrad., F-light bleaching and F- to M-centre conversion 2—22231
KCl:KNO_3, electrolytically coloured, X-ray generation of stable centres 2—36067
KCl:OH, optical bleaching, low temp. 2—29200
KCl:$O^{2-}(SO_4^2)$, electron excess colour centres 2—25451
KCl:U, γ-irradiated, colouring and hardening due to secondary interstitial processes 2—36060
KCl, aggregate form. 2—15783
KCl, asymptotics of weakly bound electron wave function and photodisintegration cross section 2—32552
KCl, diffusion, temp. and F-centre conc. depend. 2—32553
KCl, elastic scatt. of polarons 2—9598
KCl, electron irrad., prod. efficiency 2—6507
KCl, F_α(Li) centre spin lattice relaxation, e.p.r. obs., 4.2K 2—10507
KCl, F_α(Li), impurity displacement, absorp. band posn., isotropic hyperfine interaction 2—9599
KCl, F′- to F-conversion, thermal kinetics 2—1263
KCl, γ-irrad., thermoluminesc. and annealing 2—16630
KCl, γ-ray induced colouring at room temp., effect of strain 2—3803
KCl, photoelectric emission from complex centres 2—6929
KCl, positron annihilation rel. to positive ion vacancies 2—19530
KCl, pure and I^- doped, F-centre form., irrad. intensity effects 2—22230
KCl, pure and I^- doped, F- and V-centre form., irrad. intensity effects 2—22230
KCl, pure and Pb-doped, accumulation kinetics 2—36069
KCl, pure and Pb-doped, accumulation kinetics 2—36070
KCl, radiation annihilation of F-aggregate centres 2—32554

F-centres continued
KCl, X-irrad., conversion and equilibrium between F- and F_2-centres during warming 2—22228
KCl, X-ray coloured, thermoluminesc. obs. 2—4512
KCl, X-ray irrad., F-, F_2-centres, dynamic equil., temp. depend. 2—25452
KCl, X-ray irrad., F-, F_2-centres, dynamic equil., temp. depend. 2—25452
KCl single crystals, i.r. luminescence bands studied during X-ray irradiation at low temperatures 2—29953
KI:Tl phosphor, luminescence kinetics, electron-hole centre interaction 2—40711
KI, laser induced photoconductivity, 40 and 100 K 2—1584
KI, proton irrad., beam intensity depend. of defect yield 2—12788
$KMgF_3$, luminesc. obs. 2—32556
LiCl, hyperfine interactions, ENDOR study 2—22232
LiF, coloration by α-particles and deuterons, F_2^+ centre evolution 2—29201
LiF, dynamics of F_2^+-centres, one phonon sideband and Raman scatt. 2—22772
LiF, impure, X-irrad., conc. determ. 2—9525
LiF, moment anal. of mag. circular dichroism assoc. with allowed electronic transitions of impurity F-centres 2—10306
LiF, room temp. α- and deuteron irradiation, optical absorpt. spectra 2—25454
LiF, X-irrad., formation kinetics and density decrease 2—19127
$LiNbO_3$, absorpt., elec. cond. and photocond. study 2—19083
MgF_2, e.p.r. and ENDOR obs. 2—19128
MgF_2, e.p.r. and optical absorpt. 2—19129
NaCl, and X-centres, radiation prod., thermal destruction 2—6506
NaCl, asymptotics of weakly bound electron wave function and photodisintegration cross section 2—32552
NaCl, proton irrad., beam intensity depend. of defect yield 2—12788
NaCl, radiation prod., thermal destruction 2—6506
NaCl, Raman spectra, first and second order 2—16559
NaCl, self-diffusion 2—39743
NaCl, X-irradiated crystals, optical bleaching, room temp. 2—9597
NaCl, X-ray irrad., isothermal decay, opt. absorpt. obs. 2—36068
RbCl, Raman scatt., 80K 2—22789
$SrCl_2$, alkali metal ion doped, optical absorp. and e.s.r. obs. 2—3800
$SrCl_2$, e.s.r. and optical absorp. obs. 2—33336
SrF_2:Ca, Ba, X-irrad., absorp. spectra, F_{ae} centres 2—33256
SrF_2, F_3 centre, zero phonon line, absorpt. spectra, fluorescence 2—19122
SrF_2, F_3 centre, zero phonon line, absorpt. spectra, fluoresence 2—19122
SrF_2, low temp. irrad., F_3^- centre, zero-phonon line 2—19124
SrF_2, low temp. irrad., F_3^- centre, zero-phonon lines 2—19124
SrF_2, zero-phonon line, F_3 centre, uniaxial stress effect 2—19123
SrF_2, zero-phonon line, F_3 centre, quadratic Stark effect 2—19123
SrO, donor levels in band gap 2—29659
ZnS, additively coloured, e.p.r. study 2—19132

F-layer *see Ionosphere/F-region*

Faculae *see Sun*

Fallout
see also Atmosphere/radioactivity; Nuclear reactions and scattering; Radioactivity
atmospheric dust and rain during 1971, effect of Chinese and French nuclear tests 2—40973
chlorinated hydrocarbon residues, anal. in freshwater ecosystem 2—37171
clouds, diffusion and precipitation to great distances, atmospheric effects 2—20398
nuclear detonation, producing stratified layer of higher radioactivity in atmosphere 2—13728
HTO in troposphere, vertical profiles and transport 2—22981

Faraday effect
alkali halides, rot. of excitons 2—22731
biological polymer, microwave Hall effect, mobility detn. 2—16216
birefringence effects, elimination, two compensation methods 2—27601
compensation in electronic polarimeter 2—14453
dielectric, artificial, microwave rot. 2—13434
ferrites and orthoferrites, molecular orbital analysis 2—26115
ferromagnetic crystals, electric and magnetic dipole transition induced 2—40609
ferromagnetic metals, electronic contrib., obs. using 230 and 330 keV photons 2—7030
ferromagnets, magnetized, plane rot. of linear polarization of γ quanta, 0.1-0.5 MeV 2—16419
garnets, molecular orbital analysis 2—26115
interstellar electron density and magnetic field fluctuations effects on Faraday rotation 2—13924
interstellar electron density and magnetic fields fluctuations effects on Faraday rotation 2—13923
ionic cryst., freq. dispersion, theory 2—10358
ionosphere, equatorial Faraday rotation measurements 2—30345
ionosphere electron content from Faraday rotation of geostationary satellite signals 2—30350
ionospheric electron content meas. 2—20407
liquid and solid surface layer analysis 2—39450
magnetic circular dichroism, new applications to atomic and molecular systems 2—4432
microwave Hall effect Faraday-type rotation in biological materials 2—26939
neodymium ethylsulphate, paramagnetic relaxation, Pr^{3+} and Ce^{3+} cross-relaxation 2—26087
polycyclic aromatic hydrocarbons, magnetic circular dichroism of α bands 2—8801
rotation, ionosphere, manual reduction compared to computer ray trace analysis 2—4717
rotation, v.h.f. signals from satellites, obs. of ionosphere electron density distrib. irregularities 2—16898
rotation of Jovian decametric radio noise in Earth's ionosphere 2—1992
rotators as optical isolator for high power giant pulse lasers 2—17647
semiconductor, group II-VI cpds., interband rot. 2—13436
semiconductor, group II-VI cpds., interband rot. 2—13437
semiconductor, group II-VI cpds., interband rot. 2—13435
semiconductor, influence of uniform electric field 2—33209
spinels, Cr, molecular orbital analysis 2—26115
splitting of laser modes, det. of electron conc. in magnetoplasma 2—35542
superconducting electron lens, axial field distribution det. using Faraday effect 2—34319
TNCQ complex, microwave Hall effect, mobility detn. 2—16216
t.w. laser with use of Faraday effect in active field 2—21085

Faraday effect continued
- AlAs, anisotropic electron effective mass determ. 2—22547
- Bi-Ca-V-Fe garnet, Faraday rot., rot. mech. 2—22728
- $Bi_{0.8}Ca_{2.2}Fe_{3.9}V_{1.1}O_{12}$, origin of anomalous effect, Kerr effect obs. 2—29875
- $Bi_{3-2x}Ca_{2x}V_xFe_{5-x}O_{12}$, rot. and absorpt. obs. 2—40611
- $CdCr_2S_4$, hot pressed polycryst., near i.r. at liq. N_2 temp. 2—19970
- $CdGeAs_2$, amorphous semicond., near absorption edge, energy gap detn. 2—1663
- Cr^{III} halides, molecular orbital analysis 2—26115
- CuCl, CuBr, CuI, CuBr-CuCl, rotation and effective g-values of excitons 2—10308
- $DyFeO_3$, rel. to laser beam modulation 2—10309
- EuO:Fe, Eu films, chemical stability obs., application to beam-addressable memory 2—26049
- EuO:Fe, Gd films, longit. rot. 2—13438
- EuO:Gd, rot. of free and bound carriers 2—40662
- Eu_2SiO_4, ferroelastic ferromag., optical absorpt. spectra, cryst. struct. 2—10195
- Eu^{II} cpds, molecular orbital analysis 2—26115
- n- GaAs current carrier concentrations, contactless method 2—29695
- GaSb, high field transport props. detn. 2—32978
- GaSb, i.r., rel. to energy relax. time detn. 2—19644
- Hg natural vapour, effect obs. in optically oriented ^{199}Hg and ^{201}Hg 2—24985
- InSb:Te investigation at 10.6 μ, meas. of losses corresponding to rotation of angle of polarization 2—29873
- InSb, coupled cyclotron-plasmon-phonon modes for sample configs. ranging from Faraday to Voigt 2—22769
- n-InSb, low-temp. electron impurity scatt. detn. 2—22729
- Mg-Mn ferrite, stripe domain obs. 2—10310
- $Mn_xFe_{3-x}O_4$ film, ferrite, optical and mag. props. 2—19907
- Ni films, and ellipticity 2—10311
- Se, microwave Hall effect, mobility detn. 2—16216
- $Y_{3-2x}Ca_{2x}V_xFe_{5-x}O_{12}$, rot. and absorpt. obs. 2—40611
- $YFeO_3$, rel. to laser beam modulation 2—10309
- $Y_3Ga_xFe_{5-x}O_{12}$, temp. compensation point, Faraday rot. obs. 2—29831
- ZnTe, interband rot., low mag. field 2—7049

Fatigue
- alloys, commonly used in aerospace industry, fatigue testing 2—6566
- alloys, rapid fatigue-limit tests with increasing stress amplitude 2—29357
- alumina ceramics, with compressive surface layers, corrosion fatigue, delayed fracture 2—6556
- axial and flexural members under cyclic strain, simulation and correlation 2—14159
- bolted core support structure for a nuclear reactor, prediction of stresses and fatigue failure 2—15175
- α-brass, crack length and ductility 2—12905
- brass, rupture, fracture surface morphology 2—12907
- brass, use of high power ultrasonics 2—36185
- ceramics, testing method 2—19272
- COD test data, geometry effect 2—25529
- composite, disconinuous, fatigue crack propag. 2—36163
- composite, fibre reinforced metal matrix, repeated tensile load 2—22282
- concrete, under repeated compressive loads, effect of understressing 2—22345
- contact, high temp. testing device, variable specimen speeds 2—25545
- crack growth, energy balance criterion 2—29314
- crack growth rate testing, in gaseous environment 2—39835
- crack growth under infrequent compressive stress 2—25520
- crack initiation detector, appl. to bolts 2—39815
- crack propag., mech. props. and phase stability effects 2—32639
- crack propag., role of corrosion 2—36160
- crack propagation, changing surface configuration 2—32634
- crack propagation, strain hardening and stress relaxation effects 2—15876
- crack propagation in fatigue-cracked thin sheets, stress intensity factor determ. methods 2—9702
- crack propagation in reactor components due to acoustically induced stress, fracture mechanics approach 2—15171
- cracking, initiation, growth single edge notched specimen obs. 2—2202
- creep-fatigue interaction in nuclear reactors, design criteria from high temp. material properties 2—15110
- creep-fatigue life prediction, cumulative damage concepts 2—39822
- cumulative fatigue damage under stress controlled conditions 2—36154
- detection by holographic interferometry 2—36183
- drill tubes, effect of electromechanical hardening on corrosion fatigue failure 2—3892
- duralumin, effect of H_2SO_4 anodizing on fatigue and corrosion fatigue resistance 2—6567
- elastic polymers, strength under artificial climatic conditions, simulation device 2—25557
- failure of metals and alloys study by resistance strain gauge 2—29350
- failure prediction of materials under cyclic loading 2—39821
- fibre reinforced epoxide and polyester resins, dynamic properties, flexural modulus and loss factor 2—3832
- fracture toughness, crack opening displacement method 2—22285
- generalized cumulative damage law, low cycle fatigue 2—36146
- girders, steel, CO_2 welded, surface work hardening 2—1315
- glass, crack growth rel. to water reaction 2—36161
- glass, static fatigue, effect of high H_2O press. 2—15883
- graphite, static fatigue behaviour, applied stress rel. to fracture stress 2—32588
- high-strain fatigue life temp. depend. in parameter represent 2—39825
- impact testing apparatus for low temp. obs. 2—29369
- inelastic, crack propag. 2—19207
- instrument for detecting fatigue microcracks and measuring metal resilience 2—39858
- isothermal, comparison with combined temp. and mech. strain cycling 2—15037
- lattice strain in shocked stressed metals 2—19191
- limit, evaluation of Locati and Prot determ. methods 2—39816
- limit, statistical scatter, rapid estimation, increasing stress method 2—25537
- low cycle deformation and failure resistance, transverse deformation measurements 2—29345
- metal, anomalies in creep and low cycle fatigue props. 2—39797
- metal, as cause of fractures, tears or brakes 2—22281
- metal, failure prediction for complicated stress-strain history 2—39817
- metal, under dynamic loading, fatigue damage, theory 2—15828
- metal, u.s. strain induced 2—39818

Fatigue continued
- metal component failure, heat treatment effect 2—32627
- metals, alternating cantilever bend testing and torsion testing at 1.5-300K 2—29348
- mild steel structures design for low endurance fatigue conditions 2—14187
- nozzle end weldments for nuclear reactor pressure vessels 2—15170
- nuclear reactor response to acoustic pressure levels, Windscale High Intensity Noise Rig 2—38707
- nylon 6, glass fibre reinforced, plane bending fatigue, crack propagation 2—29305
- plastics, durability, freq. depend. of fatigue limit, relax. phenomena effects 2—32630
- PMMA, fatigue fracture and striations 2—25535
- polycaproamide, static and fatigue strength, liquid immersion effect 2—29289
- polycarbonate, glass fibre reinforced, plane bending fatigue and crack propagation 2—29304
- polyethylene steel composites, dynamic modulus changes under repeated plane bending 2—29236
- polyvinyl chloride, plane bending fatigue of specimens prepared by different mould methods 2—25517
- pressure vessel, fatigue endurance, effect of prior and periodic overstressing 2—9695
- product reliability, statistical analysis 2—7734
- quartz, stress corrosion cracking 2—1327
- rails under rolling load, endurance model tests 2—22306
- rolling fatigue tester, multiple-rig 2—22321
- rubber and cord, adhesion, fatigue characteristics 2—29459
- silicate glasses, dynamic and static, curves 2—32591
- small-cycle, in high pressure liquid media, device for obs. 2—22311
- steel, 0.7%C, effect of heat treatment and decarbonization on fretting fatigue behaviour 2—3893
- steel, a-201 and a-517 unnotched specimens, cumulative fatigue damage under stress controlled conditions 2—36154
- steel, alternating fatigue strength change by surface machining 2—29301
- steel, austenitic, precipitation-hardening, fatigue limit and durability 2—36152
- steel, borated, fatigue strength, residual stresses 2—39808
- steel, carburized, effect of mean stress on fatigue strength 2—32626
- steel, commercial carbon S35C, work hardened 2—39824
- steel, corrosion fatigue cracking, stress corrosion cracking, environmental attack, fatigue loading effects 2—19218
- steel, Cr-Mo-V type, low-cycle fatigue, temp. depend. 2—39828
- steel, cyclic heating effects 2—25516
- steel, cyclical meas., apparatus 2—25544
- steel, fatigue crack growth, stress cycle asymmetry effects 2—39840
- steel, fatigue crack propag., strength and stress history effects 2—36170
- steel, fatigue cycling, fracture mechanics of crack formation 2—9709
- steel, fatigue fracture, electron microscope obs. 2—9707
- steel, fatigue limit, effect of struct. and props. 2—36149
- steel, fatigue strength, effect of heat treatment 2—36151
- steel, fatigue strength, notch dependency under superimposed h.f. stress 2—32631
- steel, fatigue strength under axial load, effect of surface hardening 2—36150
- steel, heat treated, fatigue life curve, 8 step programme tests, range $>10^7$ cycles 2—12894
- steel, high strength, failure, electron fractographical investigation 2—3894
- steel, high temp. fatigue crack growth 2—15879
- steel, high temp. fracture damage, rest period effects 2—39841
- steel, high-strength, fatigue crack growth, effect of purity 2—15880
- steel, low C, grain size depend. of fatigue strength 2—12855
- steel, low carbon, relationship between brittle fracture and high strain fatigue behaviour 2—29294
- steel, low cycle fatigue at elevated temp., for superheater tube applic. 2—39933
- steel, low-cycle, correl. of effects of hold time and strain rate 2—39826
- steel, low-cycle fatigue strength, thermal effect 2—39827
- steel, maraging, fatigue crack growth, fractographic study 2—32648
- steel, maraging, fatigue crack growth, fractographic study 2—32647
- steel, mild, biaxial strength criterion at low endurance 2—15867
- steel, mild, crack opening displacement and fibrous fracture 2—32642
- steel, mild, welds, heat treatment effects 2—3895
- steel, Nb-stabilized austenitic stainless, 500-800°C 2—32629
- steel, notched, crack development, stress distrib. 2—29325
- steel, notched fatigue strength, application of finite element elastic-plastic stress analysis 2—15819
- steel, plastic zone form. and fatigue crack extension during bending 2—19215
- steel, random load life prediction model 2—39865
- steel, SM50, low cycle fatigue tests 2—36146
- steel, stainless, crack length and ductility 2—12905
- steel, stainless austenitic, under high strain, effect of carbides 2—9651
- steel, super-high-density sintered, fatigue and fracture props. 2—6561
- steel, X 15 N 9 Yu, fatigue, strength effect of heat treatment 2—6554
- steel stainless type 304, resistance to fatigue crack growth at high temps. due to cold working 2—15884
- structural metals, mathematical model for elevated temperature deformation 2—15827
- superalloy, controlled by use of precip. phases 2—29387
- in superheater tubing with austenitic steel 2—1313
- test, energy dissipation meas. 2—25538
- testing, deform. testing, biaxial stress, stress conc. and pure bending conditions 2—19229
- testing, random load life prediction model 2—39865
- testing, rapid small scale device, teaching and research 2—1311
- testing device for use in water and steam at h. temps. and pressures 2—19223
- thermal, conference, Berkeley, England (Sept. 1969) 2—39753
- thermal and high strain, rel. to material behaviour 2—39819
- thermal and thermomechanical test apparatus for alloys 2—22307
- thermal fatigue under multiaxial thermal stresses 2—39820
- thermal stress, cast iron ingot moulds, crazing phenomenon testing apparatus 2—1314
- wire, apparatus for tests 2—29353
- Al-3wt.%Cu, life, ageing, precipitation structure effects3952 2—3952
- Al-Mg-Zn alloy, fatigue fracture, electron microscope obs. 2—9707
- Al-Zn-Mg alloy, crack initiation and growth subject to fatigue loading 2—32628
- Al, crack length and ductility 2—12905

Fatigue continued
2024 Al, effect of anodic oxide coating 2—1286
Al, h.f. meas., point defects role 2—9643
Al, network pattern, electron microscope exam. 2—1251
Al, surface layer dislocation substruct., on fatigue cycling 2—12887
Al, u.s. strain induced 2—39818
Al alloy, complicated stress-strain history, failure 2—39817
Al alloy, fatigue striations form. 2—29298
Al alloy, fracture surface, micropores, electron microscopy 2—3904
Al alloy, interaction with corrosion and stress 2—4595
Al alloy cylinders under internal press. 2—39837
Al alloys, fatigue crack growth, effect of mean stress 2—36165
Al alloys, obs. 2—29417
Al alloys, prediction of fatigue life, wide band random fatigue loadings 2—1312
Al alloys, shape of endurance curves in fatigue testing 2—29420
Al bare plates, 2024-T3, mode II fatigue crack propagation 2—36148
Cu-Be-Co alloy, fatigue strength, effect of heat treatment conditions 2—29299
Cu-(1.9 wt%)Be alloy, precip. substructure depend. 2—22283
Cu, effect on internal friction 2—15805
Cu, freq. effect, high temp. 2—36147
Cu, single crysts., life, hardening, work hardening, cyclic deform., fracture 2—6568
Cu, torsional, 78 K, shear modulus, internal friction 2—22260
Cu, under unidirectional repeated tensile loading 2—12893
Cu crystal, cracks 2—3908
Fe-C system, microstructure stability during cyclic deformation 2—32724
Fe-(5 wt.%)Si, at liq. He temps.19200 2—19200
Fe, Armco, cyclic bending, microstructure 2—29300
Fe, at liq. He temps. 2—19200
Fe, cast, crazing phenomenon testing apparatus 2—1314
Fe, deformation and rupture, Al particles effect 2—9693
α-Fe, fatigue failure, intergranular fatigue cavitation at elevated temps. 2—25515
Fe, plastic zone around fatigue cracks 2—39782
Fe use of high power ultrasonics 2—36185
Mg alloy, edge cracked plate, tensile loading cycle 2—19201
MgO, high temp. fatigue fracture initiation mechanism 2—29302
Mo, coaxing phenomenon, grain size dffects 2—39829
Ni-Co-C, steel, fatigue crack growth, compliance method meas. 550-634K 2—19217
Ni, surface layer dislocation substruct., on fatigue cycling 2—12887
Ni alloy, alternating fatigue strength change by surface machining 2—29301
Ni alloy, superrefractory, creep during high-temp. fatigue 2—29271
Ni alloys, rel. to development as high performance, high temp. mats., review 2—12973
Ni high temperature alloy, effect of aluminide coating 2—25600
Se electrophotographic coatings 2—1316
Ti-Al, alloy, effect of grain structure on fatigue strength 2—6565
Ti, mechanism at u.s. freq. 2—9696
Ti, slipless, scanning electron microscope obs. 2—36153
Ti and alloys, rotating flexure test, heat treatment effect 2—12895
Ti use of high power ultrasonics 2—36185
Zr-Nb alloy, low cycle failure rel. to hydrogenation 2—29303
Fermi gas *see Quantum fluids/fermion systems*
Fermi level *see Crystal electron states/Fermi level*
Fermi surface *see Crystal electron states/Fermi surface*
Fermion systems *see Quantum fluids/fermion systems*
Fermions
see also Elementary particles; Quantum fluids/fermion systems; Statistical mechanics/quantum
classification as composite particles within a given irreducible representation of a Lie group 2—27038
Dirac-Pauli equation, centro-symmetrical field 2—11435
of dual pion and dual quark models, equivalence 2—17844
free Lagrangian, invariance properties w.r.t. Touschek transformation 2—34575
low mass, possible existence in $K_{L}\rightarrow\mu^{+}\mu^{-}$ decay 2—31267
massless two-dimensional world, fermion states rel. to boson states 2—14531
nonrelativistic, gravitational interaction, free energy 2—5466
pair operators, boson expansion for nucleons with single j shell 2—2679
pion-fermion system, embryonic dual model 2—411
Fermium
atom, electron binding energies, Dirac-Fock calculation 2—31663
atom binding energy of inner electron and limits on electrodynamic nonlinearities 2—28191
Fermium compounds
No entries
Ferrimagnetic resonance
see also Ferromagnetic resonance
surface roughness effects on linewidth meas. 2—26256
$Bi_{0.3}Co_{2.7}Fe_{3.65}V_{1.35}O_{12}$ garnet, paramag. ion doped, comparison with YIG 2—4534
$Mn_xFe_{3-x}O_4$ spinel, low temp. reson. relax. 2—10470
YIG, fine struct. of spin wave instabilities 2—40748
Ferrimagnetism
see also Ferromagnetism
antiferrimagnet, uniaxial two-sublattice Neel-type, spin wave energy spectra 2—33154
antiferrimagnet, uniaxial two-sublattice Neel-type, spin wave energy spectra 2—36730
ferrite, polycrystalline, susceptibility tensor, ellipsoids of rotation 2—4351
magnetization, energy change effects 2—33138
magneto-optical effects and inelastic scattering 2—20060
non-metallic crystals, spin wave conductivity 2—19844
singlet-ground-state magnetism equivalence 2—36729
spin waves, exchange-dominated, pulse propag. 2—19900
two sublattice model, double-time Green's function method 2—19902
Ferrites
see also Magnetic properties of substances/ferrimagnetic
in austenitic steel, mag. props., comp. depend. 2—4366
core, magnetomechanical loss and reverse permeability, effect of alternating field 2—19901
dielectric constant and mag. permeability tensor det., apparatus 2—34283
electrical cond., time variation effect 2—25920
electroceramics, control of properties by microstructure 2—32738

Ferrites continued
Faraday and Kerr effects 2—26115
ferrimagnetic reson., surface roughness effects on linewidth meas. 2—26256
ferrite-titanate ceramic, joining by hot pressing 2—39908
ferromagnetic resonance of anisotropic polycrystalline material 2—26254
film, spectrum of surface magnetostatic waves 2—1721
garnet, properties of magnetic bubbles in thin plate 2—29810
gyromagnetic waveguides, dynamiic modes 2—30950
hopping transport, mixed valence states 2—9997
laser beam stripping 2—39884
magnetic anisotropy, induced, method for obs. 2—10225
magnetic bubble detection by Hall effect transducer 2—40445
magnetic bubbles, lattice structure obs. in polarized light 2—4332
magnetic loss, properties 2—16383
magnetic parameters derivation from domain theory and obs. 2—36691
magnetic permeability at u.h.f., meas. by properties of standing wave in waveguide 2—27401
magnetic props., X-ray diffraction obs. 2—1595
magneto-optical effects microstrip lines 2—29826
magnetoacoustic resonance, in discs, two-stage parametric excitation 2—30001
magnetoelastic Love wave propag. in metal-coated layered substrates 2—13401
magnetoplumbite powders, mag. spectra before and after annealing, 30-52 GHz meas. range 2—16643
magnetostrctive, magnetic annealing for increasing coupling constant of transducers 2—6979
magnetostriction, effects of non-collinear ordering 2—40517
manganese, coated sphere, anisotropic FMR power absorpt. 2—20128
memory core, fast flux reversal by perpendicular static field 2—29825
$Mg_wMn_xFe_yO_z$, lattice consts. and saturation magnetization 2—36751
microwave susceptibility down to 10^{-5}, ultrasensitive technique 2—23469
optical absorpt., nonresonant 2—10177
orthoferrites, bubble domain material, polishing rel. to surface struct., LEED obs. 2—32332
orthoferrites, domain config. modification, concentric ring domains 2—40518
permanent magnet materials characterization 2—40514
perminvar, microstructure, electron microscopy 2—15712
piezomagnetic, impedance 2—29827
polycrystalline, microwave component appl. 2—16371
polycrystalline, susceptibility tensor, ellipsoids of rotation 2—4351
rare earth garnet, mag. struct., phase transitions 2—4396
rare earth ortho-ferrites, magnetic anisotropy, Neel point and paramag. region 2—1638
rare earth orthoferrite, crystal growth by floating zone method 2—32403
rare earth orthoferrites, anisotropy in domain wall mobility 2—10252
rare earth orthoferrites, annealing induced domain wall mobility changes 2—10199
rare earth orthoferrites, domain wall energies 2—13419
rare earth orthoferrites, floating zone growth and mag. props. 2—22113
rare earth orthoferrites, $Ln_{1-x}Ca_xFe_{1-x}Sn_xO_3$, hyperfine interactions, Mossbauer obs. 2—7059
rare earth orthoferrites, props. and use as logic elements 2—16366
rare earth orthoferrites, Sm-doped, low birefringence 2—40613
rare earth orthoferrites, temp. sensitivity of bubble domains 2—26022
rare-earth orthoferrites, magnetoelastic properties near spin reorientation temperature 2—4395
resonant fields of magnetostatic modes of precession, effect of anisotropy 2—26025
soft ferrites, general formula $MeFe_2O_4$ with Me divalent transition metal 2—29824
spin waves, density of states singularities 2—10177
spinel, cation distrib. reordering, rel. to elec. cond. relaxation 2—10112
system of small spheres, in e.m. field, reson. freq. spectrum, excited field amplitudes 2—23434
thermomagneto-optical memory in regions with modified mag. struct. 2—1620
$Ba_3Co_2Fe_{24}O_{41}$ and $Ba_3CoZnFe_{24}O_{41}$, n.m.r. of ^{57}Fe, magnetiz. reversal, domain walls 2—30024
$Ba_2Co_2(Ni_2)Fe_{12}O_{22}$, n.m.r. of ^{57}Fe, cone mag. struct. 2—10543
$BaFe_{12}O_{19}$, coercive force, ang. variation 2—26033
$BaFe_{12}O_9$, chemical polishing with H_3PO_4 2—1159
$BaFe_{12}O_9$, dependence of domain structure of magnetics on temperature 2—1617
$BaFe_2O_4$, polymorphism, X-ray study 2—39980
$BaFe_{12-2x}Zn_xTi_xO_{19}$, Mossbauer effect, mag. hyperfine fields, Zeeman patterns 2—33216
$Ba^{2+}Ni_{2-y}Co_yFe_{16}O_{27}$, hexiferrite, mag. anisotropy energy, 75-750 K 2—36740
$BaSc_xFe_{12-x}O_{19}$, anisotropy const. and specific magnetization 2—29828
$Ba_2Zn_2Fe_{12}O_{22}$, large amplitude oscillations of magnetic moments at 96 MHz, hyperfine field collapse, obs. using Mossbauer spectra 2—10226
Bi-Ca-V garnet, indirect exchange interact., V participation, neutron diffr. obs. 2—36739
$COFe_2O_4$, spinel, relaxation of electrical conductivity 2—19533
$Ca_4Fe_9O_{17}$, $CaFe_3O_5$, $CaFe_5O_7$, lattice dimensions determ. by X-ray methods 2—39634
$CdFe_2O_4$, electric field gradients at ^{57}Fe deduced from Mossbauer spectrum in applied magnetic field 2—1671
Co polycrystalline, meas. of Young, rigidity and bulk moduli at room temp. 2—36097
$Co_xCd_{1-x}Fe_2O_4$, struct. and mag. props., comp. depend. 2—1639
$CoFe_2O_4$-Cp_3O_4, spinodally-decomposed, coarsening kinetics, coercive force, mag. ageing 2—40520
$Co_xZn_{1-x}Fe_2O_4$, x=0.25, 0.5, 0.75, mag. struct., neutron diffr. obs. 2—40521
$Co_xZn_{1-x}Fe_2O_4$, mixed, spin relax., relax. times, rel. to Zn^{2+} conc., Mossbauer obs. 2—40577
$1.8Cr_2O_3 \cdot 0.5SrO \cdot 4.2Fe_2O_3$, paraprocess anisotropy at Curie pt., h.f. mag. field 2—6946
Cu-Cd, elec. cond., mag. transition influence 2—6983
$CuFe_2O_4$-$MnFe_2O_4$-Mn_2O_3, struct. and mag. props., effect of annealing 2—1627
$Cu_{0.75}Ni_{0.25}Fe_2O_4$, elec. cond. 2—1513
Dy-Co-Ni ternary, Ln-Ln′-Co ternaries Ln, Ln′=Gd, Nd, Dy, Pr, Ho 2—10213
$DyFeO_3$, Faraday effect 2—10309
$ErFeO_3$, magnetostrictive excitation of sound 2—25675

Ferrites continued
$ErFeO_3$, spin reorientation 2—4411
$ErFeO_3$, $YbFeO_3$, $TmFeO_3$, nonaxial antiferromag. axis, neutron diffr. 2—26064
Fe-Cr spinels, magnetization, application to identification in rocks 2—1596
$Fe_xCd_{1-x}Fe_2O_4$, struct. and mag. props., comp. depend. 2—1639
γ-Fe_2O_3:Co micropowders, mag. props., lattice parameters 2—16386
γ-Fe_2O_3, acicular, chain-of-spheres behaviour 2—33156
α-Fe_2O_3, r.f. magnetostrictively-induced Mossbauer sidebands, particle size depend. 2—33219
α-Fe_2O_3 thermomagneto-optical memory in regions with modified mag. struct. 2—1620
Fe_3O_4, magnetite, phase transformation, magnetoresist., 77-300K 2—25816
Fe_3O_4, magnetite, Verwey and charge density wave state ordering 2—40526
$Fe_{3-x}Sc_xO_4$, lattice consts. and saturation magnetization 2—36751
FeV_2O_4, paramag. susceptibility 2—19833
$Gd_3Fe_5O_{12}$:Si, domain struct. 2—10229
$LaFeO_3$, ferroelastic effect 2—25633
Li-Mn, mixed, valency induction effects on mag. props. 2—19905
Li, ferromag. relax. of Co^{2+}, spin wave decay, disordering effects 2—36971
Li, microwave, fabrication and properties 2—23432
$Li_{0.5}Fe_{2.5-x}Al_x(Ga_x)O_4$, elec. field gradient, Mossbauer obs. 2—10328
$Li_{0.5}Fe_{2.5-x}Al_xO_4$, n.m.r., mag. struct. 2—10556
$LiFe_5O_8$, ordered, n.m.r. of ^{57}Fe, hyperfine fields 2—37010
$Li_{0.5}Fe_{2.5}O_4$, elec. cond., Hall coeff., magnetization, transverse magnetoresist., 300-550 K 2—19649
$Li_{0.5}Fe_{2.5}O_4$, n.m.r. of ^{57}Fe, dipole and anisotropic hyperfine fields effects 2—26304
$Li_{0.5}Fe_{2.5-x}Sc_xO_4$, lattice consts. and saturation magnetization 2—36751
$Li_xNa_{0.5-x}Fe_{2.5}O_4$, intensification of formation in Li_2O-Na_2O-Fe_2O_3 system 2—36303
Mg-Mn, stripe domains, magneto-optical obs. 2—10310
Mg-Mn, White Line obs. at K-absorp. edge of Mn 2—40705
Mg, polycrystalline, meas. of Young, rigidity and bulk moduli at room temp. 2—36097
$Mg_xCd_{1-x}Fe_2O_4$, struct. and mag. props., comp. depend. 2—1639
$MgFe_{2-x}Ga_xO_4$ solid solution, struct. and mag. props., comp. depend. 2—19866
$MgFe_2O_4$, elec. and mag. props., effect of Ln^{3+} substituion 2—13412
$MgFe_2O_4$, precip. strengthening of MgO 2—29402
$MgFe_2O_4$, spinel, relaxation of electrical conductivity 2—19533
$MgFe_2O_4$ film, cation ordering, electron diffr. obs. 2—29146
$MgFe_2O_4$ form. in MgO-Fe_2O_3 powders, rate consts. 2—1378
$Mg_{0.993}Fe_{2.007}O_4$, kinetics of cation ordering 2—15985
$Mg_xFe_{3-x}O_4$, containing antiferromag. precip., rotational hysteresis 2—22693
$Mg_xFe_{3-x}O_{4\|y}$, mag. anisotropy, Fe^{2+}ion conc. depend. 2—1601
$Mg_{0.7}Mn_{0.8}Fe_{1.6}O_4$ ferrite, square-loop, X-ray diffraction intensities ionic distribution, u-parameters 2—29147
$Mg_xMn_yFe_{3-x-y}O_{4\|p}$, swelling during sintering 2—36258
Mn-Zn, recording head, grain size effects on noise 2—10224
Mn, multiple n.m.r. spin echoes for ^{55}Mn 2—4557
$Mn_xCd_{1-x}Fe_2O_4$, struct. and mag. props., comp. depend. 2—1639
$MnFe_2O_4$, magnon dispersion relations, neutron diffr. obs. 2—36748
$MnFe_2O_4$, $MnCoFe_2O_4$, $MnFe_2O_4+0.16(Mn_3O_4)$, spin echo of ^{55}Mn nuclei in local fields 2—4532
$MnFe_2O_4$, Mossbauer effect, ion distrib., spin struct. 2—40617
$MnFe_2O_4$, spinel, relaxation of electrical conductivity 2—19533
$Mn_{0.82}Fe_{2.18}O_4$, acoustic losses due to disaccommodation mag. relax. effects 2—29538
$Mn_xFe_{3-x}O_4$, ferromag. resonance, size effects 2—4533
$Mn_xFe_{3-x}O_4$, magnetic crystal anisotropy down to liq. He temps., meas. by torque method 2—4397
$Mn_xFe_{3-x}O_4$, magnetostriction consts. 2—1640
$Mn_xFe_{3-x}O_4$, octahedrally coordinated Mn^{3+} ion, contrib. to magnetic torque 2—4398
$Mn_xFe_{3-x}O_4$ film, magnetic, optical and elec. props. 2—19907
$Mn_xFe_{3-x}O_4$ film, prep. by reactive evap. and structure 2—19906
$Mn_xFe_{3-x}O_4$ spinel, low temp. ferrimag. reson. 2—10470
$Mn_xFe_{(3-x)}O_4$, magnetocrystalline and induced anisotropy 2—1616
MnZn, atmospheric composition effect on cooling ferrites 2—36747
$MnZnFe_2O_3$, mag. props. rel. to Fe_2O_3 and calcined spinel particles size 2—33157
Ni-Co-Mn-Cu, piezomag., impedance 2—29827
Ni-Co, Mossbauer and X-ray spectra obs. 2—40528
Ni-Cu-Co-Fe, magnetostrictive, magnetomech. props., 233-373K 2—40529
Ni-Zn, cryogenically crushed, prep. and props. 2—16384
Ni, Co-containing, thermomagnetic effects on X-ray and Mossbauer spectra 2—36917
Ni, form., influence of mixing 2—32711
Ni polycrystalline, meas. of Young, rigidity and bulk moduli at room temp. 2—36097
$Ni_xCd_{1-x}Fe_2O_4$, struct. and mag. props., comp. depend. 2—1639
$Ni_{1-x}Co_xFe_2O_4$, coercive force and magnetostriction, effect of prep. method 2—29829
$Ni_xCu_{1-x}Fe_2O_4$, Curie temp., cation distrib. influence 2—33158
$NiFe_{2-x}Cr_xO_4$, crystal and band structure, X-ray and Mossbauer spectral investigation 2—35996
$NiFe_xCr_{2-x}O_4$, struct., internal fields, X-ray and Mossbauer obs. 2—40635
$NiFe_2O_4$, sputtering in Ar-O_2 at. absorpt. spectroscopy, mol. mode determ. 2—1012
$NiFe_2O_4$ films, prep., microstruct., mag. props. 2—18941
$Ni_xFe_{3-x}O_4$, containing antiferromag. precip., rotational hysteresis 2—22693
$Ni_xFe_{3-x}O_{4\|y}$, mag. anisotropy, Fe^{2+}ion conc. depend 2—1601
$Ni_xFe_{3-x}O_4$, oxygen nonstoichiometry and defect. struct. 2—29174
$NiIn_xFe_{2-x}O_4$, ^{115}In n.m.r. study 2—40778
$(NiMg)Fe_2O_4$, form. in NiO-MgO-Fe_2O_3 system 2—1414
NiMn, anomaly in resistivity temperature characteristics in Curie-point region 2—19534
$Ni_{0.5}Zn_{0.5}Fe_2O_4$, anisotropy and mag. losses, effect of CoO addition 2—29830
$Ni_xZn_{1-x}Fe_2O_4$, mixed, spin relax., relax. times rel. to Zn^{2+} conc., Mossbauer obs. 2—40577
$Ni_xZn_yFe_2O_4$, optical consts., ellipsometric determ. 2—36816
$Sm_{0.55}Tb_{0.45}FeO_3$, annealing induced domain wall mobility changes 2—10199

Ferrites continued
$Sm_{0.55}Tb_{0.45}FeO_3$, domain wall mobility enhancement through X-irrad. compared with annealing 2—26071
$Sm_{0.55}Tb_{0.45}FeO_3$ platelets, bubble domain propag. 2—6967
$Sm_xTb_{1-x}FeO_3$, growth from PbO-PbF_2-B_2O_3 melts 2—22114
$Sr_4Fe_6O_{13}$, cryst. struct., Mossbauer effect and mag. props. 2—39652
$Sr^{2+}Ni_{2-y}Co_yFe_{16}O_{27}$, hexiferrite, mag. anisotropy energy, 75-750 K 2—36740
$SrO.(6-x)Fe_2O_3.xAl_2O_3$, cryst. growth and bubble domain props. 2—22103
$SrSc_xFe_{12-x}O_{19}$, elec. cond., temp. and comp. depend. 2—29674
Y single crystal shape anisotropy effect on nonlinear ferromagnetic resonance instability 2—4531
$YFe_{1-x}Mn_xO_3$, critical conc. for spin reorientation 2—40568
YFeO, magnetic domain wall, concave, light beam focusing 2—7969
$YFeO_3$, annealing induced domain wall mobility changes 2—10199
$YFeO_3$, bubble domain detection by scanning electron microscopy 2—26074
$YFeO_3$, Faraday effect 2—10309
$YFeO_3$, growth from PbO-PbF_2-B_2O_3 melts 2—22114
$YFeO_3$, optimum comp. for crystn. in Y_2O_3-Fe_2O_3-50PbO.40PbF_2.10B_2O_3 system 2—36291
$YFeO_3$, torque curve obs. in pulsed mag. fields 2—6997
$YFeO_3$ and $Y_3Fe_5O_{12}$, formation in Y_2O_3-Fe_2O_3 powder mixtures at 1100°C 2—30058
$Y_3Ga_xFe_{5-x}O_{12}$, temp. compensation point, Faraday rot. obs. 2—29831
YIG, axially magnetized single cryst., magnetostatic reson. absorpt. modes 2—19909
YIG, excitation of spin waves, with second magnetization harmonic frequency 2—16385
$YbFeO_3$, growth from PbO-PbF_2-B_2O_3 melts 2—22114
$YbFeO_3$, self-biased bubbles 2—36783
Zn polycrystalline, meas. of Young, rigidity and bulk moduli at room temp. 2—36097
$ZnFe_2O_4$, electric field gradients at ^{57}Fe deduced from Mossbauer spectrum in applied magnetic field 2—1671
$ZnFe_2O_4$, spinel, relaxation of electrical conductivity 2—19533
$Zn_xFe_{3-x}O_4$, oxygen nonstoichiometry and defect struct. 2—29174
$Zn_xFe_{3-x}O_{4\|p}$, with and without Co impurity, evidence for anisotropy induced near 100°C 2—26053
$Zn_xFe_{3-x}O_{4-x}F_x$, prep., mag. props. and elec. cond. 2—22695
$Zn_{0.87}Mn_{0.13}Fe_2O_4$, mag. struct., neutron diffr. obs. 2—36784
$Zn_xMn_{1-x}Fe_2O_4$, antiferromag. transition, neutron diffr. obs. 2—4399
$Zn_xNi_{1-x}Fe_2O_4$, effect of Dy substitution on props. 2—13413
Zn_2Y hexaferrite, magnetocalorimetric effect in spherical specimen, 290-450 K 2—10227
Ferroacoustic resonance
insulator, coupled photon-magnon-phonon modes 2—10185
Ferroelectric devices *see Dielectric devices*
Ferroelectric materials
see also Antiferroelectric materials
alkaline earth titanates and zirconates, band gap determ. 2—1526
ammonium hydrogen di-chloroacetate, paraelec. phase, cryst. struct. 2—36002
ammonium Rochelle salt, superstructure 2—10119
arsenate single crystals, γ-irradiated, e.s.r. of free radicals 2—10122
arseniates, γ-irrad., e.p.r. of radicals 2—10495
bibliography, July-Sept 1971 2—29750
boracites, atomic displacements due to polarity changes 2—32465
ceramic, adiabatic depolarization, energy conversion 2—29748
ceramic, coarse grained, anomalous dielec. behaviour rel. to internal stresses 2—16280
ceramic, nonlinear interactions, applic. to microwave signal processing 2—40342
ceramic, recording of holographic gratings 2—23631
ceramic, survey 2—3966
ceramics for electronics, conf., Hradec Kralove, Czechoslovakia, (1971) 2—12977
complex phase transitions, scaling theory 2—6631
crystal growth, top-seed soln. growth 2—12696
dielectric dispersion near transition point 2—19758
dielectric permittivity dispersion, temp. dependence 2—16261
displacive type, dielec. and mech. props., phenomenological theory 2—29751
DNA, state of the art 2—13313
electro-optic amplitude modulators based on Michelson interferometer 2—38144
electroceramics, control of properties by microstructure 2—32738
electron polarizability and density X-ray diffraction study 2—6879
ferroelastic, thickness of domain walls 2—16277
ferroelasticity, review 2—12988
ferroic crystal, nonmagnetic, state shift, elec., mech., and electromech. orders 2—40343
ferromagnetic, two- and three-phase ceramics, dielec. and mag. props. 2—10117
film, research status and device potential 2—40338
guanidinium aluminium sulphate hexahydrate, n.m.r., molecular motion 2—7131
hydrogen-bonded, dipolar relax. study of l.f. motion 2—10259
hydrogen-bonded, mol. model 2—15993
K_2SeO_4;Cu^{2+}, e.p.r., rel. to phase transitions 2—33341
lattice dynamics, mol. rot., n.m.r. obs. 2—37000
lattice vibrational modes, powder Raman spectra study 2—13021
lead dicalcium propionate, p.m.r. transition pt. phenomena 2—10574
lithium formate monohydrate, cryst. struct. and props. 2—3747
lithium thallium tartrate, piezoelectric coupling effects 2—29756
lithium thallium tartrate monohydrate, elec. control of elastic compliance 2—40360
Mandelstam-Brillouin scattering, review 2—26199
$NaNO_2$, polarization reversal mechanism, X-ray obs. 2—40353
n.q.r. near phase transition pt., kinetic eqns. 2—7155
in optical memories and display 2—40334
order-disorder and displacive type, phonon modes and phase changes, Raman spectra 2—20062
oxygen-octahedra type, electromech. props. and u.s. applics. 2—19756
perovskite, phase transitions, theory 2—36591
perovskite type, synthesis and props., review 2—25925
perovskites, comparative behaviour of permittivity in weak field at room temp. 2—1555
phase changes, microscopic theories 2—16279
phase transition, symmetry of soft modes 2—22620

Ferroelectric materials continued
  phase transitions, n.m.r., n.q.r. and double resonance obs., review 2—6632
  photoconductor, Curie point, screening influence 2—40345
  piezoceramic transducers, fund. modes 2—29519
  polyvinylidene fluoride, pyroelec. props., i.r. detectivity 2—13329
  polyvinylidene fluoride films, poled, pyroelec. and nonlinear optical props. 2—40367
  rare earth molybdates, $Ln_2(MoO_4)_3$, ferroelectric-paraelectric struct. transition, lattice parameters 2—9486
  review of developments in Europe 2—40340
  Rochelle salt, dielec. const. and relax. time 2—16293
  Rochelle salt, domain wall motion contrib. to permittivity 2—36575
  Rochelle salt, local field model of phase transitions, role Lorentz factors 2—25931
  semicarbazide hydrochloride, dielec. measurements 2—19770
  semiconductor, photocond. due to surface layers 2—4296
  solid solution, dielec. permeability, thermodynamic theory 2—19767
  solid solution, thermodynamic study 2—19766
  β-spodumen, expt. evidence 2—29756
  storage device applic. 2—40336
  strontium dicalcium propionate, p.m.r. transition pt. phenomena 2—10574
  structural phase transitions, Raman spectroscopy, soft mode theory 2—29925
  substances with potash-tungsten-bronze structure, conditions in which ferroelectricity appears 2—1399
  symmetry rel. to phase transition prediction 2—35957
  thiourea, absorpt. spectrum, librs. and vibrs. 2—26176
  Thiourea, ferroelec. phase, Stark effect 2—20171
  thiourea, n.m.r., molecular motion 2—7131
  thiourea, phase transition, i.r. and Raman obs. 2—20080
  thiourea, phase transition to ferroelectric modification, obs. in i.r. and Raman spectra 2—29923
  thiourea, proton and deuteron mag. reson. 2—10575
  thiourea, satellite X-ray scatt., structural modulation 2—13320
  thiourea, vibr. modes, Raman spectra obs. 2—4040
  triglycine selenate, permittivity near phase transition pt. 2—29757
  triglycine sulphate, γ-irradiated, displacive movement of the radical, e.s.r. obs. 2—26268
  triglycine sulphate, acoustic emission, during polarization reversal and phase transition 2—13030
  triglycine sulphate, applic. to pyroelec. thermal imaging devices 2—37797
  triglycine sulphate, Cr^{3+} doped, internal elec. fields, e.p.r. obs. 2—10530
  triglycine sulphate, critical phenomena 2—19771
  triglycine sulphate, cryst. struct. 2—25364
  triglycine sulphate, Curie temp., second harmonic scatt. 2—16294
  triglycine sulphate, dielec. relax. 2—19758
  triglycine sulphate, domain growth dynamics 2—2366
  triglycine sulphate, elec. field gradients near domain walls 2—1565
  triglycine sulphate, ferroelec. switching, struct. inhibition, additives 2—33063
  triglycine sulphate, noise and impedance meas., polarization fluctuations 2—33055
  triglycine sulphate, nonlinearity of dielec. const., second harmonic detection 2—33062
  triglycine sulphate, pyroelec. voltage response to rectangular i.r. signals 2—33064
  triglycine sulphate, pyroelectric applications 2—6888
  triglycine sulphate, spontaneous polarization, laser irrad. effect 2—1574
  triglycine sulphate, X-ray damaged, free radicals, e.p.r. study 2—5977
  triglycine sulphate and fluoroberyllate, e.p.r. spectra of admixture ions 2—10528
  triglycine sulphate-selenate mixed cryst., spontaneous polarization, refr. index 2—13321
  triglycine sulphates, ENDOR on radicals of glycine II and III 2—10583
  tris-sarcosine calcium chloride, Mn^{2+} doped, e.p.r. 2—10529
  tungsten bronze crystal structure, Raman scatt. temp. depend., polariton obs. 2—33281
  wave propag., acoustic surface waveguide 2—29541
  wide-gap, Curie pt., impurities influence 2—29749
  $Ba_2Na_{1-x}Li_xNb_5O_{15}$, crystal growth and props. 2—29097
  $Ba_2NaNb_5O_{15}$, second harmonic generation, dielec. consts., electro-optic coeffs. 2—13315
  $Ba_xSr_{1-x}Nb_2O_6$, pyroelec. voltage response to rectangular i.r. signals 2—33064
  $(BiNa)_{1/2}TiO_3$, crystal growth by flux method and props. 2—29088
  BiOI crystal, adsorption of O_2, attachment levels, thermo-stimulated current 2—6805
  Bi_3TiNbO_9, cryst. struct. rel. to ferroelec. props. 2—25328
  Bi_3TiNbO_9, cryst. struct., rel. to ferroelec. props. 2—3698
  Bi_3TiNbO_9, crystal struct., X-ray and neutron diffr. obs. 2—32445
  $Bi_4Ti_3O_{12}$, cryst. struct., rel. to ferroelec. props. 2—3698
  $Bi_4Ti_3O_{12}$, cryst. struct. rel. to ferroelec. props. 2—25328
  $Bi_4Ti_3O_{12}$, efficient white-light reading of domain patterns 2—40348
  $Bi_4Ti_3O_{12}$, intrinsic switching 2—29756
  $Bi_4Ti_3O_{12}$, layer struct. cpd., elastic and dielec. props. 2—13316
  $Bi_4Ti_3O_{12}$ ferroelec.-photocond. optical storage medium 2—40349
  $Bi_4Ti_3O_{12}$ films, domain struct. and polarization reversal 2—40350
  Bi_2WO_6, cryst. struct., rel. to ferroelec. props. 2—3698
  Bi_2WO_6, cryst. struct. rel. to ferroelec. props. 2—25328
  c KH_2PO_4:Cr^{3+}, e.p.r., effects of uniaxial stress and elec. fields 2—33340
  $CaB_3O_4(OH)_3.H_2O$, colemanite, internal bias fields 2—13317
  $Ca_2Sr(C_2H_5CO_2)_6$, domain structure, electron mirror microscope obs. 2—10120
  $Co_3B_7O_{13}I$, piezoelec. coeff. determ. 2—22622
  $Co_3B_7O_{13}I$, specific heat anomaly at parametric transition 2—25926
  CsD_2AsO_4, ^{75}As quadrupole coupling const. 2—10554
  CsD_2AsO_4, phase transition, ^{133}Cs spin-lattice relax. temp. depend. obs. 2—6881
  CsH_2AsO_4, EFG tensors average, and that of paraelectric phase 2—29844
  CsH_2AsO_4, paraelectric phase, proton-phonon coupling, Raman spectra 2—19364
  Eu_2SiO_4, ferroelastic ferromag., optical absorpt. spectra, Faraday rotation, cryst. struct. 2—10195
  $Fe_3B_7O_{13}I$, phase transitions at low temp., X-ray obs. 2—36592
  $Gd_2(MoO_4)_3$, anomalous optical hysteresis 2—19971
  β-$Gd_2(MoO_4)_3$, antiferromag., magnetothermodynamics 0.4-4.2K, fields up to 90 kG 2—10239
  $Gd_2(MoO_4)_3$, control and applic. of ferroelec.-ferroelastic domain wall motion 2—40351
  $Gd_2(MoO_4)_3$, Curie pt. shift due to hydrostatic press. 2—6882

Ferroelectric materials continued
  $Gd_2(MoO_4)_3$, elastic props. at ferroelastic transition 2—16009
  $Gd_2(MoO_4)_3$, ferroelastic, thickness of domain walls 2—16277
  $Gd_2(MoO_4)_3$, ferroelec.-ferroelastic domain wall struct. 2—16290
  $Gd_2(MoO_4)_3$, moving domains, moving microscopy obs. 2—25927
  $Gd_2(MoO_4)_3$, optical props., device applics. 2—40614
  $Gd_2(MoO_4)_3$, phase boundaries between ferro- and paraelec. phases 2—16289
  $Gd_2(MoO_4)_3$, phase transition, anomalous elastic wave absorpt. 2—19299
  $Gd_2(MoO_4)_3$, phase transition, pyroelectric effect, spontaneous polarization 2—13328
  $Gd_2(MoO_4)_3$, phase transition, soft-zone boundary phonon driven 2—19763
  $Ge_2(MoO_4)_3$, ferroelec. ferroelastic and paraelec.-paraelastic phases, X-ray obs. 2—19052
  HBr (Cl)(I) cryst., critical effects in n.q.r. spectra 2—10588
  KD_2AsO_4, ^{75}As quadrupole coupling const. 2—10554
  $K(D_{2x}H_{2-2x})PO_4$, absorption coefficients, obs. 2—36824
  $KD_{2x}H_{2(1-x)}PO_4$, phonon modes and phase changes, Raman spectra 2—20062
  KD_2PO_4, double-loop dielec. hysteresis 2—6883
  KD_2PO_4, high temp. phase transition and metastability 2—22624
  KD_2PO_4, Landau-Khalatnikov damping of transverse elastic waves 2—29533
  KD_2PO_4, statistical perturbation theory, order-disorder ferroelec. 2—10124
  $K_4Fe(CN)_6.3H_2O$, Mossbauer investigation of phase transition 2—29888
  $K_4Fe(CN)_6.3H_2O$, n.m.r. obs. of ^1H 2—4556
  KH_2AsO_4, long range correlation, n.m.r. and dielectric relax. obs. 2—10553
  KH_2AsO_4, paraelectric phase, proton-phonon coupling, Raman spectra 2—19364
  KH_2AsO_4, phonon modes and phase changes, Raman spectra 2—20062
  KH_2AsO_4, polarized i.r. transmission spectrum in paraelectric phase 2—40709
  KH_2AsO_4, proton-lattice interactions, dynamic susceptibility, Raman spectra 2—19377
  KH_2AsO_4 and KD_2AsO_4, proton-lattice coupled motion 2—19376
  KH_2PO_4:D, KD_2PO_4:H, impurity effects, zero-temp. Green function method 2—19765
  KH_2PO_4, ^{39}K spin-lattice relax. at transition pt. 2—10581
  KH_2PO_4, dynamical model, elec. susceptibility, sp. ht., isotope effect, crit. behaviour 2—19764
  KH_2PO_4, existence of dislocations at domain tips 2—22623
  KH_2PO_4, finely divided, permittivity 2—10121
  KH_2PO_4, first-order transition 2—10123
  KH_2PO_4, high temp. phase transition and metastability 2—22624
  KH_2PO_4, $KD_{2x}H_{2(1-x)}PO_4$, KH_2AsO_4, Raman active modes 2—16551
  KH_2PO_4, KD_2PO_4, KH_2AsO_4, phase transitions, phonon spectra, Raman scatt. 2—16550
  KH_2PO_4, KD_2PO_4, soft optic and acoustic modes, light scatt. obs. 2—20072
  KH_2PO_4, KD_2PO_4, u.s. vel. and attenuation, dielec. susceptibility, polarization relax. 2—4279
  KH_2PO_4, macroscopic stimulated polarization echo 2—1569
  KH_2PO_4, phae transitions, soft modes, Raman spectra 2—16549
  KH_2PO_4, phase transform., lattice modes 2—19398
  KH_2PO_4, phase transitions, Landau theory 2—19760
  KH_2PO_4, phonon modes and phase changes, Raman spectra 2—20062
  KH_2PO_4, proton-phonon interactions 2—32811
  KH_2PO_4, temp. dependence of dielectric permittivity dispersion 2—16261
  KH_2PO_4, vanishing of ferroelec. at high press. 2—22625
  KH_2PO_4, vibr. spectra 2—13490
  KH_2PO_4, X-ray irrad., light pulse emission accompanied current pulses 2—13515
  KH_2PO_4 and KD_2PO_4, high temp. dielec. anomalies, phase transitions 2—9814
  KH_2PO_4 circle theorem breakdown, and circle theorem for ice rule models 2—1570
  KH_2PO_4 type crystal, pressure effects on lattice parameters and structure 2—32459
  KIO_3, phase transition, electro-optical obs. 2—33211
  KNO_3, elec. cond., thermal transform. 2—32773
  KNO_3 first-order phase transition, Raman spectroscopy of phonon instability 2—25924
  $K_{1-x}Na_xTaO_3$ mixed cryst., phase transitions, soft modes 2—25928
  $KNbO_3$, cubic, phase transition, neutron diffuse scatt. obs. 2—13318
  $KNbO_3$, phase transition, n.m.r. obs. 2—16661
  K_2O_5-SrO-Nb_2O_5 system characterization 2—40352
  $KTa_{0.63}Nb_{0.37}O_3$, cubic, soft phonon dispersion modes, neutron scatt. obs. 2—13029
  $KTa_{0.64}Nb_{0.36}O_3$, Raman spectrum, paraelec. and ferroelec. phases, phonon modes 2—36905
  $KTa_xNb_{1-x}O_3$ solid solns., cryst. growth 2—25264
  $KTaO_3$, linear-displacement correls. neutron scatt. analysis 2—22408
  $Li(Fe_{0.5}Ta_{0.5})O_2F$, antiferromag. ceramic, magnetoelectric effect 2—4413
  $LiH_3(SeO_3)_2$ crystal, hydrogen bonding 2—25335
  $LiN_2H_5BeF_4$, dielec. characts. 2—6884
  $LiNbO_3$:Fe^{3+}, e.p.r. investigation of crystal field parameters 2—30010
  $LiNbO_3$:Gd^{3+}, ferroelectric, e.p.r. of Gd^{3+} 2—10485
  $LiNbO_3$, Curie point rel. to nonstoichiometry 2—19083
  $LiNbO_3$, elec. conductivity 2—1518
  $LiNbO_3$, permittivity and cond., temp. and freq. depend. 2—1571
  $LiNbO_3$, piezoelec. leaky surface wave, and Rayleigh wave, propagation and amplification 2—22412
  $LiNbO_3$, solid state hologram 2—17663
  $LiNbO_3$, thermally fixed holograms 2—38008
  $(NH_4)_2Cd_2(SO_4)_3$, ferroelec.- ferroelastic cryst., phase transformation mechanism 2—16291
  $(NH_4)_2Cd_2(SO_4)_3$, mechanism of ferroelec. phase transformation 2—33057
  $NH_4Fe(SO_4)_2$, Mossbauer spectral dip rel. to spontaneous polarization 2—6885
  $NH_4H_2AsO_4$, n.q.r, of ^{75}As, elec. field gradient tensor in paraelec. phase 2—10589
  $NH_4H_2PO_4$, lattice modes, internal vibrations, Raman spectra 2—16551
  $NH_4H_2PO_4$, phonon modes and phase changes, Raman spectra 2—20062
  NH_4HSO_4 and ND_4DSO_4, i.r. spectra, temp. range 285 to 17°K 2—20046
  $(NH_4)_2SO_4$, $(ND_4)_2SO_4$, Raman and i.r. spectral variations at T_c 2—22787
  $(NH_4)_2SO_4$, anomalous spin- lattice relax. at 4 K 2—26082
  $NaClO_3$, relation between phonon structure and phase transition 2—25930

Ferroelectric materials continued
- $NaH_3(SeO_3)_2$, e.p.r., external stress effects on unstable orientation 2—10514
- $NaNO_2$, electric field gradient and long range order parameter 2—25929
- $NaNO_2$, force consts. of NO_2^-, temp. depend. 2—6652
- $NaNO_2$, nonlinear optical coeffs., temp. depend. 2—19951
- $NaNO_2$, Raman spectra, two-phonon scatt., Curie pt. behaviour 2—6657
- $NaNO_2$, spt. ht. near antiferroelec. transition pt. critical exponents 2—9889
- $NaNO_2$, temp.-depend. phonon struct. in Raman spectra 2—9866
- $NaNbO_3$, phase transition, n.m.r. obs. 2—16661
- $NaNbO_3$, X-ray diffuse scatt., static model of one dimensional disorder 2—32469
- $Ni_3B_7O_{13}I$, ferroelastic-ferroelec.-ferrimag. cryst. 2—29756
- $(Pb, La)(Zr,Ti)O_3$ ceramics, linear electro-optic effect, modulator construct. 2—40354
- $(Pb,La) (Zr,Ti)O_3$ ceramics, pyroelec. props. 2—40366
- $(Pb,La) (Zr,Ti)O_3$ ceramics, optical and electro-optic props. 2—40616
- $(Pb,La)(Zr,Ti)O_3$ ceramics, domain switching 2—40355
- $(Pb,Sr)TiO_3$, hysteresis loops, time effects 2—36593
- $Pb_{0.92}Bi_{0.07}La_{0.01}(Fe_{0.405}Nb_{0.325}Zr_{0.27})O_3$, sputtered, ferroelec. memory performance 2—40356
- $Pb(Cd_{1/3}Nb_{2/3})O_3$, cryst. growth, permittivity, spontaneous polarization, temp. depend. 2—19768
- $PbFe_{1/2}(Mn_{1/2})Nb_{1/2}O_3$, spontaneous magnetoelec. magnetiz., destruction by mag. field 2—10251
- $PbMg_{1/3}Nb_{2/3}$, temp. dependence of dielectric props., relaxation polarization, diffuse phase transition 2—16292
- $PbMg_{1/3}Nb_{2/3}O_3$, elec. props. crystal and domain structure 2—1572
- $PbMg_{1/3}Nb_{2/3}O_3$, electro-optical effect anisotropy 2—10312
- $PbNb_2O_6$-$BaNb_2O_6$ ceramic system, dielec., piezoelec., and pyroelec. props. 2—29739
- $5PbO3GeO_2$, switching of optical rotatory power 2—40615
- $5PbO.3GeO_2$, elastic, piezelec. and dielec. constants 2—22617
- $Pb_{0.95}Sr_{0.05}(Ti_{0.48}Zr_{0.52})_3$, 0.8 wt.% Cr_2O_3, paraelectric to ferroelectric phase transition effect on dielectric and piezoelectric props. 2—1576
- $PbTiO_3$-$PbZrO_3$-$Pb(Zn_{1/3}Nb_{2/3})O_3$ system, ferro- and piezoelec. props. near morphotropic phase boundary 2—33058
- $PbTiO_3$, nonlinear optical props. 2—19953
- $PbTiO_3$, phase transition, spontaneous polarization, dielec. const., press. and temp. depend. 2—13319
- $PbTiO_3$, phase transition, Mossbauer effect, soft modes 2—36848
- $PbTiO_3$ ceramic, effect of additives on piezoelec. and related props. 2—36599
- $PbTi(Zr)O_3$, band gap determ. 2—1526
- $PbTi_{0.2}Zr_{0.8}O_3$, phase transitions, Mossbauer obs. 2—4001
- $PbZn_{1/3}Nb_{2/3}O_3$-$BaZn_{1/3}Nb_{2/3}O_3$- $PbTiO_3$, dielec. and piezoelec. props. 2—25937
- $Pb(Zr,Ti)O_3$ ceramic transducer, electromechanical coupling coeffs. 2—13326
- $PbZrO_3$, semicond., thermoelec. effect 2—25948
- $Pb(Zr_{1-x}Ti_x)O_3{:}Nb_2O_5$, cond. mechanisms rel. to oxygen activity and Ti conc. 2—4275
- $Pb(Zr_{0.65}Ti_{0.35})O_3$ with Nb_2O_5, oxygen depleted surface layers, ferroelec. field effect 2—40357
- $Pb(Zr_{1-x}Ti_x)O_3$, adiabatic depolarization, energy conversion 2—29748
- $Pb(Zr_xTi_{1-x})O_3$, ceramic, electromech. activity, morphotropic phase boundary 2—4280
- RbH_2PO_4, Brillouin and Rayleigh line intensities at transition 2—40697
- RbH_2PO_4, Brillouin scatt., soft mode behaviour 2—7083
- RbH_2PO_4, high temp. dielec. anomalies, phase transitions 2—9814
- RbH_2PO_4, high temp. phase transition and metastability 2—22624
- RbH_2PO_4, phase transitions, phonon spectra, Raman scatt. 2—16550
- RbH_2PO_4, u.s. absorp., near ferroelec. phase transition temp., critical effects 2—36341
- SbI_3 crystal, photoelectret state relaxation, space charge relocalization effect 2—6906
- SbSI, acoustic second harmonic generation 2—6666
- SbSI, critical phenomena, Rayleigh scatt. obs. 2—19769
- SbSI, cryst. growth and dielec. props. 2—25252
- SbSI, Curie temp., soft modes, Raman scatt. obs. 2—16564
- SbSI, density of states and refl. spectra 2—33059
- SbSI, ferroelectric and paraelectric states, internal field gradients 2—1567
- SbSI, injection currents and polarization charge accumulation 2—6822
- SbSI, phase transition, soft mode coupling, critical Rayleigh scatt. 2—16012
- SbSI, phase transition, long wavelength optical phonons, Raman spectra 2—16459
- SbSI, photopolarization 2—33060
- SbSI, piezoelectricity and electrostriction 2—19772
- SbSI, polarization instability 2—29753
- SbSI, polarization switching in two-phase coexistence region 2—10125
- SbSI, soft phonon couplings in press.-induced phase transition 2—19385
- SbSI, space charge limited current, influence on switching behaviour 2—29755
- SbSI, u.s. wave damping near phase transition, freq. depend., temp. depend. 2—29535
- SbSI crystal, adsorption of O_2, attachment levels, thermo-stimulated current 2—6805
- SbSI crystal, dielec. dispersion 2—29754
- SbSI phase transition, Raman spectroscopy of phonon instability 2—25924
- SbSeI, photopolarization 2—33060
- SbSi, phonon modes and phase changes, Raman spectra 2—20062
- $(Sr, Ba)TiO_3$ ceramic with boundary layer struct. for h.f. applic. 2—40346
- $Sr_{1-x}Ba_xNb_2O_6$, grown in Pt crucible, epitaxial Pt particle contamination 2—39579
- $Sr_xBa_{1-x}Nb_2O_6$, spont. polariz. and coercive field, hysteresis obs. 2—33061
- $SrTiO_3{:}Cr^{3+}$, domain struct. effect on fluoresc. 2—4494
- $SrTiO_{3-x}$ and $Ca_ySr_{1-y}TiO_{3-x}$, soft mode supercond. 2—19598
- $SrTiO_3$, critical behaviour near 105K 2—15974
- $SrTiO_3$, cubic-tetragonal phase transition, soft modes, Raman scatt. obs. 2—16569
- $SrTiO_3$, displacive transition, u.s. vel., stress effects and interaction parameters 2—32780
- $SrTiO_3$, displacive type transition, phonon freqs. 2—19305
- $SrTiO_3$, fluctuations and correlations for $T \geqslant T_c$, e.p.r. obs. 2—26266
- $SrTiO_3$, force consts., temp. depend 2—16003

Ferroelectric materials continued
- $SrTiO_3$, paraelectric state, field-induced switching of tetragonal domains 2—19755
- $SrTiO_3$, permittivity from zero to optic freqs. 2—40359
- $SrTiO_3$, phase transitions, critical dynamics for $T \geqslant T_c$ 2—25932
- $SrTiO_3$, top-seeded soln. growth 2—12696
- $SrTiO_3$, u.s. attenuation and vel., temp. depend., 105 K transition, phonon modes 2—9879
- $SrTiO_3$, u.s. props., anisotropy of phase transition 2—16022
- $SrTiO_3$ glass-ceramics, device applics. 2—40358
- β-$Tb_2(MoO_4)_3$, cryst. struct., and comparison with β-$Gd_2(MoO_4)_3$ 2—3735
- $Tb_2(MoO_4)_3$, transition, struct. and phase relns. 2—9340
- $TlB^{1}_{1-x}B^{11}_{x}O_3$, $B^{11}=W^{6+}$ or Mo^{6+}, $B^{1}=$ various cations, perovskite type synthesis 2—1573
- TlBr, static dielec. const., isochoric temp. depend., anharmonic interactions 2—19403
- TlX, (X=halogen) and mixed systems, ferroelec. precursor, dielec. props. 2—25933

barium titanate
- acoustic emission, during polarization reversal and phase transition 2—13030
- band structure, from diffuse refl. spectra 2—1526
- Brillouin-Raman spectra, temp. depend., soft optic modes, phase transitions 2—16525
- ceramic, decay of ^{99m}Tc isomeric transition, ferroelec. transition obs. 2—33056
- ceramic, reduced, Curie temp. lowering 2—19762
- ceramic with boundary layer struct. for h.f. applic. 2—40346
- conductivity, moisture and ageing effects, model 2—16286
- crystal growth, top-seed soln. growth 2—12696
- dielectric properties, temp. and heat treatment conditions depend. 2—16283
- dispersion characts. and freq. depend., 10^2-10^9 Hz range 2—6880
- domain structure, electron mirror microscope obs. 2—10120
- energy storage capability 2—33049
- ferroelastic, thickness of domain walls 2—16277
- film, prep. by reactive cathode sputtering 2—29028
- film, r.f. sputtered on Si, physical and elec. props. 2—40347
- force constants, temp. depend. 2—16003
- holographic patterns, fixation and erasure by electrical control 2—17662
- hydrolysis preparation, struct., dielec. props. 2—16676
- internal friction, bias field and vibr. amplitude influence near Curie pt. 2—29244
- ionic displacement, Curie temp., spontaneous polarization, press. depend. 2—13310
- permittivity, microwave freq. obs. 2—33046
- phase transition, soft vibration modes, vibronic interaction, dielec. obs. 2—16281
- phase transition, spontaneous polarization, dielec. const., press. and temp. depend. 2—13319
- phase transitions, 5°C and −90°C, ^{119}Sn Mossbauer study 2—29463
- powder, effect of adsorbed H_2O on dielec. props. 2—16282
- pressed powders, undoped, Sc_2O_3- and Ln_2O_3-doped 2—19761
- proton channelling, critical angles and min. yield 2—29573
- Raman scatt., temp. depend., linear disorder obs. 2—26188
- Raman spectra, linear disorder, paraelec. phase 2—20063
- solid solution ceramic, dielec. props. 2—16288
- state of the art 2—13313
- surface layer, X-ray diffr. obs. under d.c. electric field 2—16275
- surface potential, H_2O vapour effects 2—16285
- switching processes in low temp. phases 2—29752
- thermodynamic theory, book 2—13314
- Al_2O_3 additive effects on dielec. props. and densification 2—16284
- $Ba_xSr_{1-x}TiO_3$ substrate for CdSe film, I-V characts., supersonic carrier drift vel. 2—19416
- $BaTiO_3{:}Nb$, dielectric const., temp. and freq. dependencies, rel. to grain growth 2—1568
- $BaTiO_3{:}Nb$, Nb distrib. rel. to grain growth 2—1269
- $BaTiO_3{:}Nb$ ceramics, small- grained and large-grained, preparation 2—3968
- $BaTiO_3{:}Nb$ crystal, dielec. and optical props., prep. and substitution effect 2—16287
- $BaTiO_3$-$BaZrO_3$ ageing, ferroelec. hysteresis study 2—29401
- $BaTiO_3$-$FeTiO_3$-Ta_2O_5, effect of nonisovalent replacement Ti^{4+} on electro-optical props. 2—16426
- $BaTiO_3$-$FeTiO_3$, effect of nonisovalent replacement Ti^{4+} on electro-optical props. 2—16426
- $BaTiO_3$-Ta_2O_5, effect of nonisovalent replacement Ti^{4+} on electro-optical props. 2—16426
- $Ba(Ti_{0.95}Zr_{0.05})O_3$ ceramic plates, surface wave propag. characts. 2—19408

Ferroelectric phenomena
- 'ice' models, analytic properties of free energy 2—33937
- bibliography, April-June (1971) 2—13312
- bibliography, July-Sept 1971 2—29750
- capacitor, noise and impedance meas. in d.c. field 2—33055
- charge carriers, effect on behaviour 2—16276
- circle theorem for ice-rule ferroelectric models 2—1570
- critical dynamics and nucl. spin-lattice relax. 2—10258
- critical polarization fluctuations near phase transition 2—36590
- displacive phase transitions, soft mode phenomena 2—13017
- double hysteresis loops and first order phase transitions 2—36589
- ferroelastic relationship 2—3828
- history up to (1943) 2—13309
- hysteresis loop, coercive field, domain shape effect 2—13311
- ionic displacement, Curie temp., spontaneous polarization 2—13310
- light value arrays for optical memories 2—40335
- phase transition, rel. to classification of dielec. transitions 2—12989
- phase transition of second kind, three- dimensional model 2—22621
- phase transition region, effect of collective interaction of dipoles on dielec. dispersion 2—16256
- phase transition soft vibration modes, vibronic interaction 2—16281
- phase transitions, Landau, theory 2—19760
- phase transitions, low temp., elec. quadrupole moments 2—10118
- phase transitions, phonon approx. 2—22392
- phase transitions, soft modes and critical fluctuations 2—15952
- phase transitions, vibronic model 2—16278
- scattering mode ferroelectric-photoconductor image storage and display devices 2—21172
- self consistent effective field theory 2—19757

Ferroelectric phenomena continued
  soft mode Raman spectroscopy, coupled modes 2—15995
  symmetry and phase transitions 2—19759
  thermodynamic theory, book 2—13314
  $BaTiO_3$ film, r.f. sputtered 2—40347
  Te film, on TGS substrate, ferroelec. field effect temp. dependence 2—36517
Ferroelectricity *see Phase transformations/solid state; Plastic deformation*
Ferromagnetic relaxation
  magnon relax. on dislocations in uniaxial magnets 2—6951
  Li ferrites, of Co^{2+}, disordering effects 2—36971
Ferromagnetic resonance
  see also Ferrimagnetic resonance; Ferroacoustic resonance
  crystal containing point defects, linewidth, theory 2—7109
  domain struct. influence on gyromag. reson. 2—33331
  ferrite, film spectrum of surface magnetostatic waves 2—1721
  ferrite, Mn-Fe, size effects 2—4533
  ferrite, polycrystalline, anisotropic 2—26254
  film, dynamic micromag. effects 2—40742
  film, dynamical pinning and spin wave reson. 2—10466
  film, infinite, guide-curve theory for spin wave freqs. 2—40738
  film, standing spin wave reson. of diffusion and coupling between films 2—40502
  film, static micromag. effects 2—40741
  film, with asymmetric boundary conditions 2—26255
  frequency shift in radiation field 2—30000
  inhomogeneous demagnetization field effect 2—4530
  insulator, coupled photon-magnon-phonon modes 2—10185
  Invar films, spin wave dispersion coeff. obs. 2—40744
  low temperature measuring system 2—27374
  manganese ferrite, coated sphere, anisotropic power absorpt. 2—20128
  metal, linewidth anomalous contrib., analogy to anomalous skin effect 2—10465
  nonlinear, instability, effect of specimen shape anisotropy 2—4531
  nonlinear, spin-wave amplitude limitation 2—1723
  nonlinear, spin-wave amplitude limitation 2—1722
  oxide film, rel. to stress model 2—22069
  Permalloy film, intrinsic reson. linewidth 2—20126
  Permalloy film, parallel reson. linewidth, temp. depend. 2—40743
  permalloy film, spin-wave resonance fields, linewidths and intensities 2—13527
  Permalloy films, spin wave reson. linewidth depend. on thickness 2—7111
  permeability meas. of films from change of complex reflection coeff. in steady and h.f. magnetic fields 2—34301
  plate, infinte, effect of anisotropy on spin wave modes 2—40740
  plate, magnetized parallel to its plane, theory 2—20125
  thin film, stabilization of weak magnetic field 2—17529
  transition metal, reson. spin wave damping by cond. electrons 2—40739
  Co-Pd-Si alloy, amorphous, g-values and magnetiz. 2—7110
  Dy, microwave absorpt., magnetoelastic effects 2—22820
  $Er_2EuGa_{0.7}Al_{0.7}Fe_{3.6}O_{12}$ films, growth-induced anisotropy obs. 2—40523
  Fe-Ni films, exchange const. determ. from standing spin wave reson. 2—10467
  Fe-Pt alloy film, spin wave resonance 2—10468
  FeGe, cubic ferromagnet, origin of g-value in resonance line obs. 77-290 K 2—7112
  Gd, microwave mag.-transmission reson. 2—36969
  $Gd_3Fe_{5-x}Ru_xO_{12}$, anisotropy and linewidth 2—36970
  K, spin wave transmission, 120 GHz 2—40745
  $MnFe_2O_4$, $MnCoFe_2O_4$, $MnFe_2O_4+0.16(Mn_3O_4)$, spin echo of ^{55}Mn nuclei in local fields 2—4532
  $Mn_xFe_{3-x}O_4$, ferrite, size effects 2—4533
  $Mn_xFe_{3-x}O_4$ ferrites, linewidth broadening, independent cluster model 2—20127
  $Mn_{1\|x}Sn$, polycryst., anisotropy consts., 120-273 K 2—10469
  Na, spin wave transmission, 120 GHz 2—40745
  Ni, plastically deformed, line broadening 2—36972
  Ni film, amorphous, spin wave reson. and stress effects 2—20129
  Ni film, microwave helicon- magnon interaction 2—16382
  Tb, mag. field rot. depend. 2—40746
  YIG films, spin wave band, signal edge obs. 2—40747
  YIG heteroepitaxial film, verification of stress model 2—22069
Ferromagnetics *see Magnetic properties of substances/ferromagnetic*
Ferromagnetism
  see also Antiferromagnetism; Exchange interactions; Ferrimagnetism; Ferromagnetic relaxation; Ferromagnetic resonance; Heisenberg models; Ising lattices and models; Magnetic properties of substances/ferromagnetic; Magnetization process; Magnetization state; Metamagnetism; Superparamagnetism
  alloy, atomic ordering, phase transitions, spontaneous magnetization, stress effects 2—4369
  B-site spinel, Weiss molecular field theory 2—36679
  Bloch wall, 180°, distortion by inhomogeneous magnetic field 2—4355
  Bloch walls, elastic scatt. of cold neutrons, domain structure 2—29811
  coherent magnetoelastic effects, ferromagnet with weakly bonded impurity spins 2—40498
  critical behaviour in multicomponent systems, high temp. series expansions 2—5157
  critical phenomena, perturbation theory, scaling and spherical model 2—37640
  critical phonon attenuation exponent near transition point 2—9872
  critical spin fluctuations, mode-mode coupling 2—13379
  Curie temperature, classical-spin biquadratic exchange 2—19870
  Curie temperature, second order phase transition, thermodynamic approach 2—19821
  deviated ferromagnetic phase, field induced phase transition in two-sublattice uniaxial antiferromagnet 2—26056
  disordered system, magnetiz. 2—26004
  domain structure 2—19857
  domain structure dispersion in polyaxial system 2—26028
  Dzialoshinsky- Moriya type ferromagnet, spin flop weak ferromag. transition 2—19874
  easy-axis magnet, critical dynamics, nonlinear effects 2—22671
  electron gas, effect of exchange interactions on the dielectric response 2—19847
  e.m. field and power losses calc. in ferromagnetic materials 2—4365
  equivalent complex permeability rel. to alternating mag. field and magnetization curve shapes 2—13396
  ferrite, polycrystalline, susceptibility tensor, ellipsoids of rotation 2—4351
Ferromagnetism continued
  film, Bloch walls, two-dimens. approx. 2—40504
  film, inhomogeneous, Bloch wall creeping, wall energy, wall coercivity 2—19859
  film, phase transition, molecular field theory 2—40433
  finite plate, bubble domain behaviour, calc. 2—22678
  Heisenberg, three dimensional, Green's function decoupling approx., critical point exponents 2—26008
  Heisenberg anisotropic classical ferromagnet, phase transitions 2—36671
  Heisenberg chain, finite linear, ground state energies 2—26011
  Heisenberg ferromagnet in two dimensions, reply to criticism of first order Green's function theory 2—33121
  Heisenberg isotropic mag. Stanley Kaplan phase transition study 2—13382
  Heisenberg lattice films, susceptibility and sp. ht. 2—40424
  Heisenberg magnet, anisotropic, Dembinski decoupling scheme calcs. 2—36684
  Heisenberg magnet, Callan decoupling approx., longit. spin correl. function 2—19846
  Heisenberg magnet, critical pt. scatt. and spin-spin correls. 2—26018
  Heisenberg magnet, critical scatt. 2—40425
  Heisenberg magnet, decoupling scheme in paramag. region 2—36663
  Heisenberg magnet, dynamic scaling 2—10178
  Heisenberg magnet, Green's function technique and standard-basis operator method 2—19483
  heisenberg magnet, long range order and phase transitions 2—16359
  Heisenberg magnet, modified Callan decoupling in Green's function analysis 2—10184
  Heisenberg magnet, self-consistent Monte-Carlo method 2—16358
  Heisenberg magnet, spin 1/2, diagrammatic approach 2—10188
  Heisenberg magnet, spin-one, biquadratic exchange 2—40435
  Heisenberg magnet, thermodynamics in applied mag. field 2—19849
  Heisenberg magnet, two-dimens. spin-1/2, exchange-energy consts. 2—40436
  Heisenberg magnet, uniaxial, anisotropy consts. near Curie pt. 2—13381
  Heisenberg magnet with ferromag. impurities, Green's function theory, decoupling scheme calcs. 2—36685
  Heisenberg model, effect of a surface on low temp. properties 2—19839
  Heisenberg model, equation of motion decoupling for the Green function 2—29806
  Heisenberg model, ferromag. stability and elementary excitation, Green function method 2—16363
  Heisenberg model, magnetization and susceptibility 2—29807
  Heisenberg model, two-time Green's function method 2—19851
  Hubbard model, collective excitations 2—26012
  Hubbard model, localized moments form. 2—36399
  Hubbard model, mag. order 2—40426
  Hubbard model, narrow conduction zone, ground state energy 2—40428
  Hubbard model, one-dimens. half-filled-band, thermodynamic props. 2—22670
  Hubbard model, one-dimensional at finite temperature 2—26013
  Hubbard model, partition functions calc. using functional integral method 2—26019
  Hubbard model, single hole propag. 2—36400
  Hubbard model, tenfold d-electron degeneracy, para-ferromag. transition in transition metals 2—36676
  hydrodynamic description 2—10180
  Ising, spin half, elec. resist. in critical region 2—25759
  Ising ferromagnet, hypercubical critical exponent in high density limit 2—40432
  Ising ferromagnet, three dimens., sp. ht. above Curie temp. 2—40429
  Ising ferromagnet with arbitrarily extended attractive interaction, definition of surface tension 2—23287
  Ising ferromagnets, densy of zeros on Lee Yang circle 2—1608
  Ising magnet, equil. states in two-phase region 2—26016
  Ising magnet, inequalities 2—26015
  Ising magnet, one-dimens., spin orderings 2—26010
  Ising magnet, scaling interaction, critical exponents 2—26017
  Ising magnet, spin-1/2, const. coupling approx. 2—36677
  Ising model, anisotropic, critical behaviour 2—16355
  Ising model, binary mag. alloy, av. mag. moment per spin at 0 K detn. by computer simulation 2—16351
  Ising model, dilute system, cluster expansion 2—6954
  Ising model, effect of pair-correlations on phase transition, double-time Green's function approach 2—16361
  Ising model, generalized, magnetization and susceptibility 2—16360
  Ising model, three-dimensional with four-spin interaction, solution and critical behaviour 2—26014
  Ising model, two-dimens., critical indices, spin depend. 2—16354
  Ising model with antiferromag. next-nearest-neighbour coupling, mag. scatt. intensity 2—36753
  Ising models with nearest neighbor interactions, equality between spontaneous magnetization and long range order 2—19840
  Ising spin systems, uniqueness of equilibrium state 2—26005
  Ising systems of triplet ions with zero field splittings, transition obs. 2—36670
  isotropic ferromag., inelastic ultracold neutron scattering 2—19039
  itinerant electron model, magnetiz. press. depend. 2—19845
  itinerant electron model, stability of saturated and unsaturated states 2—36680
  itinerant magnet, high temp. entropy and sp. ht. 2—10183
  itinerant magnet, stiffness const., low temp. and critical behaviour 2—16362
  itinerant theory, Zener like model, Hund's rule coupling 2—13384
  layer-type magnets, weakly anisotropy, transition temps. rel. to anisotropy 2—22682
  linear chain of spins, in inhomogeneous field, energy spectrum calc. 2—36672
  local molecular field and magnetism 2—26020
  low dimensional system, e.p.r. line broadening 2—20130
  magnetization, energy change effects 2—33138
  metal and alloys, magnetic-after effect, domain struct. 2—19860
  metals electronic contrib. to Faraday effect, obs. using 230 and 330 keV photons 2—7030
  narrow band solid, s-d hybridization 2—6955
  narrow-band solid, Hubbard Hamiltonian, model calcs. 2—29804
  n.m.r. properties, nonmetallic type 2—33346
  non-metallic crystals, spin wave conductivity 2—19844
  nondegenerate parametric system, excitation by biharmonic pumping field 2—16642

Ferromagnetism continued
one- and two-dimensional Hubbard model, nonexistence of magnetic ordering 2—10179
ordered crystal, critical fluctuations near transition point 2—6956
perfect cryst., zero temp. analysis 2—10187
plate, magnetization oscillations 2—13394
self consistent effective field theory 2—19757
skin effect, equation for plane-parallel plate and ferromag. cylinder 2—36435
spin diffraction parameter, neutron scatt. obs. 2—4358
spin flip processes, rel. to metal-nonmetal transition 2—6708
spin systems, application of classical Bogoliubov inequality 2—2168
spin-spin relax. in zero field exchange narrowing limit 2—40575
spinels, with two types of mag. ion, magnetization curves, Curie points 2—40460
and superconductivity, coexistence 2—19563
susceptibility, asymptotic behaviour, high temp. series 2—37630
three-axial system, domain boundary struct. 2—36697
two magnon Raman scattering, at finite temps. 2—16516
uniaxial magnet, field dependent transition, theory 2—4349
uniaxial magnet, ground state and low-temp, weak-field thermodynamics 2—6949
uniaxial magnet, Landau theory of second-order transitions 2—6952
uniaxial magnet, magnetiz., deviations from saturation and phase changes 2—36678
vibrating sample magnetometer for magnetic properties meas. 2—14369
vibrations, ferromagnet without symmetry centre, quantum theory 2—40438
Watson integrals, eval. method 2—1609
weak, Dzialoshinski-Moriya type, field induced magnetisation reorientation 2—4400
weak itinerant limit, validity range of Landau theory of phase transitions 2—40431
zero field susceptibility, high temp. series, three dimensional lattices 2—37631
Fe, de hass-van Alphen effect, rel. to Fermi surface 2—25753
Fe suspended in toluene, dispersion by electro-condensation 2—28908
α-FeOOH, natural crystals and polycrystalline goethite 2—1614

spin wave theory
see also Spin waves
amorphous system, long wavelength spin waves 2—33120
band model, wave propag. in static ground state distrib. of electrons 2—36675
charged mag. dipole, electrodynamics, derivation of spin concept from Bloch eqns. 2—13383
complex structure, elementary excitation spectra 2—22673
damped magnet, effective spin spin interactions 2—33349
dipole- dipole interactions, thermodynamic props. 2—6957
dipole-dipole interactions, correl. functions 2—6958
film, asymmetric boundary conditions, spin wave resonance 2—26255
film, thin, surface inhomogeneity model 2—1637
film with mag. defects, wave spectrum 2—29822
Heisenberg, dilute anisotropic, stability, critical cond. 2—19842
Heisenberg alloys, disordered, CPA analysis 2—10182
Heisenberg ferromag., spin-phonon interaction, magnon scatt. 2—26006
Heisenberg magnet, cubic, impurity modes 2—19841
Heisenberg magnet, kinetic eqn. and spin wave damping below T_c 2—36674
Heisenberg magnet, scatt. theory 2—10181
Heisenberg magnet, spin-one, magnon dispersion relation 2—40435
Heisenberg magnet, surface waves, anisotropy and next-nearest-neighbour coupling 2—19850
Heisenberg spin system, one-dimensional, Greens function formalism 2—33122
instability of monochromatic standing wave under parallel pumping conditions 2—33119
insulator, coupled photon-magnon-phonon modes 2—10185
insulator, magnon-phonon interaction 2—36338
itinerant electron magnet, four-magnon relax. 2—36673
itinerant electron model, electron-magnon interaction 2—40427
linear chain model, localized and virtual magnetoelastic states 2—16356
local magnons, Raman and neutron scatt. 2—22669
magnetoelastic coupling, dynamic, theory and applications 2—26045
magnon drag contrib. to thermoelec. power 2—1580
many-band model, wave correls. 2—10176
metallic system, dynamical susceptibilities 2—19853
modified Ising chain, statistics 2—29802
perfect cryst., zero temp. analysis 2—10187
permalloy film, spin-wave resonance fields, linewidths and intensities 2—13527
plate, infinite, effect of anisotropy on spin wave modes 2—40740
polarization of cond. electrons, applic. to Pd 2—1632
spin susceptibility in nearly- ferromagnetic Fermi systems, temp. depend. 2—36682
surface waves, pseudohelicoidal 2—10186
uniaxial magnet, energy corrections, Wallace stat. perturbation method applic. 2—6950
uniaxial magnet, magnon relax. on dislocations 2—6951
uniaxial magnet, spin-deviation reference state 2—6949
uniaxial tetragonal magnet with pseudodipolar spin coupling, free-particle approx. 2—10174
f.c.c. lattice with variable second-neighbour interactions, density-of-states spectra 2—22463

Ferromagnets *see Magnetic properties of substances/ferromagnetic*

Feynman diagrams *see Field theory, quantum/interactions*

Fibre optics *see Fibres/optical*

Fibres
acrylic, heat treated, meridional peaks in X-ray small angle scatter pattern 2—9221
aerosol filtration, bu ultra thin fibres, role of Brownian motion 2—1125
aerosol filtration, liquid layer formation 2—28910
carbon, and glass reinforced epoxide and polyester resins, dynamic properties 2—3832
carbonized polymer fibers, low angle electron scattering, surface structure 2—22058
chrysotile asbestos, microstruct., high resolution electron microscope obs. 2—3716
composite, anisotropic, elastic coeffs. 2—36089
composite, anisotropic plates, wave surfaces due to impact 2—36099

Fibres continued
composite, disconinuous, fatigue crack propag. 2—36163
composite, graphite/epoxy, mixed mode fracture 2—36164
composite, linear fracture mechanics applic. 2—36162
composite, notched, tensile strength 2—36134
composite, stress conc. factors near discontinuity 2—19173
composite, two elastic concentric cylinders, resilience rel. to fibre content 2—36106
composite, ultimate strength degradation 2—36135
composite, unidirectional, elastic-plastic analysis for longit. loading 2—36109
composites, strength at angle to fibre axis 2—36136
debond testing, using acoustic emission detector system 2—6628
fibrous polymers, paracrystalline structure, X-ray study 2—28979
glass, clad, stress-optical coeffs., Tardy's method 2—33198
glass, distinguishing between 'A' and 'E' type, microscope obs. 2—39963
glass, elastic, strength and treatments for enhancement 2—36263
glass, Gd^{3+} activated, e.p.r. obs., struct. 2—10521
glass, in composite, mech. strength 2—39805
glass, mechanical strength, effect of vibrations 2—19195
glass, viscosity meas., torsional method 2—1291
glass filaments, type E, stress corrosion cracking mechanism 2—39843
glass rod, tensile strength, effect of surface softening 2—39804
glass-epoxy resin specimens, mechanical properties 2—3890
graphite, oxidation-resistant, for use in composites 2—39965
graphite, row nucleation of polypropylene 2—9231
graphite, strength and modulus of elasticity meas. method 2—25541
graphite fibre-epoxy resin composite, tensile fracture due to internal reverberation 2—36167
high modulus, formation by SiC deposition during film boiling of chlorotrimethylsilane 2—1152
metal, porous, pressing and sintering, deformation, residual stress relaxation 2—29257
metal composites elevated temperate morphological stability, coarsening behaviour 2—1383
mineral, for reinforcing thermoplastics 2—39964
polyethylene terephthalate, texture rel. to tension and annealing temp. 2—15642
polymer, crystalline, plastic deformation, morphology, X-ray small angle scatt. obs. 2—3462
polymer, irradiated, straining. crystalline regions, radicals, e.p.r. obs. 2—15846
polymer, plastic deformation, fracture, chain scission 2—15845
polymer, strength rel. to mol. wt. and struct. 2—15643
polymeric, reaction-rate model for fracture 2—3911
polystyrene, isotactic, strain-induced crystn. 2—3479
porous absorbents, sound propag. 2—34172
propagation analysis infibrous absorbents 2—5229
pull-out, from an elastic matrix 2—15943
refractory, bonded to ceramics to improve thermal properties of latter 2—3967
refractory ceramic fibres, prod., applications 2—39950
reinforced composite, Al/C, production and tensile strength 2—29282
reinforced composite, load absorption by discontinuous filament 2—19284
reinforced composite, mech. props. 2—39962
reinforced composite, plasma-sprayed alumina, mech. props. 2—36264
reinforced composite, steady shock waves, Hugoniot 2—25489
reinforced composite, steel/epoxy resin, multiple fracture 2—32649
reinforced composite, tensile creep, theory 2—15848
reinforced composite, transverse deform. 2—19283
reinforced composite, W/Cu, etch pit study of dislocation distrib. 2—15946
reinforced composites, strength, bounding approach 2—36133
reinforced composites transversely isotropic, stress channelling 2—19285
reinforced metal matrix composite, fatigue, repeated tensile load 2—22282
sapphire, 0° filament tensile behaviour, 25-1325°C 2—39806
satellites, gravity-gradient stabilization systems 2—20452
specific surface and mean diameter obs. rel. to composite prod. 2—19282
X-ray scatt., small-angle equatorial, direct analysis, Patterson function and intensity 2—3611
Al-Al$_3$N, metal matrix fibre composite, elevated temperate morphological stability, coarsening behaviour 2—1383
Al$_2$O$_3$, filaments, strength, surface damage effect 2—19192
C, 'Grafil A', tensile strength, Young's modulus, rel. to dia. 2—36137
C, coated with pyrolytic graphite, sp. strength, anti-oxidability, elec. resistivity 2—25610
C, composite, flexure and shear strength, oxidation effects 2—36266
C, composites, general survey 2—1381
C, fine structure, electron microscope obs. 2—9461
C, K intercalation, multiple small angle X-ray scatt. 2—3700
C, neutron irradiation, strength, Young's modulus, struct. 2—19193
C, obtained by thermal decomp. of vaporized hydrocarbon, struct. and props. 2—36265
C, oxidation-resistant, for use in composites 2—39965
C, polacrylonitrile based, strength and non-Hookean behaviour 2—3852
C, polyacrylonitrile-based, electronic props. 2—13266
C, polyacrylonitrile based, structure and other properties obs., using e.p.r. 2—6289
C, reinforced plastics, NDT using u.s. reson. method 2—32658
C, reinforcement of thermoplastics, tribological characts. 2—1336
C, structure, high resolution elec. microscopy 2—9459
C, surface props., adsorption of Kr 2—3494
C, turbostratic, disordered regions, X-ray scatt. obs. 2—3976
C, ultrafine struct., phase contrast microscopy 2—9460
C, wetted fibre area change, electrochem. evaluation 2—12644
C tensile strength, effect of fast neutron irrad. 2—9683
Li-Na-Si glass, partially crystallized, surface protuberances, spontaneous deformation phenomena 2—12629
Na$_2$O-B$_2$O$_3$-SiO$_2$ glass, quick loading tensile strength, comp. depend. 2—19194
NbC reinforced Co-Fe-Ni eutectic system, directional solidification, soft magnet 2—3438
Nd:glass fibre laser, regular pulsations of intensity of stimulated radiation 2—37987
Ni, reinforcement of MgO, strength, fracture toughness 2—39814
TaC reinforced Co-Fe-Ni eutectic system, directional solidification, soft magnet 2—3438

optical
advanced sonar recording techniques, fibre optic cathode ray tubes 2—27629

Fibres continued
optical continued
baseband frequency response of multimode fibres 2—38126
bifurcated bundles for sensing sector slots on rotating mag. disk pack 2—31124
bromobenzene liquid core hollow fibres, optical transmission loss 2—21168
bundles, measurement of contrast transfer coefficients 2—38110
bundles, pulse distortion 2—2457
cinematography for obs. of female reproductive organs 2—26960
collector and channel transmission capacity 2—38107
conical, Selfoc, ray tracing in 2—34534
contrast transmission coeff., main groups of factors in determination 2—17716
Crofon light guides, polymethyl methacrylate, bends to radius of curvature of five times own diameter 2—17712
cryostat system applic. 2—20776
diameter measurement during drawing, optophotoelectric sensor 2—38097
dispersion in cladded glass fibres, delay distortion 2—2456
endoscope, flexible, medical use and diagnostic procedures 2—26958
faceplate for Si diode array camera tube 2—31155
faceplates of CRT's, structure related noise 2—38109
flexible glass, mechanical properties 2—34536
glass, angular distribution of scattered light det. 2—38124
glass, dielectric waveguides, birefringent props 2—17714
glass, low loss, for optical communication transmission lines, recent developments 2—38105
glass, low-loss, det. of absorption losses of bulk material from which fibres are to be drawn 2—34531
glass, low-loss, picosecond pulse distortion 2—17713
glass, material dispersion, bandwidth limitation 2—27628
glass, pulsed propagation from laser, evaluation of communication potential 2—31122
glass, Raman oscillation obs. 2—17618
glass, single and multimode, launching and collection systems 2—31123
glasses low loss, absorption and scattering 2—38111
information convertors 2—27630
integral transform and Fourier transform 2—14462
laryngoscopic fibrescope, obs. of articulatory movements in speech 2—5072
light conduction and image formation, theory 2—321
light emitting line elements for dynamic display of abstract visual perspective 2—31125
light guide, use in simultaneous recording of several light pulses 2—34532
light guides, recent developments 2—2458
liquid, operation and electrically controlled bending, light deflectors 2—31117
liquid core quartz fibre, optical transmission loss 2—31120
Mie scattering by spherical particles in low-loss glass for optical waveguides 2—7988
mode dispersion in low loss multimode fibres meas. 2—38125
nonuniform refractive index fibre, mode propagation 2—31121
oscilloscope cathode ray tubes with fibre optic faceplate 2—34324
power coupling efficiency between GaAs injection lasers into core of 2—34533
probe, water cooled, for spectrally resolved radiation obs. 2—27311
recent developments 2—38106
rectangular for coupling semiconductor lasers 2—38005
scanning TEM_{00} mode laser beam through SELFOC fibres 2—31118
SELFOC, e.m. wave optics 2—2301
SELFOC, light focusing fibre guide, lens and laser beam guide applic. 2—17717
sputtered glass waveguides, properties meas. 2—38115
super multifibre lightguides, structural and output image qulaity 2—38108
techniques for transient microwave breakdown of air at low pressure 2—32133
technology and its potentialities 2—34535
transmission characteristics of selfoc 2—8011
transmission lines, Al-GaAs electroluminescent diode source 2—29991
transmission loss meas. for liquid core, hollow glass fibre clad waveguides 2—38123
ultrasonic diagnosis, A- to B-scan conversion device 2—41308
unclad quartz, loss obs. 2—38122
u.s. scanner, production of three-dimensional images 2—17111
wave launching and propagation in mono- and multi-mode fibres with imperfections 2—38121
waveguides, apparatus for obs. of mode cut-off wavelengths 2—2306
waveguides, prep. and props. of low loss glasses 2—34537
waveguides for communication systems, review of theory 2—38120
SiO_2, materials testing, total optical absorp. of bulk fused silica 2—33190
Field emission *see Electron emission/field emission*
Field emission microscopes *see Electron microscopes; Ion microscopes*
Field ion microscopy
adsorbate visibility 2—6364
atom probe, time-of-flight spectrometer combination 2—3960
atom probe field ion microscope, image gas specimen surface interaction 2—9427
atom-probe, field ionization, time depend. 2—3487
biological molecules, imaging mechanism 2—15709
field ionization enhancement by field adsorption of inert gas atoms 2—13363
grain boundary structure 2—19108
halo effect, solid solutions 2—12963
image projection, surface-image point correspondence, plane trace analysis 2—5338
interface topography reconstruction in atomic detail 2—9239
ion current, angular distrib., emitter geometry 2—5337
metal, surface plasmon excitation applic. 2—16123
metal, surface plasmon spectrum applic. 2—16122
metal tip shape, field evaporated, b.c.c. and f.c.c. metals 2—6322
microscope combined with quadrupole mass analyzer and energy analyzer 2—39624
resolution, effect of temp., tip curvature, and imaging gas 2—28995
self-imaging of a surface by field desorption 2—18918
surface microtopography, application 2—6307
techniques, theory and applications 2—29130
Al film 2—35885
Al_2O_3 film, plasma-anodized 2—35885
Au, noble gas imaging, artifact vacancy conc., degree of disorder 2—6415
Au, vacancies, surface, formation, migration 2—6326
Field ion microscopy continued
Cl_2, adsorption, reaction, on Ti 2—9307
Cu-Au alloy, ordering 2—12723
Fe-(1.4at.%)Cu alloy, annealing, clustering and precipitation, atom probe obs. 2—3960
Fe-Mo alloy, nitrided, precipitate comp. determ. 2—12969
Mo film, chemically vapour deposited 2—22073
Ni_4Mo, antiparallel twins, obs. 2—22216
Ni_4Mo alloy, ordering process during isothermal annealing 2—36294
Ni_4W, peritectoid growth 2—13006
Pt film, vapour deposition on emission tip substrates 2—12663
Ta-(1.53at.%)C, crystal struct., interstitial ordering 2—9493
Ti, H-ion microscopy 2—25182
W, anomalous images, 78 K 2—25184
W, field ionization characts. of individual atomic planes 2—3503
W, investigation of radiation damage by low energy Ar ions 2—39676
W, large anlge grain boundaries, atomic struct. 2—12736
W, tip, ion irrad., effects on surface 2—29010
W, transition metal adatom binding energy obs. 2—29071
W film, chemically vapour deposited 2—22073
Field theory, classical
see also Electromagnetism; Gravitation; Relativity
bivectorial and spinorial fields, energy- momentum tensor 2—27042
current vector field associated in coordinate-free way 2—2068
dynamical systems, inverse Noethers theorem, simple proof presented 2—17284
Earth, two dimensional potential fields, fundamental functional equation and a nonlinear method for the analytic continuation 2—26454
e.m. field, variational calculus formulation 2—17463
gravitational potential, representation by means of difference from Earth's spheroidal potential 2—20223
gravitational-scalar field coupling, particle-like solutions 2—5128
isoperimetric variational problems 2—17184
Lie algebras, textbook 2—32
macroparticle in inherently central field, min. ang. momentum 2—5126
macroparticle trajectories, field dynamical equil. 2—5127
Maxwell's generalized eqn., from e.m. field theory 2—23425
new invariance property of tensorial functions of field variables ϕ_a 2—7645
Noether's theorem, generalization within Lagrangian formalism 2—23243
null plane, introduction from first principles 2—8059
planetary motion, disturbing function, expansion by binomial and Laplace series 2—20678
potential of three dimensional static field, exp. det. for given distribution of normal derivative on plane, analogue method or modelling 2—20818
probability distributions, space time formulations for dynamics 2—17186
projective field theory, axialsymmetric stationary solns. 2—7653
space station orbit calculations round an oblate Earth, first order soln. 2—20445
variational principles and generalized potentials 2—118
Field theory, quantum
see also Bethe-Salpeter equation; Brillouin zones; Bootstrapping; Chirality; Dispersion relations; Elementary particles; Lee model; Perturbation theory; Physics fundamentals; Quantum theory
$(:0^{2m}:g(x))_2$ field theories and perturbation series, approx. vacuums 2—8063
φ^2 theory, renormalization of Hilbert space in mass shift model 2—34573
φ^3 theory, eikonal approx. to vertex function on mass shell 2—350
$(\varphi^4)_4$-wavepackets 2—2493
almost local fields, timelike asymptotic series 2—11551
axiomatic, expansion of casual distributions, generalized equal-time commutators 2—17798
axiomatic, properties of physical symmetries 2—2498
axiomatic field, low energy $\pi\pi$ models 2—5543
axiomatic theory, application to low energy $\pi\pi$ scattering 2—11622
Bjorken asymptotic expansion for non- integer powers 2—11555
Bludman-Rudermann model, signal propagation 2—17768
book, lectures in mathematical physics 2—37569
canonical commutation relations, continuity for measure-space realization 2—2059
canonical commutation relations, representations in $(\varphi^4)_3$ model, independence of space cutoff 2—17764
charged Bose field, massive relativistic, localisation 2—5467
chiral Lagrangian, nonlinear, perturbation series, chiral multiloops 2—11553
chiral Lagrangian, superpropagator, perturbation series 2—23757
chiral symmetric pion Lagrangian, perturbation series check of Ward identity 2—23758
chiral theories, nonpolynomial approach 2—17767
closed linear algebra of currents and baryon interpolating fields 2—17791
commutators near light-cone, scaling functions and their analytic continuation to the annihilation region 2—14503
complex mass, clarification of a new conjugation 2—2491
composite field operators, directional dependence 2—11549
compositeness, proof of Z=0 condition 2—17788
conformal covariant operator product expansions 2—31161
conformal invariant field theory calcs. on bootstrap relations 2—38196
conformally invariant actions, construction using extra scalar field 2—349
cosmic field, universal regulator from Goldstone's theorem 2—8081
coupling constant, numerical study of analyticity 2—31163
coupling constants specification and inbuilt cut offs specification for Lagrangians as finite field theories 2—27691
covariant diastrophic 2—31166
current commutators, nonforward matrix element behaviour near light cone 2—346
currents, model of symmetry breaking, divergences of vector and axial vector currents 2—17779
currents, scaling behaviour 2—8090
degrees of symmetry 2—23762
dilatational and dimensional transformations 2—31171
eikonal approximation, light cone techniques 2—34581
Einstein relativistic, particle motion, consideration of diffused and localized electric charge 2—20831
Einstein-Rosen metric, class of exact solutions for coupled electromagnetic and scalar fields 2—23765
electromagnetic form factor, asymptotic behaviour, eikonal approx, vector gluon model 2—14507
e.m., uncertainty states $|\gamma>$ and states $|\eta>_p$ 2—8091
energy-momentum tensor, condition for softness of trace 2—341
energy-momentum tensor, examination in nonrelativistic limit 2—21193

Field theory, quantum continued
equal-time commutators among generators for broken comformal and internal symmetries 2—14520
equations curl $W_\mu(x)=0$, local operator solution 2—17765
exponential Lagrangians, third order perturbation theory 2—34570
fermion fields with cut-off self-coupling, spin-momentum distribution observables, asymptotic behaviour 2—11550
Feynman diagram theory of nuclear reactions, application to photonuclear reactions 2—28017
finite field theory in solvable models 2—21190
form factors and derivatives at $t=0$, small distances, sum rules 2—17775
four point functions, holomorphy 2—340
four-component spinor field, with O(4,2) symmetry, charge spectrum 2—8079
free field, power series as operator-valued functionals on spaces of type S 2—17797
functional Hilbert space, representation of symmetries and observables 2—21197
functional Hilbert space, representation of symmetries and observables 2—21200
Galilean covariant, scale and conformal transformations 2—21192
Garding domains and analytic vectors 2—34192
gauge fields, relation to gravitational field equation 2—27696
gauge invariance in local field theory 2—8069
gauge invariant spinor theory, current construction 2—17770
gauge problem, quantization of e.m. field 2—5469
gauge problem, reply to criticism of theorems on quantization of Maxwell's equations 2—23754
general gauge field, analogue of magnetic monopole 2—31164
generalized neutral scalar fields 2—14502
generalized states 2—14506
Goldstone bosons, necessity of zero helicity 2—5478
gravitation, fourth order potential, perihelion motion of Mercury 2—7649
gravitational field equations, classical, modification to incorporate virtual quantized matter field 2—2105
Green functions, symmetry breaking effects, investigation using effective Lagrangians 2—8080
Haag-Nishijima-Zimmerman construction, $Z=0$ condition for compositeness 2—2488
hadronic and weak interactions, conference, Rochester, USA (1971) 2—21206
high energy particles as external sources 2—31174
indefinite-metric theories, analyticity, covariance and unitarity 2—17776
infinitely composite particles, $Z=0$ condition 2—14509
integrability condition in local field theory 2—8068
interacting field propagation 2—23755
isospace model space time properties of fields 2—23756
Iwasaki propagators, derivation from Lagrangians 2—31170
Jordan-Brans-Dicke theory, field theoretical construction 2—20836
Klein-Gordon field eqns, with self-interactions, particular solns. 2—2483
ladder graphs with multiple loops, high- energy behaviour 2—5470
Lagrangian, differential vertex operations 2—5484
Lagrangian, spin-1 and spin-2, tensor formulation 2—8064
Lagrangian, topological analysis of self-generating interactions 2—34571
Lagrangian derivatively coupled, treatment based on analytic renormalisation 2—38189
Lagrangian field theory, normal-product quantization of currents 2—17778
Lagrangian models, matching explicit and spontaneous scale invariance breaking 2—8076
Lagrangian theory summability of asymptotic perturbation expansions 2—23759
Lagrangians, nonpolynomial with isospin 2—23751
Lagrangians, normal ordering 2—344
Landau curves of Mercedes vertex diagram, degree determ. 2—5473
Lee type models, with infinite renormalization and unstable particles, equivalence problems 2—23770
Lee-like non-polynomial model without ghosts 2—27695
Lie algebras, textbook 2—32
light cone, conformal invariance and canonical dimensions 2—2486
light cone expansions and applications 2—23746
light cone singularities, connection with Lorentz poles · 2—23753
light cone structure, behaviour of prods of e.m. currents 2—17771
light-cone commutators, corrections to fixed-mass sum rules 2—8074
lightlike quark model, current densities 2—17845
long range two-body and many-body static potentials and substitution law 2—14505
Lorentz invariance and local field theory 2—8067
Lorentz invariant theory, four-dimensional nonsymmetric, local existence of solutions to equations $\Gamma^l{}_{jk;l}=0, g_{ij;k}=0$ when $R^l{}_{jkl}\neq 0$ 2—34572
Lorentz-covariant, universal Noether's theory of infinitesimal transformations 2—14504
mass-zero spin-two field, gravitational theory 2—21199
massive Yang-Mills field, Greens functions, Dyson formula 2—38188
massive Yang-Mills theories, divergences, higher groups 2—8078
massless fields, interacting, commutation relations at null infinity 2—343
massless particles with infinite spin, theory 2—360
non renormalizable theories, scattering amplitudes and Green functions construction 2—31159
non-Hermitian fields, spin 0 and spin $^1/_2$, obeying 'wrong' statistics 2—21188
non-linear field theories. generating functional of time ordered Green's functions 2—31165
non-local non-polynomial, analogy with causality and convergence of dual perturbation series 2—34576
non-localizable fields, superpropagators 2—17763
noncanonical dimensions, pathologies 2—38190
nonlinear. particle-like objects 2—17766
nonlinear. superpropagators, method of calc. 2—5468
nonlinear σ model, one loop renormalization 2—38211
nonlinear spinor field functionals, calculation procedures 2—21196
nonlinear spinor theory, gauge invariance and mass scale 2—21189
nonlocalisable fields, local commutativity 2—5465
nonpolynomial Lagrangian, perturbation theory 2—8060
nonrenormalizable, higher-order corrections 2—31160
nonrenormalizable, method for study in terms of renormalizable field theories 2—5474
normal ordering, Din prescription 2—352
null plane, introduction from first principles 2—8059
one dimensional space time, review 2—27692

Field theory, quantum continued
one particle operators, local internal symmetries 2—2482
one-space dimensional $\varphi^m\bar\psi\psi$ interaction renormalized by unitary trans formation 2—2481
operator product expansions and composite field operators 2—8062
operator Schwinger terms, fixed poles and scale invariance breaking at short distances 2—38191
$P(\varphi)_2$, connection between spectrum condition and Lorentz invariance 2—34569
parafields, a generalization of Fermi and Bose statistics 2—38194
paramagnetic spin-lattice relaxation, quantum field theoretic analysis 2—29842
perturbation theory, equal-time terms and convolutions of tempered distributions 2—8073
phase transformations, scaling laws 2—3426
phase transitions and renormalization, scalar $\lambda_0\varphi^4$ theory, connection with statistical mechanics 2—21187
photon polarization in gravitational field of rotating objects 2—34598
point particles, interacting, determination of realistic potentials 2—7733
relativistic, bound states problem, implications in scalar and pseudoscalar gluon model for quarks 2—38198
relativistic, massive particles with arbitrary spin 2—17230
relativistic, null plane development 2—17789
relativistic perfect fluid, Hamiltonian theory 2—17792
relativistic scalar field, dilatation and conformal invariance on null planes 2—14510
renormalisation constants, computation for class of local causal unitary and analytic field theories 2—38193
scalar field, explicit solutions of nonlinear equation 2—31162
scalar neutral boson field, comparison of different approaches to renormalisation 2—38187
scalar three-point function, sum rule for matrix elements 2—2487
scalar-conformal derivatives, properties rel. to chiral-conformal Lagrangians 2—358
scale invariance, spontaneous breakdown 2—14508
Segal's theory for fields of integer spin, first order eqns. 2—23760
short-distance behaviour, anomalous, massive Thirring model 2—5475
sigma model, renormalized, Goldberger-Treiman relation 2—27694
skeleton theory, conformal invariant and canonical scaling 2—23764
spin-2 field theories and the tensor field identity 2—27697
spin-2 field theory in curved space, massless 2—27690
spinor field, chiral currents as field variables, semiclassical approach 2—21186
spontaneous breakdown of γ_5 invariance of free fermion Lagrangian w.r.t. Touschek transformation 2—34575
summability methods, strong asymptotic condition and unitarity 2—34579
superconductivity, collective modes, coupling constants and dynamical symmetry rearrangement 2—9962
symmetries, trilinear and bilinear equal time commutation relations 2—21194
tachyons, neutral field implications 2—8066
Thirring model, gauge transformation 2—34580
Thirring model, internal symmetry, axial-vector currents anomalies 2—17777
Thirring model, stress-energy vertex 2—31169
Thirring model solutions, causality property, establishment using differential equation approach 2—17762
threshold behaviour of Regge trajectories in ladder approximation 2—17781
tree approximation, validity of soft pion theorems, chiral invariant Lagrangian 2—8070
ultralocal, model theories 2—8058
universal regulator from metrical invariance and Goldstone's theorem 2—14073
vacuum polarization, stability in limiting field 2—21204
vector bundle applications 2—33
vertex function, one-dimensional dispersion relations from local commutativity 2—23749
vertex function, two-dimensional dispersion relations from local commutativity 2—23750
Wightman theorem and nonpolynomial Lagrange functions 2—11552
Yang Mills field. Ward identities and charge renormalization 2—342
Yang Mills fields. massive, renormalizable Lagrangians 2—5472
Yang mills fields connection with dual models in low energy limit 2—11554
Yang-Mills, derivation of magnetic spin monopole 2—21212
Yang-Mills equations, plane non Abelian solutions 2—2484
Yang-Mills field, canonical quantization approach to Feynman rules 2—345
Yang-Mills theory, covariance of one-loop diagrams 2—21195
Yukawa_2, spectrum of local Hamiltonians 2—23752
Yukawa, in two space-time dimensions without cutoffs 2—38180
Yukawa model, one-space dimensional, renormalization by unitary transformation 2—2492
zero-mass divergences in expansions about chiral and state symmetry 2—31172

electromagnetic field *see Quantum electrodynamics*

interactions
see also Elementary particles/interactions; Elementary particles/interactions, electromagnetic; Nuclear reactions and scattering; SU(n) theory. Entries on interactions involving named particles are listed under the particles concerned
φ^3 theory, t-channel ladder diagrams, cluster expansion, new approach to summing diagrams 2—14521
dual resonance model, collinear algebra 2—34577
dynamics, from Poincare group, Lagrangians and fields 2—17769
electromagnetic, Weinberg's model, anomaly free version, with lepton and quark fields, renormalization 2—31167
exclusive electroproduction, scaling and composite hadrons 2—34628
fermions, nonrelativistic, gravitational interaction, free energy 2—5466
Feynman's scaling in high energy multiple hadron production 2—38250
Feynman diagrams, one loop n-angle, proper singularities 2—38204
Feynman diagrams, with i.r. divergences and Coulomb interference, asymptotics 2—34640
Feynman graphs, non-relativistic, study of singularities 2—18169
fireball model and relativistic nonlocal theories 2—437
form factor asymptotic behaviour, light-cone expansions 2—34629
interacting Rarita- Schwinger field, causal propagation and consistency in quantization 2—38184
Lagrangian theory, nonpolynomial, without asymptotic expansions 2—8072

Field theory, quantum continued
interactions continued
lepton-hadron, inelastic reactions 2—21236
local theory, interaction term, eigenvalues and eigenvectors 2—17783
long range, rel. to geometric props. of curved spaces 2—58
massive spin one particle interacting with Dirac particles, equivalence theorem 2—38195
minimal and nonminimal, criterion for physical interpretation 2—23747
multilevel quantum system, interact with polychromatic e.m. field, semi-classical and quantum treatment 2—5138
non-linear field of chiral dynamics type, interaction representations 2—23763
nonpolynomial, comparison of Mellin-transformation and p-space methods 2—34578
nonpolynomial interactions, harmonic oscillator model, Fourier transforms 2—17773
quadrupole derivative interaction systems, quantization 2—38192
quantization of interacting fields, attractive procedure illustrated by application to anharmonic oscillator 2—27693
Reggeization, in five- and six-point functions 2—347
relativistic, analytic theory based on the Lie algebra of Poincare group 2—355
relativistic particles in external fields 2—31173
scaling behaviour near threshold 2—17782
Schwinger's action principle, proof for bounded-interaction Hamiltonians in nonlocal field theories of Fermi interactions 2—34574
spin-1 fields, especially axial vector, chiral symmetric interaction of Yang-Mills properties studied 2—14501
vector and scalar fields interacting exactly soluble models 2—339
e+e→e+e+hadrons, representation as photon-photon interaction, scaling 2—14567
$2\gamma \to (2n+1)\pi$, gauge invariance rel. to chiral symmetry 2—38224
$2\gamma \to (2n+1)\pi$, gauge invariance and chiral symmetry 2—38225
interactions, strong
see also Dual resonance model; Elementary particles/interactions, strong; Veneziano model
φ^3 perturbation theory amplitudes, cluster decomposition properties at high energy 2—21191
dynamics, nonlocal approach 2—8057
scale symmetry breaking, divergent vertices and anomalous dimensions 2—356
interactions, weak
see also Elementary particles/interactions, weak
indefinite metric applications 2—38202
Weinberg's model, anomaly free version, with lepton and quark fields, renormalization 2—31167
meson field
see also Mesons; Nuclear forces
axial-vector-field current identity and broken chiral symmetry, massive pion constrained to be free field 2—21295
chiral and gauge field theories, Regge pole content 2—17790
Einstein-Rosen metric, class of exact solutions for coupled electromagnetic and scalar fields 2—23765
Lagrangian, symmetry-breaking, rel. to nonlinear realizations of SU(3)×SU(3) 2—8084
massive vector field in Landau gauge, reduction to e.m. field propagation 2—38197
neutral pseudoscalar meson field, appl. to excitation in dense baryon-antibaryon system 2—2571
neutral vector gluon model, e-p deep inelastic scattering in massive QED 2—382
pion Lagrangian, nonlinear chiral invariant, applic. of invariant renormalization in one-loop approx. 2—8083
quark models, interactions due to scalar, pseudoscalar or vector fields 2—17826
relativistic self consistent theory of nuclear structure, spherical nuclei 2—11704
scale symmetry breaking, divergent vertices and anomalous dimensions 2—356
soft meson exchange, summing using relativistic eikonal approx. 2—2543
static black holes, nonexistence of baryon number 2—37597
η and η' prod. by pseudoscalar mesons, high energies 2—14626
quantization
see also Quantum theory/quantization
axiomatic field theory, restrictions on geometrical quantization of gravitational field 2—17193
canonical, of gravitational field 2—2494
interacting fields, alternative procedure illustrated by application to anharmonic oscillator 2—27693
interacting fields, proposed formalism 2—14518
interacting Rarita- Schwinger field, causal propagation and consistency in quantization 2—38184
Kademova and Kraev scheme, inconsistency demonstrated 2—11558
massive gauge theory, covariance and Feynman rules 2—17760
massive spin one particle interacting with Dirac particles, equivalence theorem 2—38195
of metric field, Sommerfeld- Wilson 2—62
non linear Lagrangians, canonical quantization 2—2490
quadratic derivative interaction systems 2—38192
spin-$^3/_2$ fields, new inconsistencies 2—17772
Wightman formulation, for quantization of gravitational field 2—20835
Yang-Mills field, Feynman rules, canonical quantization 2—17774
scattering
see also Elementary particles/scattering
φ^3 perturbation theory amplitudes, cluster decomposition properties at high energy 2—348
absorptive part equations for forward scattering, Laplace transform diagonalization 2—21185
atomic, complex systems 2—38834
Compton scattering and fixed poles in parton field-theoretic models 2—38226
dual models, supergauge interpretation 2—2529
dual N-Reggeon vertex, field operator formalism 2—2538
eikonal approx. for contributions to inelastic scatt. from crossed ladder graphs 2—27689
Faddeev relativistic eqns. and 3 body problem 2—5477
fermion fermion, calc. of nonlinear spinor field functionals 2—21196
functional for scattering of relativistic dressed particles 2—354
functional theory, S-matrix for nonrelativistic spin 1/2 fermions 2—353

Field theory, quantum continued
scattering continued
high energy, canonical approach in massive quantum electrodynamics 2—5482
high-energy, role of interacting Reggeons investigated using infinite-momentum perturbation theory 2—17780
kinematical singularities, amplitude decompositions 2—38186
kinematical singularities, in matrix decompositoon, applications to πN and $\pi\gamma$ 2—38185
Nakanishi representation, Regge behaviour, crossing symmetry and unitarity 2—17787
nonpolynomial Lagrangian model, exchange of coherent particle states and relativistic eikonal expansion 2—8077
off-shell multiperipheral model for 2- and 3- body amplitudes from field theoretic eqns. 2—14524
potential theory, shadow channel effects 2—17785
renormalized scatt. operator, closed form, φ^3 model 2—17784
resonances, inelastic electroproduction and photoabsorption, asymptotics 2—8121
S-matrix, problem of existence 2—38181
scalar fields, nonlocal theory 2—8082
three-particle, eikonal approximation 2—5476
unitary covariant S-matrices, defined by convergent perturbation series, construction 2—8071
Van Hove model, scaling rel. to light cone expansion 2—351
vector-spinor scattering, Feynman diagram model, fermion conspirators 2—17872
Wightman theory, conserved currents and symmetry transformations of S-matrix 2—8065
ep, deep inelastic, scaling behaviour of e.m. structure functions in chiral dynamics 2—38235
νn, deep inelastic, relations among structure functions derived using light cone commutators 2—38231
Films
anode cooling, of plasma generator, use of refractory material for anode 2—18631
colour, photographic, processing technique 2—23739
dust, particle diffusivities and deposition velocities over horiz. smooth surface 2—22015
liquid crystal, nematic, convection 2—32229
liquid crystal, nematic, elec. controlled birefringence 2—39363
liquid crystal, nematic dynamic scatt. in homeotropic and homogeneous textures 2—32233
lubricant, thermal contact conductance 2—17430
polymer, measurement of tensile strain curves 2—29367
prints quality, influence of film transfer mechanisms 2—31151
^{3}He, ^{4}He submonolayer films, specific heat meas. at 0.04 to 4.2K 2—32292
MnBi, domain configuration of magnetic holograms 2—7946
liquid
see also Adsorbed layers; Contact angle; Helium/liquid; Superfluidity; Surface tension
benzene, between differently polar fused silica surfaces, thermodynamic properties and molec. long range orientation 2—21947
boiling dynamics, measurement 2—3356
boiling on hemisphere, stagnation-point free-convection, viscous effects 2—25001
boiling on porous vertical wall, suction velocity effects on heat transfer 2—3448
cholesteric, change of pitch on u.v. exposure 2—12541
condensation in forced flows, boundary-layer theory investigation 2—39427
cross hatched wave patterns, stability, near supersonic streams 2—32216
dielectric constant measurement method 2—9148
drainage from flat plates, expression for film thickness 2—28774
draining, minimum stable film thickness calculated using Hartley-Murgatroyd energy criterion 2—6191
draining on a cylindrical surface, determ. of velocity distribution 2—35717
rel. to dryout obs., combined photographic film thickness and temp. technique 2—24275
ethanol, dry spot formation on heating from below 2—9122
evaporation from semi-infinite solid, surface temps., heat fluxes, numerical soln. 2—18884
falling, with surface-active agents, heat transfer 2—1069
falling sheet of water, stability 2—9063
finite-amplitude wavy flow, theory 2—25029
flow around strongly curved surface of arbitrary shape, calc. 2—28776
flowing, wave characts. rel. profile across section, and mass transfer coeffs. 2—1068
formation on fibres during aerosol filtration 2—28910
free convective film boiling heat transfer from horizontal cylinder 2—35833
Freon 12, saturated and superheated, heat transfer during film condensation 2—25000
insoluble surface, rigorous thermodynamic formation 2—21946
isotropic, laser holography obs. of 1 MHz standing wave 2—27539
layer between half-space and flexurally vibrating plate, sound field 2—37751
Marangoni, hydrodynamic stability, effect of interphase mass transfer 2—25027
Marangoni, vertical surface, climbing under surface tension gradients 2—1067
non-Newtonian liq., film on withdrawn cylinder 2—28773
n-octane, on quartz, interaction press.-thickness isotherms 2—39352
polymer coating, application and drying, mech. relax. 2—15668
polymethine dye, bleachable Q-switch for GOS-1000 laser 2—17575
roll waves in gas-liquid flow, model 2—9070
squeeze film, between porous rectangular plates, velocity slip effects 2—39850
stability, surfactant contamination effects 2—25030
stratification of free liquid films stabilized by sodium and lithium surfactants 2—6192
in supersonic airflow, stability study 2—25028
surface tension, magnetic field effects 2—1058
surface-active organic cpds., spreading as monomolecular films on clean water surface 2—28775
thermal behaviour, films formed from mist drops on heated surface 2—35835
thickness det., capacitance depth gauge 2—35716
turbulent flow of falling film 2—39320

Films continued
liquid continued
two phase boundary layer theory rel. to suction theory, appl. to laminar film condensation 2—6193
two-phase flow, skin-friction and film-thickness meas. in upward flow through annulus 2—24631
undulating flow in a gas stream 2—39321
wall, precipitation of drops from dispersed steam- water flow 2—28695
water, between entirely hydroxylated fused silica surfaces, thermodynamic properties and molecular long range orientation 2—21948
water, on Plexiglas, effect on oil drop spreading 2—1166
water in air, annular flow in horizontal tube 2—24626
water-air flows, wave struct. rel. to entrainment 2—25019
wavy flow along inclined solid surfaces, boundary layer treatment 2—12533
wetting film, stability rel. to surface area 2—32217
wire coating, obs. of continuous free withdrawal of wires from Newtonian fluids 2—32219
H_2O, electron diffr. obs. 2—9079
H_2O, laminar and turbulent flow along vertical tube, heat transfer coeff. of evap. 2—18883
He, profile meas. on gold substrate at 2.13 K and quartz substrate at 2.10 K 2—3419
He superfluid, two fluid model analysis of liquid vapour equilibrium 2—3424
^{4}He, submonolayer films, remnant Bose condensation, verification 2—12598
^{4}He, thick, sp. ht. maxima, superfluid phase transition phenomena 2—9196

Films, solid
see also Thickness measurement; Thin film devices
5th international vacuum conference, Boston, Mass., USA, Oct. (1971) 2—41374
adhesion rel. to substrate surface chem. 2—39474
adsorption layer detection, quartz vibr. method and ion energy loss meas. 2—39548
Ag, epitaxial, ultra-thin pseudomorphic layer on Pd, Rutherford scatt. study 2—40103
alumina, hydrous, porosity and surface area 2—9264
alumina ceramic compressive layer formation by chem. treatment of surface, effect on strengthening 2—1331
amorphous oxide, cond., negative resist., electron emission, electrolum., filamentary model 2—40272
amylose, anisotropic morphology obs. 2—3473
anodic, thickening at const. overpotential 2—40824
anodic oxides, anodization 2—19745
book 2—29022
borosilicate glass, nondestruct. detn. of comp. and thickness 2—1174
borosilicate glass, on Si, B diffusion source, i.r. absorp. 2—16483
boundary eqns., physically meaningful vs. redundant Tyablikov-Bogolyubov method 2—6336
cellulose nitrate, use as detector in alpha autoradiography 2—36191
ceramic, plasmic coating, thermal stability 2—1373
chemical vapour deposition, techniques rel. to applics. 2—32349
chloroprene caoutchouk, thin, formation of structures in presence of constant magnetic field 2—25166
coating, self-lubricating, anti friction type, formation using plasma device 2—6335
coatings, thin-layer, thermophysical characteristics det., heat transfer from lateral surface 2—11374
condensation, cluster density and size distrib., influence of crit. cluster size 2—39484
condensed, effect of deposition conditions on profile and props. 2—32353
conference, developments in film and device fabrication, New York (1971) 2—1537
copper hexadecachlorophthalocyanine in epitaxial films, electron diffr. obs. 2—9292
cosputtered, compositional analysis and deposition profile calc. 2—39477
cosputtered, deposition profiles calc. and comp. analysis 2—32344
deadherance due to tensile stresses, model 2—29018
deposition monitor using quartz crystal, calibration 2—3510
deposition rate by thermionic currents, obs. 2—1169
depth composition profile, analysis by ion scatt. spectrometry 2—39454
dielectric, effects on Al surface roughness, reflectance obs. in surface plasmon excitation region 2—16464
dielectric, refractory, vapour phase reaction 2—3507
dielectric coatings, surface microstructure, effect of heat treatment 2—39485
dielectric layers, thickness meas. 2—32351
diffusion layer on Nb alloy, oxidation, struct. obs. 2—4590
diffusion layers, Fe cementation by C and N_2 2—9274
diffuson, review 2—39724
dislocation stresses due to periodic distrib. 2—12763
domain boundary creep, electron microscope obs. 2—36696
elastic properties, nondestructive testing, by harmonic generation of dispersive Rayleigh waves 2—9724
electrolytic coatings, internal stress meas. by modified ribbon cathode device 2—39859
electron channeling to Kikuchi patterns 2—9399
electron microprobe applications 2—40852
electron probe microanalysis using thin standards 2—13600
electron problems, Schrodinger eqn. separation 2—13066
electron-beam deposition 2—3517
epitaxial, thermal e.m.f. det. using probe 2—17508
epitaxial ultra-thin pseudomorphic layer, struct., Rutherford scatt. study 2—40103
fatty acids, thickness meas. of monolayers by multiple beam interferometry 2—6357
fluorocarbon, struct., x-ray and i.r. obs. 2—9228
garnet, epitaxial, for bubble domain device, from supercooled melt 2—6401
garnet, epitaxial, fracture under influence of misfit stress 2—32350
garnet, epitaxial, growth induced mag. anisotropy 2—19904
garnet, epitaxial growth for bubble devices 2—35875
garnet, epitaxial growth from coprecipitated garnet-flux solns. 2—35876
gas analysis, by laser induced evap. and mass spectrometry 2—22067
grain growth and stress relief 2—39480
graphite, for support film in electron microscopy, prep. 2—25311
graphite, form. by precip. of C from Ni foils 2—32694
graphite, glow deposition, on steel and W fine wires 2—3525
group IV-VI compound semicond. films, device applications 2—40297

Films, solid continued
growth, early stages, electrostatic forces between charged islands 2—29020
growth, Monte Carlo study 2—9256
growth in glow discharge environment, material transport, review 2—3519
growth studies, low energy ion multiple refl. technique 2—32331
hardness det. with Knoop indentor 2—19222
high vacuum deposition, cluster formation theory 2—39483
hot, calibration for skin friction obs. 2—3920
insulating, growth by plasma anodization, quality, growth rate, review 2—3520
insulating film deposition by r.f. glow discharge 2—15665
integrated emissivity det. using electron diffraction 2—29016
interferometric thickness meas., bidirectional tilting table 2—38056
internal stresses measuring device 2—39508
ion implantation, struct. analysis, by backscatt. of MeV particles 2—39708
ion plating, investigation of hot- filament and hollow-cathode electron-beam techniques 2—32348
ion-plating and gas-scatt. deposition processes 2—15661
i.r. spectra, temp. range 1000-1500°C, wavelength range 1-15μ 2—4454
i.r. thickness meas. of epitaxial layers, interpretation of phase shift at substrate layer interface 2—29039
Kapton, Sn(II) sensitizer deposit, Mossbauer obs. 2—13588
lacquer layer, diffusion coeff. determ. 2—19149
light waveguide, electrooptic modulation 2—7791
Love surface waves excitation in thin film layer by line source 2—17387
lubricants for machine elements 2—1333
masking and passivating layers on Si, parasitic p-n junction form 2—40298
melissic acid, very thin films, evaporation in vacuum, controlled 2—1189
metal, adhesion to glass and MgO, tangential shear meas. 2—3977
metal, anisotropic, for mode selection in optical resonator 2—21053
metal, condensation, effect of ion beam bombardment 2—29041
metal, diffusion, review 2—19137
metal, diffusion of disparate metal, electron microscopy techniques 2—39732
metal, elec. field effect on formation 2—9254
metal, electrolytic nucleation 2—39592
metal, electron energy loss spectra, phonon effects 2—6699
metal, gas adsorp., sticking probability measurement 2—39546
metal, high energy heavy ion backscatt., Monte Carlo calc. 2—40101
metal, initial stage of deposition, electrostatic field effects 2—29021
metal, intergranular force from free electron energy variation 2—29014
metal, ion beam sputter deposited, nucleation, growth, electron microscope obs. 2—6343
metal, nucleation on nonmetallic substrate surface defects 2—39486
metal, on Si substrate, low-temp. Si migration, ion backscatt. obs. 2—39468
metal, parabolic oxidation, thin film parabolic growth low, elec. field effects 2—15660
metal, quantum magnetoacoustic oscillations 2—6722
metal, quantum size effects on e.m. absorption 2—40135
metal, reactively sputtered, surface absorb. characts. effect on compound form. or gas incorp. 2—39481
metal, reactively sputtered in bias and unbiased modes, influence of surface adsorp. characts. 2—22068
metal, single crystal, vacuum depositing technique 2—9259
metal, thermal cond., size effect 2—29612
metal, thickness meas., Leonard-Ramey method 2—3508
metal, uneven vacuum deposition 2—3513
metal, void form. and growth during electromigration 2—9608
metal and dielec., ion implantation doping effects, cond., struct., comp. 2—29189
metal coating on Ag, plastic deform. 2—1286
metal oxide, dielec. contact layer, stress/strain distrib. 2—25190
metal oxide, growth on metal surface 2—3521
metal with Na deposits, methods of determination 2—6366
metallic, surface polygonization, influence of light 2—15662
metallic thickness measurement by means of absorption of coloured complexes 2—35880
metallized plastic, radioactive sources of ^{59}Fe, ^{114}In^m, ^{115}Cd^m, ^{113}Sn, ^{125}Sb, ^{207}Bi, ^{204}Tl, by electrodeposition 2—5673
mica, effect of electron bombardment, radiation damage, elec. and mech. stability 2—9258
m.i.m., obs. of defects 2—3506
multilayer vacuum condensate, substructure and strength 2—15944
nitrided layer formation by ionic bombardment of stainless steel 2—12927
nucleation, heterogeneous, influence of surface diffusion processes on kinetics 2—1170
nucleation kinetics, transient nucleation and nucleation on preferred substrate sites 2—3516
optical coating deposition vacuum system, residual gas composition 2—37535
optical coatings deposition by cathode sputtering method 2—32352
oxide, on steel, effect on pitting corrosion 2—13582
oxide formation on Pt in perchloric acid, obs. using modulated specular reflection spectroscopy 2—9311
oxide layer form. by anodic oxidation, in situ determ. 2—25204
oxides of Al, Mg and Si, thermochemical props. at 2270 K 2—7161
oxides on Fe, growth mechanism and passivation from ellipsometry 2—10635
permalloy, plated NDRO wires, structure detn. 2—19899
Permalloy, vacuum-deposited, mechanism of internal stress form. 2—39516
phase transform., obs. by thin film thermocouple technique 2—39475
photoresist, adhesion 2—3518
polarizers, single-wavelength 2—313
poly(piperazine amides), mechanical and other properties 2—9293
polycarbonate, leak rates of N_2, O_2, He, H_2, H_2O, Ar, Ne, methane 2—3816
polyethylene, amorphous surface layers, thickness, with rel. to supercooling, loops, cilia 2—18949
polyethylene, high-crystallinity, prep. at low press. 2—3475
polyethylene oriented films, change in supramolecular organization during reorientation 2—28983
polyethylene terephthalate, effect of sorbed I on small angle X-ray diffraction 2—35860
polymer, electron-beam-deposited, bombarding current depend. 2—32994
polymer, polymerization from gaseous phase 2—3551
polymer coating, application and drying, mech. relax. 2—15668

Films, solid continued
polymerized hexamethyldisiloxine, prep., i.r. spectra, e.p.r spectra, deposition rates 2—3550
polymerized vinyltrimethyl silane, prep., i.r. spectra, e.p.r. spectra, deposition rates 2—3550
polypropylene, metallic filler, strength rel. to mag. field 2—29406
polypropylene, two step biaxial stretching, orientation behaviour 2—25475
polystyrene, crazing, fibrillar struct. electron microscope obs. 2—3912
polyurethane: rhodamine 6G, ring laser, unidirectional operation 2—17631
polyvinyl alcohol, optical study of chain orientation 2—6004
preparation from biological, environmental and other matter 2—6338
preparation on supports from solutions with exactly definite thickness, quantitative spectroscopy 2—3514
rare earth oxides, dielectric film formation by vaporization with electron beam 2—29017
rare earth oxides and oxysalts, texturing, refractory character and chem. stability 2—9338
reactive evaporation in ionized gases, production of SiO_2, SiO_xN_y and TiO_2 films 2—3505
refractory metal, electron beam deposited, ion effects 2—39476
refractory metal oxide, by ionized gas anodization, elec. and optical props. 2—13301
refractory metals, growth, high vacuum specimen chamber 2—23205
r.f. sputtering techniques for control of thin film properties 2—3512
rotating substrate, thickness distrib. and step coverage 2—39479
saturation density of stable clusters, random walk corrections 2—32345
scanning high energy electron diffraction, applications 2—3658
scintillation, plastic, preparation technique 2—2627
semiconductor, amorphous, review 2—10005
semiconductor, diamond and zincblende struct., twinning probability calc. 2—39525
semiconductor, epitaxial layer growth rate from soln. in liq. metals, calc. 2—18930
semiconductor, $Ge_xSe_{1-x}(Te_{1-x})$ glass, struct., electron microscope obs. 2—1516
semiconductor, PbTe-PbSe (SnTe) solid solution, prep. and struct. 2—1180
semiconductor, Si, chemical vapour deposition 2—1536
semiconductor, smooth uniform epitaxial layer growth method 2—32343
semiconductor, surface plasma losses, dispersion 2—29691
semiconductor, ZnS, epitaxial, on sapphire, orientation, deposition parameter depend. 2—1188
semiconductor epitaxial structures, impurity concentration estimation, spectral analysis after chemical laminar etching 2—29194
semiconductor glass, covalent, bistable conductivity behaviour 2—16202
silane SiO_2, control of oxide step contours in semiconductor processing 2—19693
silica, preparation by chemical vapour deposition 2—1185
skin on nitrided Ti and alloys, microstructure and corrosion resistance 2—12928
sorption on IV-VI single crystal films, chemical sensing 2—19674
sputter deposition, focusing effects 2—3515
sputtering, increased adhesion 2—9255
sputtering system using double-cathode discharge for preparation of Ta and Nb films 2—29043
stearic acid, very thin films, evaporation in vacuum, controlled 2—1189
stilbene derivatives, thin, bombardment in electron microscope. 3×10^{-7}—3×10^{-6} amps, structure determ. 2—19065
strains in thin foil, due to nonuniform impurity distrib., theory 2—35877
stress and mass change meas. using quartz resonators 2—35878
structure modification, ion bombardment during deposition 2—39482
sulphospinels, ACr_2S_4, A=Mn, Fe, Co, Cu, prep. by flash evaporation 2—9342
sulphurized surface layer, effect on wear resist. of cast Fe 2—12915
superconducting A-15 cpds., prep. by co-sputtering 2—29013
superconductor, sp. ht., effect of order parameter fluctuations 2—32935
surface, effect on Zn single crystal deform. by sliding friction 2—15890
surface composition anal. using ion scattering spectrometry 2—20216
surface contamination analysis using vacuum u.v. reflectometer 2—18929
surface layers on semiconductor, backscattering and channelling analysis 2—25877
Ta:O, thickness det. methods 2—18946
teflon-FEP, vacuum deposition and struct. 2—12676
thermoelectric measurement of thermochemically produced layers on hardened carbon steel 2—1177
thickness dependence on heater geometry in vacuum coating technique 2—3511
thickness meas. during deposition using piezoelectric quartz crystals 2—35881
thickness meas. using monoenergetic electron beam 2—37555
thickness measurement, IOTA, computer controlled scanning spectrophotometer 2—29713
thickness measurement, realizable precision with a quartz oscillator 2—35879
thickness measurement, Tolansky method, systematic errors 2—25191
thickness or ion etch rate det. using Auger electron spectroscopy 2—29019
thickness uniformity det. when produced by evaporation in standard and ultrahigh vacuum 2—35883
thin, evaporation process, electron beam sources characteristics 2—1167
thin, surface, concentration profile, chemical analysis, α-particle scattering technique 2—4623
thin films, X-ray characteristic radiation excitation by radiation from substrate 2—30122
transition metal-aluminium alloy, electron energy losses 2—6704
two dimensional nucleus, shape stability, role of interface kinetics 2—18927
vacuum deposition, apparatus allowing visual obs. 2—23206
vacuum deposition of thin films, automatic control instrumentation 2—30739
vacuum diffused coatings, protection of Nb from disintegration at high temps. 2—6595
vapour deposition, high rate physical process, model for deposit temp, calc. 2—32346
vapour deposition, high-rate physical temperature and thickness distribution on substrate 2—32347
wax and gelatin, i.r. holograms 2—7952
wet chemical deposition on cylindrical substrates 2—18928
Ag, annealing, hole growth, island formation 2—25194
Ag, atomically smooth (111), vacuum deposited on NaCl 2—39488
Ag, deposition and detection below 0.01 monolayer 2—32354

Films, solid continued
Ag, deposition on Si by reaction with AgF vapour, 80-600°C 2—39487
Ag, deposition on SiO_2, nucleation rates 2—12652
Ag, electromigration direction 2—36075
Ag, electron irrad., radiation emission 2—4085
Ag, epitaxial deposition on molybdenite 2—29024
Ag, epitaxy on molybdenite, substrate temp. effect 2—25192
Ag, growth and struct., thickness depend. 2—3522
Ag, growth on graphite, size distrib. of nuclei 2—29023
Ag, interfacial layers, informational props. 2—39456
Ag, laser beam irrad., rupture threshold 2—9263
Ag, nucleation and growth on SiO_2 in ultra-high vac. 2—32356
Ag, nucleation and growth on SiO_2 in ultra-high vac. 2—32355
Ag, on Pd, partial misfit dislocations 2—9262
Ag, on Si substrate, low temp. migration of Si 2—3812
Ag, optical, thickness uniformity det. when produced by evaporation in standard and ultrahigh vacuum 2—35883
Ag, preferential deposition induced by Au ion implantation of substrate 2—12784
Ag, proton bombardment, radiation defect annealing, 93-263K 2—22174
Ag, smooth detachable, deposition method 2—1173
Ag, struct. modification due to mech. vibration, adhesion measurement 2—18931
Ag, surface diffusion, hillock formation 2—25193
Ag, technique for stripping from mica substrates 2—39489
Ag, thick, single cryst., dislocation struct., Luders deform. 2—6543
Ag, vacuum deposited, internal friction, 4.2-77 K 2—29245
Al-Cu conductors, electromigration life depend. on grain size distrib. 2—32560
Al-4%Cu, resistance changes due to precipitation during power annealing 2—32759
Al-Cu(Ge) eutectic alloys, splat cooling on diamond substrate 2—18926
Al-Ni-Cu alloy, martensitic transform, growth of γ'-phase 2—29464
Al-O, vapour codeposited, struct. and props. 2—29026
Al, adsorpt. of water, nucleation and growth model 2—39553
Al, anodization, to inhibit hillock growth during semicond. device processing 2—3523
Al, chemisorption of O monolayer, sticking probability 2—3558
Al, containing additions of various elements, Nb alloy oxidation protection 2—9267
Al, deposition from electron beam source 2—39491
Al, diffused coatings protection of steel from corrosion by liq. Li 2—4592
Al, diffusivity and solubility of Si, rel. to integrated circuit metallization 2—19142
Al, distrib. and diffusion of Ti atoms 2—12653
Al, distrib. and diffusion of Ti atoms during Al deposition on Ti 2—12654
Al, epitaxial growth, Brownian motion of crystallites on substrate surface 2—32359
Al, field ion microscope study 2—35885
Al, freshly evaporated, glow-discharge oxidation at 14°C 2—37042
Al, initial oxidation, chemisorpt., incorporation-chemisorpt. transition 2—40810
Al, ion Si, implantation effects on diffusion and migration 2—25472
Al, laser beam irrad., rupture threshold 2—9263
Al, on ion-implanted Si, recrystallization of armorphous Si obs. 2—19120
Al, on Mo substrate, Auger spectroscopy and LEED obs. 2—12655
Al, on Si, In, Sb ion implanted, migration effects 2—19121
Al, plasma anodization, by O discharge 2—3199
Al, re-emission and transmission of secondary electrons, angular distrib. 2—40395
Al, surface contamination analysis using vacuum u.v. reflectometer 2—18929
Al, surface plasmon oscillations 2—4131
Al, surface plasmon oscillations 2—4130
Al, vacuum deposited, hillock growth 2—39492
Al, vacuum deposited, internal friction, 4.2-77 K 2—29245
Al and Ni alternate layers, evaporation apparatus 2—18932
Al coating, porosity, microscopy 2—25612
Al encapsulated conductor, mech. constraints and pressure effects on electromigration 2—22238
Al ion impression onto GaAs wafers 2—32358
Al metallization, on integrated circuits, Si precipitation 2—25876
AlN, prep. from trimethylaluminium 2—12659
Al_xN_y, on Al. form, by glow discharge 2—39493
Al_2O_3, anodic barrier, microstructure, amorphous and crystalline phases 2—9266
Al_2O_3, anodic films, mechanical properties 2—3857
Al_2O_3, chem. vapour deposition by hydrolysis of $AlCl_3$ 2—39490
Al_2O_3, electron beam evap., effect of substrate potential on stoichiometry 2—40310
Al_2O_3, for gate insulation and passivation 2—1557
Al_2O_3, formation by electron-beam evaporation 2—35884
Al_2O_3, gas-flame and plasma deposited, phase transformations 2—1389
Al_2O_3, mechanical and insulatory behaviour of films evaporated onto a steel substrate by electron bombardment heating 2—35886
Al_2O_3, plasma-anodized, field ion microscope study 2—35885
Al_2O_3, plasma arc sprayed, struct., electron microscope obs. 2—15663
Al_2O_3, prep. by glow discharge technique 2—1556
Al_2O_3, prep. by pyrolytic decomp. of aluminium isopropoxide 2—29025
Al_2O_3, prep. from nitrous oxide and aluminium trimethyl 2—1557
Al_2O_3 anodic coating on Al, plastic deform. 2—1286
Al_2O_3 layers on Al, characteriz. by ellipsometry 2—22070
Al_2O_3 on Si, heat treatment influence on struct. 2—32357
As_{20}-Te_{70}-Ge_{10}, amorphous semiconductor films, condition for memorization by laser light pulse 2—4188
Au/Ag/Pb structure, mass transport along grain boundaries in Ag 2—22243
Au-Cu composite surface, Au layer struct., props., rel. to plated wire memory props. 2—22689
Au-Si alloy, on Si substrate, phase transformations 2—39991
Au-SiO, substruct. 2—12656
Au, (111) surface relax., X-ray determ. 2—29027
Au, atomically smooth (111), vacuum deposited on NaCl 2—39488
Au, condensation inhibition on using laser source for sputtering 2—9270
Au, condensed, substrate influence on nucleation nature 2—6345
Au, deposition and detection below 0.01 monolayer 2—32354
Au, electrodeposition and morphology 2—9269
Au, electroless deposit, bondability and mech. props. 2—3524
Au, electromigration direction 2—36075
Au, electromigration induced failure, role of grain boundaries 2—36076

Films, solid continued
Au, epitaxy, on NaCl:Ag substrate at 473K 2—39496
Au, gas incorporation in sputtered and evaporated films 2—35882
Au, interfacial layers, informational props. 2—39456
Au, laser beam irrad., rupture threshold 2—9263
Au, microstruct. and electromigration-induced failures 2—19544
Au, nucleation and growth on NaCl at low temps., application of high resolution shadow casting 2—6347
Au, on cold substrate, recovery and grain growth 2—32360
Au, on Si, low temp. migration of Si 2—15791
Au, on Si substrate, low temp. migration of Si 2—3812
Au, re-emission and transmission of secondary electrons, angular distrib. 2—40395
Au, sputtered, residual gas pressure effect on cross-section structure 2—25196
Au, stopping power for low energy protons 2—32862
Au, vacuum deposited, struct. rel. to substrate surface charge 2—25195
Au coating on stainless steel, effect on sorption of CO and S 2—39558
Au epitaxy on cleaved NaCl, water vapour influence 2—22071
Au island condensates, on NaCl, struct. 2—9268
Au on NaCl, nucleation and growth, high-resolution shadow casting obs. 2—39495
Au on W, single cryst. growth, effect on emission props. of substrate 2—9271
AuCu II alloy particles, growth and struct. 2—6346
B, glow discharge deposition, on steel and W fine wires 2—3525
BN, on Si substrate, spark discharge deposition, diffusion source 2—3796
BaO, on Mo, evap., temp. and degree of coverage depend. 2—6383
$BaTiO_3$, prep. by reactive cathode sputtering 2—29028
$BaTiO_3$, r.f. sputtered, struct. 2—40347
Bi/Sb, two-layer, struct. 2—1176
Bi/Sb, two-layer, struct. 2—1175
Bi-Sn, r.f. sputtered from two-phase sintered Bi-Sn cathodes 2—39497
Bi, evaporated, cross-sectional struct., rel. to evaporating conditions, electron microscope obs. 2—29029
Bi, laser machining, struct. changes 2—6348
Bi coating influence on Ni coercive force 2—6976
Bi_2O_3, reflecting, for multiple beam interferometry on steel 2—1168
$Bi_{0.4}Sb_{0.6}$, superconducting thin film, fluctuation heat capacity near T_c 2—9887
Bi_2Se_3, vapour phase epitaxy, electron diffr. obs. 2—39498
C, amorphous, electron diffr. obs. rel. to conduction mechanisms 2—13221
C, for electron microscopy, benzylamine tartrate organic glass substrate 2—9260
C, methane pyrolysis over transition metal, manner of carbon and graphite formation 2—39499
C, self supporting, prep. with large area 2—18933
C coating for scanning electron microscope nonconducting samples 2—19033
C foils as heavy ion strippers, increase of lifetime at high temp. 2—14858
C on Au, effective sampling depths in X-ray photoelectron spectroscopy 2—36632
Cd-Zn coating, on steel, copper and brass, testing at marine microclimate 2—1751
Cd, whisker growth, electron microscope obs. 2—3552
Cd_3As_2, crystalliz. of melt compressed between two backings 2—32975
CdF_2:Mn, luminesc. film prep. 2—13522
CdS:Ag, evaporated, recrystalliz., electron micrograph obs. 2—35888
CdS, epitaxial, effect of substrate orientation on struct. 2—29031
CdS, epitaxial, growth from vapour, struct., resist., cathodolum. 2—39535
CdS, epitaxial growth, vapour phase method 2—35887
CdS, solution spray prep., Hall mobility, rel. to cryst. orientation 2—32971
CdS, whisker head, pin-like, faces, growth mechanism 2—25216
CdS whiskers, investigated by electron microscope 2—12672
CdSb:Ag(Ge)(Te), doping 2—36046
CdSb, crystalliz. of melt compressed between two backings 2—32975
CdSe, epitaxial growth, vapour phase method 2—35887
CdSe, evaporation in high vacuum, energy relns. 2—29030
CdSe, heat treatment in air, Cd crystallite growth 2—18935
CdSe, high-vacuum deposited on CaF_2, refl. electron diffr. obs. 2—39500
Co-P, noncryst., structure, electron diffraction obs. 2—6429
Co-Pd, evap. single cryst., ordered phases, elec. diffr. obs. 2—32781
Co, adsorption of oxygen, surface potential study 2—12683
Co, electrodeposited, internal stresses meas. device 2—39508
Co, electron energy losses 2—6704
Co, epitaxial, anomalously high elastic strains 2—32361
Co, evaporated, calc. of radial distrib. functions for multiply-twinned particles 2—25197
Co, noncryst., structure, electron diffraction obs. 2—6429
$CoCr_2S_4$, sputtered, struct. 2—15664
Cr/Cu, sequential deposition onto plastic film substrate, two stage r.f. sputtering system 2—39504
Cr, diffused coatings protection of steel from corrosion by liq. Li 2—4592
Cr, diffused layers, effect on mechanical properties of stainless steel 2—6587
Cr, epitaxial growth on LiF and NaCl substrates 2—9272
Cr, evaporation deposited, surface, rel. to oxidizing and nitriding treatments 2—39503
Cr, glass interface obs. by etching and water contact angle 2—3526
Cr, laser beam irrad., rupture threshold 2—9263
Cr, on glass, interface, adhesive mechanism 2—39501
Cr, proton deceleration 2—6702
Cr, sputtered, composition variation with thickness, chem. etch rate obs. 2—39502
Cr, sputtered, etch rate obs. 2—1171
Cr, vacuum deposited, struct., effect of oblique incidence during deposition 2—39506
CrNi, sputtered, struct. and elec. props. 2—39505
Cr_2O_3 formation, on Ni-Cr eutectic oxidation, microstructure rel. to atmos. 2—4587
Cs, thermal cond., calc. from elec. cond. 2—29567
Cu-Ag, sputtered, investigation of factors affecting composition 2—32363
Cu-Cr, immiscible, thermally induced phase separation, nucleation, growth, electron microscope obs. 2—6350
Cu-Fe, alloy, effect of precip. and matrix on phase transform 2—6635
Cu-Ni/BN composite plasmic coating, prep., struct., and mech. props. 2—12985
Cu-Ni-Cr coating, testing at marine microclimate 2—1751
Cu-Pd(Ag) bimetal, diffusion kinetics, size effects 2—9618

Films, solid continued
Cu, atomically smooth (111), vacuum deposited on NaCl 2—39488
Cu, coating, effect on surface structure and friction parameters of steel 2—3918
Cu, electromigration direction 2—36075
Cu, electroplated and vapour deposited, structure, X-ray diffr. obs. 2—22072
Cu, epitaxial growth, surface impurity effects, elec. diffr. obs. 2—39507
Cu, epitaxial growth 2—32362
Cu, epitaxial growth on NaCl, effect of H_2O vapour 2—12657
Cu, laser beam irrad., rupture threshold 2—9263
Cu, proton bombardment, radiation defect annealing, 93-263K 2—22174
Cu, proton deceleration 2—6702
Cu, technique for stripping from mica substrates 2—39489
Cu, vacuum deposited, internal friction, 4.2-77 K 2—29245
Cu island form. during surface diffusion on Mo 2—28999
Cu sheets, spot welding 2—19252
Cu single crystal electrodeposits, growth and structure, electron diffraction study 2—29015
CuO, thin, reactive cathodic sputtering, plasma generator analysis 2—1011
CuS, thermal expansion oscillations, 60-300K 2—40084
Er_2O_3, stopping power for low energy protons 2—32862
Eu, band struct. determ. by X-ray photoemission 2—22464
EuO, sputter deposition 2—12658
Fe-Cr-Al, oxide, struct. imperfections 2—6490
Fe-Ni, electrodeposited cylindrical, internal macrostresses 2—35889
Fe-Ni, electrodeposited cylindrical, internal macrostresses 2—35890
Fe-Ni, electrodeposited on cylindrical substrate, internal stresses, disloc. theory 2—40506
Fe-S, lattice parameters, S conc. depend. 2—40479
Fe, adsorption of oxygen, surface potential study 2—12683
α-Fe, Al-Fe layers formed by surface metal interaction with $AlCl_3$, HCl and H_2 gases 2—26320
Fe, electrodeposited grain size and coercive force, effect of thiourea 2—25198
Fe, f.c.c.-b.c.c. transform., stress effects 2—9803
Fe, Mossbauer spectra, analysis, thickness 1-42 Å, 15-350 K 2—40626
Fe, single cryst., oxidation, isolated oxide grains, elec. microscope obs. 2—9273
Fe electrodeposited, internal stresses meas. device 2—39508
Fe_3AlC_x, $x<0.6$ formed by diffusion and chemical reaction on steel 2—39927
Fe(N) sheets and foils, phase relations and epitaxy 2—39539
Ga, struct., elec. cond., rel. to adsorpt. of O_2, Hg and water vapour 2—39511
$Ga_{1-x}Al_xAs$ layers, solution growth technique 2—18939
GaAs:Sn, Ge, Mg molecular-beam epitaxy, surface structure observation, electrical and optical evaluation of layers grown 2—3553
GaAs, epitaxial, effects of $AsCl_3$ conc. on impurity incorporation 2—9276
n-GaAs, epitaxial, ionized impurity density and mobility 2—13232
GaAs, epitaxial, prep. by r.f. sputtering 2—29047
GaAs, epitaxial, transitional layer formation 2—9275
GaAs, epitaxial growth from gaseous phase and solution 2—3528
GaAs, epitaxial layer, thickness measurement methods 2—32364
GaAs, epitaxial layer growth rate from soln. in liq. liq. metals, calc. 2—18930
GaAs, heteroepitaxial, on spinel, crystalline nature characterization 2—32368
GaAs, liquid phase epitaxy 2—25201
GaAs, n and n^+ type, homoepitaxial, impurity obs. using ion microanalyzer 2—16694
GaAs, nucleation on W (111) face 2—29033
GaAs, passivation with Si_3N_4 2—35893
GaAs, two-stage growth on spinel, diode form. 2—10090
GaAs epitaxial layers, Cu-contaminated, acceptor levels 2—19669
GaAs epitaxial layers, doping profile, Schottky contact study 2—25431
GaAs epitaxial layers, effect of substrate temp. on doping level 2—18938
GaAs epitaxial layers, faceted surface defect formation 2—25200
GaAs layer growth on GaAs substrate at const. temp. 2—39588
$GaAs_xP_{1-x}$ layers, comp. and growth rate, deposition temp. influence 2—39509
GaN, prep. from trimethylgallium 2—12659
GaN, r.f. sputtered, on sapphire, Si and metallic substrates 2—18937
GaP, epitaxial growth from gaseous phase and solution 2—3528
GaP, heteroepitaxial, on sapphire, crystalline nature characterization 2—32368
GaP epitaxial layer, doping gradient, C-V characts. 2—22222
GaP epitaxial layer perfection, substrate prep. influence 2—25199
GaP epitaxial layers, vapour phase growth and defects 2—29032
GaP layers on Ge substrates, autodoping effect 2—36507
GaSb epitaxial layers on same substrate 2—3529
GaSe, vacuum deposited thin films, structural props., influence of substrate temp. and deposition rate 2—3532
Gd, band struct. determ. by X-ray photoemission 2—22464
Gd, interatomic distance, grain size and surface tension effects 2—29034
Ge:O, ion implanted, surface film of GeO_2 formed by ion beam irrad. 2—22766
Ge, amorphous, deposition and structure 2—13273
Ge, amorphous, high-resolution electron microscope observation of voids 2—9522
Ge, amorphous, struct., elec. resist., band gap, crystn. 2—40286
Ge, e_1 and E_1 interband transitions, thermoabsorpt. study 2—40288
Ge, epitaxial, dislocation density, rel. to deposition conditions 2—29035
Ge, epitaxial, growth mechanism and struct., influence of $AsCl_3$ impurity 2—39513
p-Ge, epitaxial, surface electron states 2—16238
Ge, epitaxial layer growth rate from soln. in liq. metals, calc. 2—18930
Ge, epitaxial layers grown in gas phase, dislocation struct. 2—6496
Ge, evaporated, rock salt substrate, growth, struct., optimum epitaxial growth condition 2—6351
Ge, heteroepitaxial, on GaAs, stress, orientation, thickness effects 2—3534
Ge, ion irrad. damage and annealing 2—22180
Ge, noncrystalline, r.f. sputtered, explosive crystallization by transient energy pulse 2—25202
Ge, selective epitaxial deposition, growth mech. near Ge-SiO_2 boundary 2—25203
Ge, solid phase growth from evap. Al layer 2—39512
GeO_2, metastable phase, epitaxial growth on SiO_2 2—19016
Ge_xSe_{1-x} glass, struct., electron microscope obs. 2—1516

Films, solid continued
GeTe-SnTe, alloy, plasmon energy,electron energy loss spectra, electron microscope obs. 2—4143
GeTe, amorphous to polycrystalline phase transition kinetics rel. to switching 2—40256
Ge_xTe_{1-x} glass, struct., electron microscope obs. 2—1516
Hf, foil, high rate physical vapour deposition, feasibility study 2—32369
$Hf_yTa_{1-y}N_x$, prep. by reactive alloy sputtering 2—9277
$Hg_{1-x}Cd_xTe$, epitaxial vapour growth 2—29036
α-HgS, vac. evaporation and heat treatment 2—3535
HgTe, investigation of chemical composition by electron microprobe analysis 2—4619
In, electromigration direction 2—36075
InAs, sputtering 2—10023
$InAs_xSb_{1-x}$, flash evap. of InAs and InSb, electron beam microzone crystalliz. and thermal annealing 2—40277
InN, r.f. sputtered, on sapphire, Si and metallic substrates 2—18937
InSb on CdTe substrate, liquid phase epitaxy 2—1178
Ir, with C adosrbed on (111) face, characteristics obs. using thermoelectron emission and surface ionization 2—22363
Ir(III)-C, dependence of thermoelectric current and In^+ current on degree of C coverage 2—9297
K, thermal cond., calc. from elec. cond. 2—29567
K and Na-K alloy, photoelec. emission and phase transitions 2—33090
$KBrO_3$, $DclO_3$, polycrystalline, preparation, thickness obs. and uniformity evaluation 2—9278
KCl, energy losses of slow electrons, resonance potentials 2—25711
Li halides, i.r. spectra and dimerization of adsorbed NO 2—15677
LiF thickness monitoring on Al by reflectance measurements 2—1172
Mg, electromigration direction 2—36075
MgF_2, struct., rel. to sorption behaviour 2—9291
MgF_2 thickness monitoring on Al by reflectance measurements 2—1172
$MgFe_2O_4$, cation ordering, electron diffr. obs. 2—29146
Mn-Al, vacuum codeposited, disordered struct. 2—18940
Mn, adsorption of oxygen, surface potential study 2—12683
Mn, epitaxial growth on LiF and NaCl substrates 2—9272
MnBi, phase transitions and lattice parameters 2—4391
MnBi, potential storage media in holographic optical memories 2—21120
$Mn_xFe_{3-x}O_4$, ferrite, prep. by reactive evap. and structure 2—19906
MnO, epitaxial growth by impurity diffusion in Mn doped NaCl crystals 2—3536
Mo, chemical vapour deposition, FIM study 2—22073
Mo, on thermally oxidized Si, electron microscope and X-ray diffr. obs. 2—12660
Mo, sputter deposition and removal from metal surfaces, Auger analysis 2—39514
MoS_2 + Cu or Sn covering, self lubricating antifriction coating 2—6335
multilayer, ion back scattering analysis 2—15659
Na and Na-K, photoelec. emission and phase transitions 2—33090
Na_3AlF_6, cryolite, struct., rel. to sorption behaviour 2—9291
NaCl, adsorbed CO_2, vibrational frequency shifts and splittings 2—5914
NaCl, energy losses of slow electrons, resonance potentials 2—25711
NaCl, sectioning technique for single cryst. and applic. to ion implantation obs. 2—9594
$NaClO_3$, $NaBrO_3$ polycrystalline, preparation, thickness obs. and uniformity evaluation 2—9278
Nb, sputtering, by Nb, H, D and He ions, 10 to 80 keV 2—4086
Nb on Ta, thermionic electron emission, surface barrier determ. 2—4322
NbN, reactively sputtered, substrate temp. and structure rel. to supercond. props. 2—40199
Nb_2O_5, anodized oxide film, thickness, dependence of final voltage and time at this voltage 2—3537
Nb_3Sn, cylindrical metallic substrate. fast rotation deposition technique 2—39515
Nb_3Sn layer deposition of Nb surface 2—12661
Nb_3Sn layers as protective coverings for Nb surfaces 2—32943
Ni-Cr-Al, oxide, struct. imperfections 2—6490
Ni-Cr alloy, struct., electron microscope obs. 2—32373
Ni-Cr thick films, sputtered, deposition temp. effect on condensed phases 2—32371
Ni-P, struct. transform. during annealing 2—15969
Ni-P layers, imperfectly crystallized quasi-amorphous, struct. 2—22074
Ni-P surfaces, ellipsometric study 2—32370
Ni-SiO_2, composite, tensile strength, microhardness 2—15666
Ni, condensed, substrate influence on nucleation nature 2—6345
Ni, electrodeposited, contrib. of twinned crystallites to texture 2—1179
Ni, electrodeposited, internal stresses meas. device 2—39508
Ni, electrodeposited, stripping of large areas 2—12662
Ni, electroless deposit on glass, interfacial props. 2—32372
Ni, electron energy losses 2—6704
Ni, electroyltic, effect of H_2 on crystalline struct. imperfection 2—15941
Ni, noncryst., structure, electron diffraction obs. 2—6429
Ni, obs. of stopping power of Li and Na atoms 2—16077
Ni, on Fe-Si alloy, magnetostriction dependent on thickness 2—1635
Ni, plated, on Fe substrate, electrolytic stripping process 2—37049
Ni, single crystal films, heteroepitaxial growth by vacuum evaporation 2—3538
Ni, vacuum-deposited, mechanism of internal stress form. 2—39516
Ni, vacuum deposited, internal friction, 4.2-77 K 2—29245
Ni electrodeposit, struct. and cryst. growth on polished Cu 2—3539
Ni foil, bulk diffusion of ^{14}C 350 to 700C 2—12812
$NiFe_2O_4$, prep. and microstruct. 2—18941
P, single cryst. on NaCl, flash evap., structure 2—9280
Pb, deposition on Cu substrate, LEED obs. 2—29037
Pb, electromigration direction 2—36075
Pb, epitaxy and fibre texture on mica and glass 2—32374
Pb, superconducting, magneto-optical study of intermediate state, magnetic field and film thickness dependence 2—40196
Pb chalcogenide vapour condensation on epitaxial substrate 2—6337
PbO, reactivity sputtered, α-type and β-type 2—4215
PbO_x, prep. by reactive cathodic sputtering 2—22075
PbS, epitaxial growth, multilayer approach using NaCl as parting layer 2—39518
PbS, struct. defects 2—3773
PbSe, epitaxial, sorption of H and O_2 2—39561
$Pb_{0.918}Sn_{0.082}Se$ epitaxial growth on BaF_2 and CaF_2 substrates 2—25205
$Pb_{1-x}Sn_xTe$, epitaxial growth and heat treatment 2—32375
$Pb_{1-x}Sn_xTe$, epitaxy, using quasiequilib. system 2—39517
PbTe-PbSe solid solution, prep. and struct. 2—1180
PbTe-SnTe solid solution, prep. and struct. 2—1180

Films, solid continued
PbTe, epitaxial, microstruct. 2—9279
PbTe, epitaxial growth on CaF_2 substrate, electron bombardment effects obs. 2—1181
Pd, on Si single cryst., interdiffusion and compound formation 2—6352
pT/Au, couples, adhesion and diffusion obs. 2—39745
Pt-Au alloy, on ceramics prep. by thermal decomp. of resinate coatings 2—1182
Pt, on Si, low temp. migration of Si 2—15791
Pt, on Si single cryst., interdiffusion and compound formation 2—6352
Pt, vapour deposition on emission tip substrates, field ion microscopy 2—12663
PtSi, sputtered, microstruct., electron microscope obs. 2—3540
Rb, thermal cond., calc. from elec. cond. 2—29567
Sb, crystn. kinetics 2—29038
Sb, on W(100) face, struct. and work function 2—9281
Sb, prod. by high vac. condensation on single cryst. substrate 2—39519
Sb, thickness meas., q-factor application of Maxwell Garnett theory 2—3541
Sb_2Se_3, vapour phase deposits, struct. 2—25206
Sb_xSe_y, Mossbauer effect, amorphous and crystalline phase obs. 2—13451
ScAS(P), vapour growth 2—9282
Sc_2O_3, stopping power for low energy protons 2—32862
Se, deposition on glass substrate, crystallite orientation 2—1183
Se vapour condensation on epitaxial substrate 2—6337
Si, autoepitaxial, dislocations at film-substrate interface 2—1184
Si, chemical vapour deposition 2—1536
Si, diffusion of elec. active impurities 2—12785
Si, epitaxial, crystal imperfections, ion channelling studies 2—19084
Si, epitaxial, on Si substrate, thickness and orientation determ. 2—39526
Si, epitaxial, temp. depend. of doping conc. of As and P 2—25209
Si, epitaxial growth, effect of water vapour on B doping 2—12665
Si, epitaxial growth, through Si_3N_4 window 2—9285
Si, epitaxial growth mechanism 2—3542
Si, epitaxial layer, far i.r. interference thickness measurement 2—25207
Si, epitaxial on sapphire, structure defects 2—6354
Si, epitaxy, by silane pyrolysis, HEED and Auger spectroscopy obs. 2—39523
Si, growth by open method, thermodynamics of gas transport 2—3543
Si, homoepitaxial, grown by SiH_4 pyrolysis, quality, HEED and Auger spectroscopy obs. 2—39528
Si, ion irrad. damage and annealing 2—22180
Si, lighter impurities on, det. by 90° forward ion scattering through thin targets 2—16714
Si, oxidation elec. stability, effect of HCl and Cl_2 2—39521
Si, polycryst., deposition in-process thickness monitor, i.r. interferometry method 2—22077
Si, polycryst., thickness determ by i.r. interferometry 2—22076
Si, sputtering yield and sticking probability by ellipsometry 2—32378
Si, stacking faults conc., rel. to epitaxial growth rate 2—6499
Si, vapour deposited, struct. rel. to growth conditions 2—39524
Si epitaxial slices, plastic deform. in central regions 2—12865
Si oxynitride, prep. and props. 2—3545
Si single crystal, dimpling, ion produced lattice damage 2—25368
β-SiC, growth kinetics on Si substrate, methyltrichlorosilane decomposition 2—39527
SiC, oxidation resistant layer formation by reaction of Si and CH_4 2—29040
SiC, reactive sputtering of 2H polytype 2—32377
Si_3N_4, by SiH_4-NH_3 catalysis, electron microscope obs. 2—9257
Si_3N_4, deposited on Si by silane press. lowering 2—1186
Si_3N_4, deposition control by 2537Å rad., thickness limiting 2—39520
Si_3N_4, electron traps, thermally stimulated electron emission spectra obs. 2—13354
Si_3N_4, sputtered from hot-pressed targets, contamination levels 2—32383
Si_3N_4 deposition on GaAs by r.f. glow discharge 2—15665
SiO_2-TiO_2, result of $TiSi_2$ oxidation 2—13579
SiO_2, dissolution rates in acidic fluoride solns. 2—10628
SiO_2, impurity depth profile, secondary ion emission study 2—16333
SiO_2, on Si, kinetics of thermal growth, ellipsometry obs. 2—39522
SiO_2, on Si, Na redistribution on immersion in hot electrolyte 2—3546
SiO_2, on Si, thickness meas. using IOTA, computer controlled scanning spectrophotometer 2—29713
SiO_2, prep. by oxidation of n-Si 2—40815
SiO_2, thermally grown, optimization of passivating properties for silicon surfaces 2—4186
SiO_2 ion implanted, chemical behaviour rel. to semicond. device technology 2—25210
SiO_2 on Si, local stress meas. method 2—12664
SiO_2 on Si, thermally-grown, buckling rel. to thickness/window width ratio 2—9283
SiO_x, anodic oxide, breakdown product morphology 2—9284
SiO_x, oxidation using nitric acid, for MNOS charge storage device 2—12666
Sn-Sb, struct. and orientation, twinning 2—12668
Sn-Se, vacuum deposition 2—3547
Sn, electromigration direction 2—36075
Sn, evap. on Si and sapphire, growth by backscattering obs. 2—32379
Sn, growth on SnTe, electron microscope obs. 2—32380
Sn, oxidation, electron microscope obs. 2—12667
SnO_2:Sb transparent conducting, surface hydrolysis of $SnCl_4$ 2—18943
α-SnO, on Sn film substrate, morphology 2—12667
SnO, SnO_2, reactively sputtered, chemical aspects of oxide film formation 2—18944
SnSb, vapour phase deposits, struct. 2—25211
SnSe/NaCl film-substrate system, decoration processes 2—29008
SnSe/NaCl film-substrate system, decoration processes, elec. field effect 2—29007
^{119}Sn, backscatter Mossbauer spectra obtained with internal conversion electrons 2—35895
Ta-Al alloy, anodization 2—3548
Ta-Al alloy, compositional control by d.c. biased a.c. sputtering 2—39478
Ta-Ti, alloy, struct., composition, rel. to sputtering conditions 2—12671
Ta, anodization, impurity distrib., ion microprobe mass spectrometric obs. 2—22879
Ta, b.c.c. and β phases, X-ray diffr. study 2—32382
Ta, sectioning by anodization and oxide stripping 2—9287
Ta, self-induced sputtering during electron-beam evap. 2—12669
β-Ta, sputtered, competitive diffusion of O_2 and N_2 at 828K 2—39531
Ta, sputtered, constitution 2—39530

Films, solid continued
β-Ta, sputtered, elec. cond., struct. transform., X-ray diffr. obs. 2—18945
Ta, sputtered, purity, struct., elec. resist. 2—29042
Ta, sputtered, struct., oxygen effect 2—9286
Ta, sputtered, struct. and elec. props. rel. to O_2 content 2—39533
Ta, sputtered in Ar-O_2, effect of oxygen content 2—29044
Ta, sputtered on Si, struct. and comp. 2—32381
β-Ta, very pure, sputtering conditions 2—1187
Ta oxide, on Ta substrate, quantitative X-ray emission analysis 2—12670
Ta_2O_5/Al_2O_3 mixture, form. by anodization of Ta-Al alloy 2—3548
Ta_2O_5, anodic films, mechanical properties 2—3857
Ta_2O_5, formation kinetics, Ta substrate, X-ray emission study 2—32385
Te:Ag(Sb), doping 2—36046
Te, deposition on glass substrate, crystallite orientation 2—1183
Te, electron microscope study of structure 2—25212
Te, struct., growth, orientation 2—3549
Te, surface layer on CdTe, detect. by Raman back scatt. 2—7082
Te single crystal, epitaxial growth on Se, elec. diffr. obs. 2—35896
Te vapour condensation on epitaxial substrate 2—6337
Ti/Au(Pd)(Pt) couples, diffusion and compound formation 2—39749
Ti-Pd-Au, struct. and mech. props., ageing effects 2—39534
Ti, electron energy losses 2—6704
Ti, epitaxial growth on LiF and NaCl substrates 2—9272
Ti, H adsorption in vacuum, reaction rate detn. 2—39560
TiH_4 injector by plasma cluster creation using induced discharge 2—21035
TiO_2, thin amorphous film, variation of dielectric constant with film thickness 2—4263
TiO_x, anodic, stripping from metal, a.c. procedure 2—40825
$Ti_xSi_yC_z$, chemical vapour deposition, phase equilib. 2—25213
UO_2, epitaxial, growth and neutron irrad. effects 2—29045
V, electron energy losses 2—6704
V, epitaxial growth on LiF and NaCl substrates 2—9272
W, chemical deposition, reactions, in W-Cl system 2—25214
W, chemical vapour deposition, FIM study 2—22073
W, on W, two dimensional crystal growth and surface migration 2—18947
W, sputtered from hot-pressed targets, contamination levels 2—32383
W Hall effect, H_2 chemisorpt. effects 2—40186
$Y_3Fe_{5-x}Ga_xO_{12}$ film magnetic, uniaxial, growth by chem. vap. deposition 2—9288
YIG, Ga-substituted, epitaxial strains and fracture 2—35897
Yb, band struct. determ. by X-ray photoemission 2—22464
Yb, interatomic distance, grain size and surface tension effects 2—29034
Yb h.c.p.⇌f.c.c. martensitic transform., phase stability 2—39992
ZnO, d.c. and r.f. sputtered, struct. 2—39536
ZnO, sputtered, c-axis orientation, substrate depend. 2—6356
ZnS, electrooptical quality, epitaxial growth and props. 2—9290
ZnS, epitaxial, growth from vapour, struct., resist., cathodolum. 2—39535
ZnS, epitaxial, on sapphire, orientation, deposition parameter depend. 2—1188
ZnS, epitaxial, prep. by r.f. sputtering 2—29047
ZnS, epitaxial growth on GaAs substrate 2—9289
ZnS, rare earth dopded., prep. by ion implantation 2—19119
ZnS, struct., rel. to sorption behaviour 2—9291
ZnS on Si, triode r.f. sputtering system 2—32384
ZnSe, electrooptical quality, epitaxial growth and props. 2—9290
ZnSe, epitaxial, growth from vapour, struct., resist., cathodolum. 2—39535
ZnSe, epitaxial deposition on Ge substrate 2—18948
ZnTe, gas phase deposition 2—35898
ZnTe, recrystallization rel. to struct., elec. and optical props. 2—29046
Zr, glow discharge deposition, on steel and W fine wires 2—3525
Zr, on Nb and W, two dimensional crystal growth and surface migration 2—18947

electrical properties
actin, oriented muscle protein, piezoelectric effect 2—1577
alkali halides electron scattering and secondary emission 2—29789
alkali metal photoemission obs. of collective electron oscillations 2—16329
alumina, hydrous, dielec. props., effect of H_3BO_3 2—9265
alumina, hydrous, dielec. props. 2—9264
alumina-phosphate coating, electrical insulating and other properties 2—13300
amorphous, dielec. polarization current, space charge contrib. 2—4271
amorphous semiconductor, switching, thermal effects 2—6794
anodic oxide, theory of ionic conduction 2—40331
anodic oxide, Zircaloy-2 substrate, elec. breakdown 2—10113
anodic oxides, ionic cond. and dielec. props. 2—19745
anthracene, γ-irrad., I-V characts. 2—29681
anthracene, space charge limited currents with uniform and non-uniform trap distrib. and size effects 2—40266
anthracene alkyl-substituted analogues, cond., photocond. 2—13249
barium stearate, film, thickness dependence of dielectric breakdown 2—4278
book 2—29022
borosilicate, in m.i.m. structure, space charge effect on elec. strength depend. on insulator thickness 2—29734
cadmium arachidate, organic monomolecular layers, in m.i.m. struct., neg. resistance obs. 2—36568
chlorophyll-a films, conductivity and photovoltaic effects 2—26942
chromium(III) trisacetylacetone semiconductivity 2—36522
copper phthalocyanine, photo-e.m.f. spectra, near i.r. 2—6907
dielectric, filamentary thermal breakdown 2—13305
dielectric coating, effect on supercond. transition temp. of thin film 2—6767
diphenylpolyene, trap distrib., space charge limited current obs. 2—40267
DNA films, oriented, piezoelectric strain constants from −170 to 30°C 2—40364
doped and undoped, Poole-Frenkel effect 2—1527
electromigration damage inhibition 2—39725
electron emission, thickness depend. 2—13081
energy bands and surface states, thickness depend. 2—13081
epoxypolyamide varnish, ionic conduction rel. to Fe_2O_3 pigmentation 2—1564
ferroelectric, research status and device potential 2—40338
ferromagnet, Procopiu effect, induced e.m.f. 2—6981
ferromagnetic, galvanomagnetic voltage charact. 2—4387
insulating, dielec. and transport props. 2—40322
insulator with traps, dielec. relax. currents 2—16262
Langmuir film, monomolecular layer 2—4273
layer, thin quantized, electron-charged impurity interaction 2—22456
metal, θ cutoff model of size effect in conductivity 2—36436

Films, solid continued
electrical properties continued
metal, chemisorption of gases, elec. resist. changes 2—32915
metal, cond. and thermoelec. power, size effect 2—29612
metal, discontinuous, charge activation theory of cond. 2—40162
metal, discontinuous, electrical conduction and electron emission 2—19540
metal, isotropic thin films, electron transport 2—4098
metal, longit. magnetoresist. and partially specular boundary scatt. 2—25756
metal, low temp. resistivity, failure of Bloch T^5 law 2—4153
metal, resist. study of electromigration 2—36075
metal, size-depend. cond. 2—19541
metal, thickness effects, piezoresist., resist. strain coeff. 2—40163
metal, with ellipsoidal Fermi surfaces, conductivity 2—4154
metal on dielec. substrate, pot. barrier height and tunnelling electron mass 2—1452
metallic, resist.-thickness data, Fuchs-Sondheimer theory fitting method 2—40164
myosin, oriented muscle protein, piezoelectric effect 2—1577
organic thin films, bistable switching 2—25831
paraconductivity meas., effect of thermal phonon pair breaking on fluctuations 2—16150
pentaerythritol alkyd varnish, ionic conduction rel. to Fe_2O_3 pigmentation 2—1564
perylene, pure and doped, bistable switching, metallic filament form. 2—16219
phenolformaldehyde tung oil varnish, ionic conduction rel. to Fe_2O_3 pigmentation 2—1564
phenoxatiin, transport processes, thermoelec. e.m.f. and I-V charaets. obs. 2—16217
photoemission, boundary scatt. effects 2—33087
photosensitive deformable films, applic. 2—22636
poly(γ-benzyl-L-glutamate), oriented films, real and imaginary components of complex strain constant in temp. range −180 to +180°C 2—22630
poly(piperazine amides) 2—9293
poly(vinyl fluoride), electret film, piezoelec. props., piezoelec., dielect., elastic consts. 2—10131
poly N-vinyl carbazole, thermal activation energy of conductivity and trap structure 2—36524
poly-n-vinylcarbazole, radiation induced conductivity, charge carrier yield obs. 2—19535
polyacrylonitrile, evaporated film, conductivity −100 to 100°C 2—29650
polyacrylonitrile thin film formation by vacuum deposition, semiconductorization 2—29048
polycrystalline, model, thermoelec. effect, Hall effect 2—25940
polydiphenylacetylene, hole mobility 2—1530
polyethylene terephthalate, anomalous induced transient cond. 2—32995
polymer, bistable electrical switching 2—6873
polymer electric surface discharge 2—6116
polymer foils, prod. of high quasipermanent charge densities by breakdown fields 2—25923
polytetrafluoroethylene, r.f. sputtered, dielec. props. 2—29049
polyvinyl chloride, dielec. loss, mechanical strength, electric discharge effect 2—16269
polyvinyl chloride, photocond., field and pressure depend. 2—33080
polyvinylfluoride, pyroelectric, application to i.r. detector, high D* 2—7770
polyvinylidene fluoride, poled, pyroelec. props 2—40367
polyvinylidene fluoride, pyroelectric coefficient 2—19955
Poole-Frenkel emission model 2—4103
PVC and PVF films, piezoelectric effect induced by rolling during processing 2—19773
quantum size effect, direct verification 2—40125
refractory metal oxide, by ionized gas anodization, elec. and optical props. 2—13301
resistance, circuit for remote obs. 2—2328
resonant tunnelling, thickness depend. 2—13081
semiconductor, amorphous, electro-thermal switching, model 2—9994
semiconductor, amorphous, negative differential cond. due to electrothermal instabilities 2—6802
semiconductor, amorphous, review 2—10005
semiconductor, characterization during deposition from field-effect meas. 2—40231
semiconductor, conductivity and Hall mobility, van der Pauw method 2—9991
semiconductor, current calc. by method of damped electron waves 2—16196
semiconductor, Ge, amorphous, effects of reactor irradiation 2—4232
semiconductor, Ge-Se(Te) glass 2—1516
semiconductor, non-cryst., non-ohmic behaviour and switching 2—19632
semiconductor, Si, chemically deposited, resist. and Hall mobility 2—1536
semiconductor, size-quantized, cond. temp. depend. 2—4194
semiconductor, tetrahedrally bonded amorphous, elastic deform. effect on elec. cond. 2—36489
space charge limited conduction, image force effects 2—19630
superconducting, critical point fluctuations and excess noise in In and Sn films 2—40188
superconducting, fluctuation- induced cond. above T_c Maki contrib. 2—40202
superconducting, normal metal coated, tunnelling and energy spectrum 2—9965
superconducting small structures, Josephson-like behaviour 2—13132
superconducting transition temp. changes 2—13127
superconductor, anomalous, paracond. 2—16164
superconductor, crit. temp., effect of dielectric coating 2—6767
superconductor, dirty, fluctuation of order parameter and Hall effect 2—6765
superconductor, fluctuation conductivity in mag. fields 2—19557
superconductor, flux flow, V-I plots 2—19561
superconductor, paracond. due to fluctuations, mag. field effect 2—13129
superconductor, proximity effect 2—16159
surface-barrier structures by chemical deposition of Au, Ni, Ag, In, Si and Zn on GaAs 2—25892
tetracene, pure and doped, bistable switching, metallic filament form. 2—16219
tetracene films, photovoltages 2—1585
thermally stimulated exoelectron emission 2—10151
thermoelectric sensitivity meas. of thin films 2—13334
transition metals, amorphous, annealing effects on resist. 2—15667

Films, solid continued
electrical properties continued
AL-(Al_2O_3)-CdS-Al switching element, post-breakdown conduction mechanisms 2—19720
Ag, grown in longit. elec. field, resist. 2—9953
Ag, photoemission from optically excited nonradiative surface plasma oscillations 2—13357
Ag, polycryst., geometrical size effect 2—19542
Ag, resist. and Hall coeff., geom. size effect 2—1481
Ag, resistance strain characs., rel. to strain coeffs. for electron mean free path and free electron density 2—9954
Ag, reson. effect in photoemission 2—16328
Ag, thermopower, electronic struct. 2—16302
Al-Cu, electromigration failure activation energy 2—39736
Al-Cu alloy, activation energy for electromigration 2—12797
Al-Cu conductors, electromigration life, microstructure effects 2—39735
Al-Cu thin films, electromigration damage 2—6344
Al-4%Cu, resistance changes due to precipitation during power annealing 2—32759
Al-Ge, coevaporated, normal and supercond. props. 2—32926
Al-Pb junctions, superconducting, 9.3 GHz phonon electron interactions 2—4164
Al, anomalous paracond. 2—16164
Al, containing Si, electromigration induced failure 2—6510
Al, disordered, resistive transitions and critical fields 2—13149
Al, Ginzburg-Landau parameter, mag. transitions and supercooling meas. discrepancy 2—9968
Al, granular, momentum depairing in paracond. regime 2—13148
Al, granular, supercond. enhancement mechanism 2—13154
Al, paracond., elec. field depend. 2—13152
Al, piezoresist. props. 2—16139
Al, resist. variation on annealing 2—1659
Al, supercond., quasiparticle recomb. time, thickness depend. 2—13153
Al, supercond., thickness depend. of transition temp. 2—13150
Al, supercond. parameters and size effects 2—36464
Al, supercond. T_c enhancement 2—9969
Al, with enhanced supercond. T_c, localized state effects 2—22504
Al supercond. strips, collective excitations 2—13156
Al_xN_y, insulator props. 2—39493
Al_2O_3, chem. vapour deposited, breakthrough voltage 2—39490
Al_2O_3, electron beam evap., effect of substrate potential 2—40310
Al_2O_3, for gate insulation and passivation 2—1556
Al_2O_3, formed by electron-beam evaporation, dielec. props. 2—35884
Al_2O_3, in m.i.m. structure, space charge effect on elec. strength depend. on insulator thickness 2—29734
Al_2O_3, r.f. sputtered, current transport mechanisms 2—13293
Al_2O_3 on Al, 30 to 600Å, work function, saturation photocurrent and contact potential obs. 2—6913
Al_xO_y, ion implanted, cond. mechanisms 2—13111
As-Se amorphous layers, effective lifetime of charge carriers 2—29673
As_2S_3-Sb_2S_3, cond., hopping mechanism 2—36493
As_2S_3, amorphous, a.c. and d.c. cond. 2—10006
As_2Se_3, vitreous, charge carrier mobility, cond., band struct. 2—4205
Au-Al_2O_3-Al thin film sandwiches, electron-electron interaction parameter in Au films from proximity effect 2—36479
Au-LiF-Au and Au-LiF-Al capacitors, preparation by vacuum evaporation 2—39494
Au-SiO, cond. mechanism 2—12656
Au-oxide cermets, secondary electron emission 2—10163
Au, charact. electron energy loss spectra, collective surface oscillations 2—16124
Au, composite discontinuous, temp. depend. cond. 2—16142
Au, discontinuous, resist., rel. to substrate absorpt. of O_2 2—40170
Au, elec. resistance obs. 2—22488
Au, electroless deposit, resist. 2—3524
Au, grown in longit. elec. field, resist. 2—9953
Au, on Si, resist., temp. depend., rel. to possible cpd. form. 2—3493
Au, photoelec. emission, mean free path of hot electrons 2—16330
Au, resist. and electromigration-induced failures 2—19544
B_2O_3-SiO, a.c. and d.c. cond., and e.s.r. obs. 2—40324
B_2O_3, amorphous films, in situ meas. of capacitance and permittivity 2—4265
$BaTiO_3$, r.f. sputtered, cond., insulator bulk charge, ferroelec. 2—40347
Bi-Sb, 4-77K 2—36495
Bi, galvanomag. effects, quantum size effect 2—25765
Bi, supercond., thickness depend. of transition temp. 2—13150
Bi_2S_3-Sb_2Se_3 photoelec. props., sensitivity, s.p. resist. 2—36607
$Bi_4Ti_3O_{12}$, ferroelec., domain struct. and polarization reversal 2—40350
C, amorphous, conduction mechanisms 2—13221
C, amorphous, tunnelling between localized states 2—13222
C, condensed, secondary emission, effect of primary-electron incidence angle 2—29790
CO, cond., thickness and annealing temp. depend., and electron m.f.p. calcs. 2—6349
Cd_3As_2, prep. by crystalliz. of melt compressed between two backings, semicond. props. 2—32975
$Cd_{0.1}Hg_{0.9}$ Te, vacuum deposited, Hall coeff., and mobility thickness depend. 2—10012
CdS, conductivity, u.h.v. chamber for obs. 2—23204
CdS, film, photoelectret phenomena and dark polarization current 2—10130
CdS, solution spray prep., Hall mobility, rel. to cryst. orientation 2—32971
CdS, vacuum evaporated, Hall mobility, resist., photosensitivity 2—36492
CdS layers, photothermoelec. analysis, carrier density and mobility 2—16310
CdS photoelectronic props. for light valve displays 2—22650
CdSb:Ag(Ge)(Te), Hall coeff. and specific resist. 2—36046
CdSb prep. by crystalliz. of melt compressed between two backings, semicond. props. 2—32975
CdSe:Cu, Cl, sintered, operation in longitudinal photoconductivity mode 2—29764
CdSe-SiO_x, in m.i.m. struct., conduction mech., interface phenomena 2—13291
CdSe, cond. mechanism, effect of annealing 2—10011
CdSe, on $Ba_xSr_{1-x}TiO_3$ substrate, I-V characts., supersonic carrier drift vel. 2—19416
CdSe, photoelec. props. during activation 2—22641
CdSe, photoemission obs. of energy struct. 2—6925
CdTe:Cd, annealed in Cd vapour, elec. cond. rel. to annealing temp. 2—29663

Films, solid continued
electrical properties continued
CdTe, photodielectric effect model based on conductivity hypothesis 2—40376
Co-Ni alloy, Hall effect and magnetoresist. 2—13403
Cr, discontinuous, on dielec. substrate, electron cond., resist. coeff., 130-300K 2—40180
Cr, plastic film substrate, r.f. sputtered, sheet resistivity 2—39504
Cs, cond., use in thermal cond. evaluation 2—29567
Cs, photoemission obs. of collective electron oscillations 2—16329
Cu-Fe dil. alloys, Kondo effect 2—32917
Cu-Ni alloy, thermopower, thickness depend. 2—6893
Cu, backed by Pb, induced supercond., tunnelling obs. 2—6775
Cu, thin, absorbed Ar effects obs., at 10-^{6} torr pressures 2—1485
Eu_3As_2, photocond., rel. to mag. order determ. 2—36722
EuO, resist. temp. depend., spin flip scatt. 2—36504
Eu_3P_2, photocond., rel. to mag. order determ. 2—36722
Fe_2O_3 pigmentation effect on ionic conduction of polymer films 2—1564
Fe_3S_4, electrostatic polarization, electron diffr. 2—19751
Ga, supercond., thickness depend. of transition temp. 2—13150
GaAs:Si layers, n- to p-type conversion, substrate orientation depend. 2—1515
GaAs:Zn, Cd, heteroepitaxial, hole mobilities 2—22531
n-GaAs, cond., field depend., low temp. 2—6814
GaAs, epitaxial, effect of prep. conditions 2—35894
GaAs, epitaxial, Hall mobility, rel. to impurity incorporation 2—9276
n-GaAs, epitaxial, photocond., influence of state of surface 2—22643
GaAs, epitaxial, r.f. sputtered, resist. 2—29047
n-GaAs, evaporated, fundamental electronic props. 2—40244
n-GaAs, Hall effect, cond., impurity levels, carrier mobility 2—6812
GaAs, magnetoresist. anisotropy, thickness, field and temp. depend. 2—19678
GaAs epitaxial layers, capacitance meas. rel. to doping profile determ. 2—25431
n-GaAs epitaxial layers, carrier conc. rel. to impurity conc. 2—29685
GaN, r.f. sputtered, resistivity obs. 2—18937
GaP epitaxial layer, doping gradient, C-V characts. 2—22222
GaP layers on Ge substrates, free carrier conc. and autodoping effect 2—36507
GaSb, amorphous, tunnelling, effect of temp. and doping 2—19647
Ge, amorphous, annealed 2—40291
Ge, amorphous, effects of reactor irradiation 2—4232
Ge, amorphous, electrode effects 2—10066
Ge, amorphous, photoemission, electronic struct. 2—4324
Ge, amorphous, transport mechanisms, thermoelectric obs. 2—10069
Ge, amorphous, transport props. related to optical and structural props. 2—13273
Ge, charge carrier mobility, thickness depend. 2—1532
Ge, epitaxial, elec. cond. and Hall effect 2—10067
Ge, obliquely deposited, photovoltage and resistance obs. 2—36616
Ge, on Ge and sapphire substrates, conduction rel. to crystalline struct. 2—36542
Ge, photovoltages larger than band gap 2—16321
Ge amorphous, e.p.r., resistivity rel. to ageing process 2—4551
Ge_xSe_{1-x} glass 2—1516
$GeSi_{1.2}As_3Te_{4.8}$ glass, switching noise 2—22530
Ge_xTe_{1-x} glass 2—1516
$Hf_yTa_{1-y}N_x$, sputtered, resist., comp. depend. 2—9277
In/Zn superimposed layers, mixed state props., critical phenomena 2—16177
In-Mn dil. alloys, supercond. T_c and electronic thermal cond. 2—19582
In, electromagnetic generation of transverse acoustic waves at 9 GHz 2—13119
In, Ginzburg-Landau parameter, mag. transitions and supercooling meas. discrepancy 2—9968
In, resist. peak at supercond. transition 2—6776
In, supercond., penetration depth and flux creep 2—40206
In layer between ferrites, supercond. transition temp. obs. 2—13163
InAs, sputtered, resist. and Hall mobility 2—10023
$InAs_xSb_{1-x}$, absolute zero energy gap, optical, photoelec. and galvanomag. obs. 2—40277
InN, r.f. sputtered, resisitivity obs. 2—18937
InSb, amorphous, tunnelling, effect of temp. and doping 2—19647
K, cond., use in thermal cond. evaluation 2—29567
K, photoemission obs. of collective electron oscillations 2—16329
KCl, porous, energy distrib. of transmitted secondary electrons 2—25985
La_2O_3, breakdown strength, thickness depend. 2—13306
MgF_2, surface potential, in presence of Malter emission 2—29777
$Mn_xFe_{3-x}O_4$, ferrite, resistivity 2—19907
Mo, discontinuous, r.f. cond., oxidation and chemisorpt. of O_2 effects 2—40178
Mo, on thermally oxidized Si, resistivity 2—12660
Na, vapour quenched and annealed, photoelectric electron emission 2—6930
NaCl, epitaxial, dielectric properties 2—10109
Nb-Al-Ge, high vac. annealed, supercond. props. 2—40200
Nb-Al-Ge, supercond. critical parameters 2—32942
Nb, r.f. sputtered, resist. ratio, transition temp. intrinsic mean free path 2—25788
Nb, supercond., flux line lattice and dislocations 2—19592
Nb, supercond. 2—32946
Nb film, supercond. transition temp., deposition parameter depend. 2—9970
Nb foil, ion bombarded, destruction of supercond. 2—6778
Nb_3(Al, Ge), vacuum deposited, supercond. props. 2—40208
NbN, reactively sputtered, supercond. props. rel. to substrate temp. and struct. 2—40199
NbN, stabilized, a.c. losses 2—9971
NbN, supercond., critical parameters 2—32942
NbN, supercond. props., thickness depend. 2—19589
Nb_2O_5, m.i.m. struct., dielec. relax. and tunnelling rel. to metallic impurities 2—10099
Nb_3Sn layers on Nb, supercond. 2—12661
$Nb_{0.88}Ti_{0.12}N$, supercond. fluctuation rounding of resistive transition 2—13166
Nd_2O_3, breakdown strength, thickness depend. 2—13306
Ni-Cr alloy, sheet resist., thickness and comp. depend. 2—32373
Ni-P, resist. change correl. with struct. transform. during annealing 2—15969

Films, solid continued
electrical properties continued
Ni, discontinuous, on dielec. substrate, electron cond., resist. coeff., 130-300K 2—40180
Ni, resist., spontaneous evolution 2—9958
Ni, thickness dependence of the thermopower and temperature resistance coefficient 2—6892
Ni, transverse magnetoresist. anisotropy and geometrical size effect 2—32921
NiCr, amorphous thin film, occurrence of e minimum in the electrical resistance meas. between 42 K and room temp. 2—13107
NiTe, polycrystalline thin film, electrical and galvanomag. props. as function of thickness 2—1520
Pb/Cu double layers, parallel critical mag. fields 2—16187
Pb/Cu double layers, supercond., thickness depend. of critical mag. field 2—9973
Pb-Cu-Pb sandwiches, supercurrent density 2—9961
Pb-In alloys, proximity effect and sp. ht. jumps 2—19593
Pb, Ginzburg-Landau parameter, mag. transitions and supercooling meas. discrepancy 2—9968
Pb, intermediate state, resist. oscillatory mag. fields influence 2—13176
Pb, Pb/Xe, Pb/SF_6, conductivity, rel. to SF_6^- charge exchange mechanism 2—20173
Pb, supercond., fluctuation effects in cond. 2—13171
Pb, supercond., influence of film edge on resistance peak 2—4171
Pb, supercond., mag. flux penetration and eddy current damping 2—36467
Pb, supercond., thickness depend. of transition temp. 2—13150
Pb, supercond. mag. relax. and eddy current damping 2—25792
Pb, supercond. u.s. attenuation. surface sheath effect 2—29638
Pb, superconductor, Ginzburg-LAANDAU surface parameter determ. using acoustic surface waves 2—19596
Pb, thick, backed by Fe, proximity effect, tunnelling obs. 2—16186
Pb and Pb-30%Bi disordered superconducting films, comparison of specific heat and tunnelling data 2—9979
$Pb_{0.92}Bi_{0.07}La_{0.01}(Fe_{0.405}Nb_{0.325}Zr_{0.27})O_3$, sputtered, ferroelec. memory performance 2—40356
PbI_2, anomalous photovoltages 2—13342
PbO, reactively sputtered, comparison of α- and β-type 2—4215
PbS, effects of gas treatment on temp. coeffs. 2—36612
PbS, mechanisms of photosensitivity 2—36613
PbS, photoconductivity and related properties, effects of baking 2—22647
PbS, photosensitivity, struct. defects depend. 2—3773
PbSe vacuum deposited films 2—6821
$Pb_{1-x}Sn_xTe$, Hall effect and photocond. 2—32375
$Pb_{1-x}Sn_xTe$ epitaxial layers, bulklike photocond. 2—10139
PbTe, electron-electron scatt. effects in photoelec. emission 2—10160
PbTe, epitaxial, Hall mobility 2—9279
PbTe and $Pb_{1-x}Sn_xTe$ epitaxial layers, Hall mobilities 2—4214
Pbs, photoconductivity, spectral response 2—16315
Pd, discontinuous, on dielec. substrate, electron cond., resist. coeff., 130-300K 2—40180
Pt-Au alloy, on ceramics, resistivity rel. to prep. technique 2—1182
Pt, discontinuous, on dielec. substrate, electron cond., resist. coeff., 130-300K 2—40180
Pt, grown in longit. elec. field, resist. 2—9953
Rb, cond., use in thermal cond. evaluation 2—29567
Rh, discontinuous, on dielec. substrate, electron cond., resist. coeff., 130-300K 2—40180
$SbCs_3$ layers, photoelec. quantum yield in electron camera 2—10161
ScAs(P) epitaxial layers, Hall mobility, carrier conc., energy gaps 2—9282
Se:Cl, As, amorphous, hole and electron range control 2—10032
Se, amorphous, attenuation length of excited electrons 2—32987
Se, amorphous, elec. cond., temp. depend, and mechanism 2—25826
Se, amorphous, exponential hole trap distrib. in forbidden band, photoresponse obs. 2—25957
Se, amorphous, photocond. 2—32989
Se, amorphous, space charge I-V characts., uniform trap distrib. 2—13259
Se, polarized memory effect 2—32988
Se, single crystal, Cd, Te electrodes, space charge limited current 2—10031
Se amorphous layers, effective lifetime of charge carriers 2—29673
Si/spinel, heteroepitaxial carrier recomb. and trapping, transient response to elec. irrad. 2—25860
Si, chemically deposited, resist. and Hall mobility 2—1536
Si, epitaxial on sapphire, carrier transport mechanisms, m.i.s. deep depletion Hall effect struct. obs. 2—40293
Si, polycryst., chemically deposited, resistivity 2—22570
Si, polycryst., piezoresist. props., resist. temp. coeff., gauge factor 2—10072
Si ion sapphire, depth variation by m.o.s. Hall technique 2—19688
Si_3N_4, influence of Si clusters 2—9257
SiO, between Al electrodes, high temp. breakdown 2—13308
SiO_2, electrochem. charging by injected electron currents 2—13304
SiO_2, sputtered, field dependence of relaxation phenomena 2—19747
SiO_2, thermal-grown, characteristics 2—18942
SiO_2, thermally grown, hole currents 2—40306
SiO_2 ion implanted, rel. to semicond. device technology 2—25210
SiO_2 layer, defects, activation energy of charge carrier diffusion 2—25911
SiO_2 on Si, dielec. breakdown 2—10103
SiO_2 on Si, recombination and trap centres 2—6855
SiO_x, anodic oxide, local electrolytic breakdown regions 2—9284
SiO_x, reactively evaporated film, e.s.r. study, spin density meas., electrical conduction props. 2—1726
SiO_x, reactively evaporated film, e.s.r. study, spin density meas., electrical conduction props. 2—1726
Si_2Te_3, amorphous, switching props. 2—19671
Sn-In, electromigration, void marker motion 2—6511
Sn-In, marker motion during electromigration 2—39747
Sn-In alloy, anomalous, paracond. 2—16164
Sn, films, cylindrical, stability of supercurrents 2—36471
Sn, Ginzburg-Landau parameter, mag. transitions and supercooling meas. discrepancy 2—9968
Sn, resist. peak at supercond. transition 2—6776
Ta, sputtered, prop. changes on $\beta \to \alpha$ phase transform. 2—39530
Ta, sputtered, resist., Hall coeffs., variation with depth 2—32922
Ta, sputtered, resist., oxygen effect 2—9286
Ta, sputtered, two layer model elec. conductivity 2—6764
Ta, sputtered in Ar-H_2O mixture, resist. rel to O_2 content 2—39532
Ta, sputtered in Ar-O_2, resist., effect of oxygen content 2—29044

Films, solid continued
electrical properties continued
Ta_2N, temp. coeff. of resist., film effects determ. from study of bulk samples 2—22495
Ta_2O_5/Al_2O_3 mixture, dielec. const., differential field strength 2—3548
Ta_2O_5, amorphous, complex dielec. const., thickness effects 2—40326
Ta_2O_5, current transport, effective dielec. const. 2—6872
Ta_2O_5, dielec. loss behaviour 2—40325
Te:Ag(Sb), Hall coeff. and specific resist. 2—36046
Te, on TGS substrate, ferroelec. field effect temp. dependence 2—36517
Te, semiconductor, characterization during deposition from field-effect meas. 2—40231
$Te_{40}As_{37}Ge_7Si_{18}$/Ge electrode, ovonic threshold switching 2—10082
Ti:O, cermet, elec. resist., temp. and strain effects 2—40184
Ti, change in electrical resistivity on bombardment with Ar^+ ions 2—22496
Ti, elec. resist., resist.-temp. characts., thickness effects 2—40185
TiO_2, amorphous, dielec. const. freq. depend., Cole-Cole diagrams 2—40327
TiO_2, thin amorphous film, variation of dielectric constant with film thickness 2—4263
TiO_2 chemisorption probe for detection of H atoms 2—30106
Ti_xO_y, ion implanted, cond. mechanisms 2—13111
VO_2, fast metal-insulator transition, laser beam induced 2—10054
VO_2, thermoelec. power, Hall mobility, struct. dependence 2—19654
WO_3, in m.i.m. struct., a.c. and d.c. characs., negative resistance obs. 2—36567
ZnO, d.c. and r.f. sputtered 2—39536
ZnS:Cu, Cl, optical and electrical switching of dark cond., and photocond. at 77K 2—40380
ZnS:Tb^{3+}, hot-electron impact excitation of electroluminesc. 2—16637
ZnS, epitaxial, r.f. sputtered, resist. 2—29047
ZnS, vapour deposited thin layer, prep. and electroluminescence 2—36963
ZnTe, cond., thermal e.m.f. stoichiometry depend. 2—25829
ZnTe, recrystallization rel. to struct., elec. and optical props. 2—29046
magnetic properties
anisotropy direction, uniaxial, nondestructive method determ. 2—1618
Bloch walls, two-dimens. approx. 2—40504
book 2—29022
bubble domains in strips 2—36738
bubble material, magnetiz. and intrinsic length meas. method 2—40447
cubic materials with induced anisotropies, crystallographic considerations for bubble devices 2—36734
domain boundaries, width, energy, rel. to magnetization angle of rot., film thickness 2—19817
domain wall, crit. velocity and mass, variational calc. 2—26021
domain wall, defocused mode Lorentz electron microscopy, optical wave theory 2—36695
domain walls, weak beam Lorentz microscopy obs. 2—4384
dynamic domains, arising from incoherent rotation, stroboscopic Lorentz microscopy obs. 2—36694
dynamical pinning and spin wave reson. 2—10466
Elinvar, domain struct. and remagnetization process 2—13406
ferrite, spectrum of surface magnetostatic waves 2—1721
ferro-ferromagnetic multi-layer, stray field coupled, switching curves 2—4388
ferromagnet, deformed, magnetoelastic energy calc. 2—36720
ferromagnet, domain wall energy meas., interpretation 2—19896
ferromagnet, H_k and H_c meas., M_s vibration method 2—10220
ferromagnet, phase transition, molecular field theory 2—40433
ferromagnet, Procopiu effect, induced e.m.f. 2—6981
ferromagnet, spin-wave resonance, theory 2—20125
ferromagnetic, anisotropic, application to magnetometer, patent 2—17530
ferromagnetic, determ. E.M.F. and associated nonlinear differential equations 2—26046
ferromagnetic, electron interference obs. for magnetiz. measurement 2—36721
ferromagnetic, galvanomagnetic voltage charact. 2—4387
ferromagnetic, magnetometers review 2—23508
ferromagnetic, point defects 2—4386
ferromagnetic, standing spin wave reson. of diffusion and coupling between films 2—40502
ferromagnetic, symmetrical walls, magnetostatic energy 2—4385
ferromagnetic, texture and internal stress effects on perpendicular anisotropy 2—6982
ferromagnetic, thin film, surface inhomogeneity model 2—1637
ferromagnetic reson., dynamic micromag. effects 2—40742
ferromagnetic reson., static micromag. effects 2—40741
ferromagnetic resonance, stabilization of weak magnetic field 2—17529
flux reversal, review 2—40503
garnet, growth-induced noncubic anisotropy rel. to bubble applic. 2—36731
hysteresigraph method for prop. eval., M-signal analysis 2—33150
inhomogeneous, Bloch wall creeping, wall energy, wall coercivity 2—19859
Invar, spin wave reson., dispersion coeff. obs. 2—40744
magnetic friction forces rel. to magnetization vector film plane angle 2—16335
magnetic texture, determ. by galvanomag. effect meas. 2—16334
magnetization, cyclic, reversal spectra 2—26047
magnetization intensity variation during incoherent rotation 2—36719
magnetization parameters derivation from domain theory and obs. 2—36691
magnetoelastic constants, structural properties, memory elements 2—19893
magnetoelastic Love wave propag. in metal-coated layered substrates 2—13401
magnetometer, automatic, for investigation 2—27402
metal, quantum magnetoacoustic oscillations 2—6722
multilayer, exchange interaction phenomena, review 2—19892
noise voltages induced by magnetization in harmonic fields 2—10221
oxide, heteroepitaxial, stress model 2—22069
Permalloy, domain patterns after plastic deform. 2—40508
permalloy, electro- deposited, time instability 2—10222
Permalloy, ferromag. reson. linewidth, temp. depend. 2—40743
Permalloy, intrinsic ferromag. reson. linewidth 2—20126
Permalloy, magnetic anisotropy in local regions, by Lorentz microscopy 2—13409
permalloy, magnetization reversal, stray field blocking, rotational hysteresis 2—4393

Films, solid continued
magnetic properties continued
permalloy, magnetization reversal 2—19891
Permalloy, magnetostatic interaction of mosaic struct. elements 2—40505
Permalloy, plated, cylindrical type, magnetic stress anisotropy field 2—1619
permalloy, polycryst., beam broadening due inelastic electron scatt. 2—4389
Permalloy, spin wave reson. linewidth depend. on thickness 2—7111
Permalloy cct. elements, magnetiz. 2—36713
permalloy film, spin-wave resonance fields, linewidths and intensities 2—13527
rare earth garnet, bubble parameters, temp. depend. 2—36749
rare earth iron garnets, film/substrate matching requirements for bubble form. 2—36750
recording, domain studies by longitudinal Kerr magnetooptic effect 2—19861
recording heads, efficiency analysis 2—7832
spin wave freqs., guide-curve theory 2—40738
spin wave resonance, ferromag. film with asymmetric boundary conditions 2—26255
spin waves and mag. moment oscillations, mag. defects 2—29822
strained, deform. of cross-linked domain boundaries 2—29821
superferromagnetism, Gd, Gd-Au films 2—4390
uniaxial mag. anisotropy, instantaneous meas. by rotating field magnetometer 2—27403
Al, n.m.r., Knight shift, supercond. T_c phenomena 2—16174
Co-Ni alloy, Hall effect and magnetoresist. 2—13403
Co-P, chemical deposition, magnetization in circular alternating and longitudinal continuous fields 2—13404
Co, amorphous, magnetoresist. 2—33151
Co, applic. of vertical astatic magnetometer 2—27405
Co, bubble domain nucleation 2—26048
Co foils, temp. stability of bubble domains 2—36699
^{57}Co surface layer diffused on Ni-Al alloy, Mossbauer effect 2—40619
Cu-Fe(Mn) alloys, spin ordering 2—10243
Er Fe garnet, bubble domain, epitaxy 2—29823
$Er_2EuGa_{0.7}Al_{0.7}Fe_{3.6}O_{12}$, growth-induced anisotropy, temp. depend. 2—40523
$Er_3Ga_{0.7}Fe_{4.3}O_{12}$, bubble domains 2—36742
Eu_3As_2 ordering, photocond. and optical absorpt. study 2—36722
$Eu_{3-x}Er_xFe_5O_{12}$, domain wall mobility correl. with Ga conc. 2—40524
EuO:Fe, Eu, chemical stability obs., application to beam-addressable memory 2—26049
EuO:Fe, Gd magneto-optical props. 2—13438
EuO, sputtered, enhanced ferromag. props. 2—12658
Eu_3P_2, ordering, photocond. and optical absorpt. study 2—36722
$Eu_xY_{3-x}Fe_{5-y}Ga_yO_{12}$, bubble domains, uniaxial anisotropy 2—36743
$Eu_xY_{3-x}Fe_{5-y}Ga_yO_{12}$, epitaxial, rel. to suitability for bubble domain devices 2—22690
Fe:Si, thickness rel. to domain struct. and mag. props. 2—16368
Fe-Gd alloy, mag. compensation 2—13405
Fe-Ni-Co/SiO_2/Fe-Ni-Mo layer system, domain boundaries and coercive force 2—13407
Fe-Ni-P, mag. field induced anisotropy 2—36725
Fe-Ni, domain boundary creep, temp. depend., 20 to −190°C 2—9644
Fe-Ni, electrodeposited, perpendicular anisotropy 2—36723
Fe-Ni, electrodeposited on cylindrical substrate, hysteresis loops 2—40507
Fe-Ni, exchange stiffness const. 2—19897
Fe-Ni alloy, induced uniaxial mag. texture 2—26050
Fe-Ni films, exchange const. determ. from standing spin wave reson. 2—10467
Fe-Pd, epitaxial, anisotropy 2—36724
Fe-Pt alloy, spin wave resonance 2—10468
Fe-S, mag. moment, S conc. depend. 2—40479
Fe-Tb alloy, mag. compensation 2—13405
Fe, cylindrical, transverse Procopiu effect 2—26052
Fe, electrodeposited, coercive force, effect of fine cryst. struct. 2—19894
Fe, electrodeposited, coercive force, effect of S-containing cpds. 2—19895
Fe, electrodeposited grain size and coercive force, effect of thiourea 2—25198
Fe, epitaxial, inclined 90° mag. domain walls, Lorentz microscopy obs. 2—13408
Gd-Au, polycryst., superferromag. 2—4390
Gd, polycryst., superferromag. 2—4390
Gd, stress effect on Curie temp. 2—40509
$Gd_xY_{3-x}Fe_{5-y}Ga_yO_{12}$, epitaxial. rel. to suitability for bubble domain devices 2—22690
In, supercond., mag. transitions 2—22506
Mg-Mn ferrite, stripe domains, magneto-optical obs. 2—10310
MnBi, homogeneous, thermomagnetic writing 2—1636
MnBi, phase transitions and lattice parameters 2—4391
$Mn_xFe_{3-x}O_4$, ferrite, magnetiz. reversal and Curie temp. 2—19907
Ni-Co, exchange stiffness const. 2—19897
Ni-Co layer electroplated on Cu wires, remagnetization process 2—13411
Ni-Fe, cylindrical, transverse magnetiz. using modified Procopia effect 2—19881
Ni-Fe, electrodeposited, critical curves 2—19898
Ni-Fe, high temp. domain struct. 2—10223
Ni-Fe, magnetization state, thickness and eddy current effects 2—36726
Ni-Fe, magnetoresist., ang. depend. 2—33153
Ni-Fe, rel. to struct. 2—36728
Ni-Fe, trigger effect in constant mag. fields 2—40511
Ni, aporphous, spin wave reson. and stress effects 2—20129
Ni, electrodeposited, magnetization, substrate influence 2—4392
Ni, electrolytic, coercive force, tensile and torsional stress effects 2—4394
Ni, electrolytic, magneto elastic damping, anisotropy effects 2—4379
Ni, epitaxial, domain struct. from galvanomagnetic meas. 2—13410
Ni, epitaxial, plane galvanomag. effect anisotropy 2—33152
Ni, granular, magnetoresist. and Kerr rot. obs. 2—36727
Ni, microwave helicon-magnon interaction 2—16382
Ni, planar magnetoresistivity and planar Hall effect 2—40456
Ni, polycryst., annealing behaviour of magnetostrictively induced anisotropy 2—16381
Ni, transverse magnetoresist. anisotropy and geometrical size effect 2—32921
Ni film, critical grain size for ferromag. 2—40510
$NiFe_2O_4$ microstruct. depend. 2—18941
Pb, supercond., mag. flux penetration and eddy current damping 2—36467
Pb, supercond., mag. transitions 2—22506

Films, solid continued
magnetic properties continued
Pb, supercond. mag. relax. and eddy current damping 2—25792
Sn, supercond., mag. transitions 2—22506
$V_3Fe_{5-x}O_{12}$ film, uniaxial, and growth by chem. vap. deposition 2—9288
YIG:Ga, rare earth substituted. domain wall motion 2—40531
YIG, expt. verification of stress model 2—22069
YIG, ferromag. reson., spin wave band, signal edge obs. 2—40747
YIG, Ga-substituted, annealing effects 2—36752

optical properties
alkaline earth metal, reflectance and transmittance. optical consts. detn. 2—20017
anthracene, fluoresc. decay time 2—10443
anthracene akyl-substituted analogues, absorpt. spectra 2—13249
anti-reflection coatings, fused silica substrate, one shot laser damage threshold 2—27637
binary borosilicate glass, vapour deposited, i.r. absorption spectra 2—16484
book 2—29022
borosilicate glass films, vapour- deposited, i.r. spectrochem. analysis 2—13596
constants determ. method 2—33195
dielectric. absorp., scatt., and refractive index measurement 2—40599
dielectric layer thickness control by visible radiation, mirror applic. 2—31126
dielectric layers, meas of dispersion of refractive index by modified interference method 2—13432
ellipsometric method for det. of optical constants 2—11512
ellipsometric method for optical constants of absorbing substrate covered with transparent film 2—12651
filters, narrow-band, all-dielectric, turning value monitoring 2—17727
epitaxial GaAs optical, crystallographical characterization 2—32364
glass, on quartz, optical waveguide, mode conversion obs. 2—17482
guides, geometrical optics and applications 2—5400
heavy rare earths, direct absorption transitions at optical frequencies 2—26151
hexamethylcyclotrisiloxane, i.r. dichroism of oriented crystalline films 2—40686
integrated optics, light waves in thin films 2—2441
light absorbing, optical constants, thickness, ellipsometric meas. 2—6341
light guides, solution deposited thin films, doped with laser dyes for high optical gain 2—21167
metal, CO_2 laser mirror, minimization of damage susceptibility 2—27638
metal, review 2—19956
metal layers, i.r. absorbing power and thermal props. Bi, Sb, Sn, Ag and Au 2—19448
metal-dielectric multilayer application as optical element, book 2—2453
metals, reflectance and transmittance from oblique incidence measurements 2—31088
MgF_2, evap. quarterwave coating, ruby laser damage threshold 2—27636
mylar films, electroluminescence, non destructive electric breakdown 2—20118
mylar reflective plastic film, ageing and effects of bonding to substrate metallized side down 2—23704
optical coatings, low loss reflection, absorbing materials 2—34477
optical consts. determ. using parallel polarized radiation 2—13430
optoelectronics, development (1970-72) 2—34472
organosilicon, as light guides for integrated optics 2—38113
organosilicon, integrated optical circuitry and light guides 2—27627
oxide layers, in situ method for optical indices determ. 2—25204
photoplastic, in holographic interferometry 2—17661
photoresist, light guiding structures 2—17711
poly(piperazine amides) 2—9293
polyacrylonitrile. evaporated film, transmission and absorption spectra 2—29650
polyethylene terephthalate, i.r. radiation of thin films 2—40604
polyimide, i.r. radiation of thin films 2—40604
polymer films, apparatus for instantaneous meas. of u.v., visible or i.r. dichroism during high-speed stretching 2—29874
polymethylacrylate, photochromic properties, coloured by perionaphthothioindigo and 2-perionaphthopentiophen-2′-(5′- methylthionaphthene)-indigo dyes 2—40833
polystyrene, photochromic properties, coloured by perionaphthothioindigo and 2-perionaphthopentiophen-2′- (5′-methylthionaphthene)-indigo dyes 2—40833
polyvinylidene fluoride, poled, pyroelec. props. 2—40367
polyvinylidene fluoride, second harmonic generation 2—19955
reflectance and transmittance, double layer formulae 2—33202
reflectance and transmittance meas. of optical consts. 2—33203
reflection, transmission and phase shift of polarized light by imbedded films 2—7974
reflection by a system of nonabsorbing isotropic film-nonabsorbing isotropic substrate with randomly rough boundaries 2—3509
refractive index det. from interference maxima and minima of transmitted light 2—27591
refractory metal oxide, by ionized gas anodization, elec. and optical props. 2—13301
semiconductor, adsorpt. under size quantization conditions 2—7064
semiconductor, amorphous, review 2—10005
semiconductor, layered inhomogeneous structures, transmission and reflection spectra, layer thickness detn. 2—40643
surface, obs. by use of optical cavities 2—39473
synthesis of dielectric evaporated coatings 2—38055
thick, superconducting, e.m. wave transparency 2—13144
transition metal coatings, extreme u.v. reflectance spectra, characterization in 500-2000 Å region 2—17719
transmission, equilibrium point method for monitoring optical thicknesses 2—34470
transmittance of absorbing films using computer program 2—301
Uranium (3+) formate, low-temp. absorption spectrum, U^{3+} energy level scheme 2—10402
u.v. wide-band reflectors, chemical deposition from Th and Si oxides 2—34515
waveguide, mode conversion by acoustic surface waves 2—5294
YbS, YbSe, YbTe, absorp. spectra, energy band struct. and bond ionicity 2—16476
Ag, aggregated, effect of optical anisotropy on ellipsometric det. of n, k and d 2—40606
Ag, piezorefl., plasma oscillation obs. 2—29893
Ag, reflectivity spectra, interband transitions 2—10344

- **Films, solid** continued
  - **optical properties** continued
    - Ag, thin, modification under action of oxygen 2—1656
    - Ag, transition radiation ang. distrib., reson. behaviour near plasma freq. 2—33229
    - Ag and Ag alloys, 300 to 400 Å thick, optical consts. determ. from 2.4 to 4.4 eV 2—22749
    - Ag films, optical constants from reflection and transmission coeff. meas. 2—26103
    - Ag on Pt, specular reflection spectra, monolayer thickness range 2—9310
    - AgCl antireflection coating for Si in 2.5-50μm region, transmittance obs. 2—8012
    - Al, radiative decay of surface plasmons, photon emission 2—33251
    - Al, refr, index variation on annealing 2—1659
    - Al, roughness-induced scatt. and surface oscillations 2—4130
    - Al on Au and Pt diffraction gratings, deterioration of reflection coating by intermetallic diffusion 2—1661
    - Al surface plasmon excitation by photons, effect of different roughnesses 2—13102
    - Al_2O_3, anodic, photoluminesc. 2—13500
    - Al_2O_3, electron beam evap., effect of substrate potential 2—40310
    - Al_2O_3, formed by electron-beam evaporation. absorpt. 2—35884
    - Al_2O_3, porous anodic, light scatt., polariz. effects 2—19949
    - Al_2O_3, porous anodic, light scatt., coloration 2—13454
    - Al_2O_3 photo- and electroluminescence 2—20119
    - As, amorphous, reflector power and fund. absorpt. edge 2—29896
    - $As_2S_3(Se_3)$, amorphous, photodecomp. and optical densification 2—13589
    - As_2Se_3, amorphous, optical consts. determ. from i.r. refl. spectra 2—33200
    - As_2Se_3, glassy, absorpt. coeff., refr. index, electric field effects 2—19961
    - Au, electroless deposit, colour and refl. 2—3524
    - Au, laser modification of transmittance and reflectance, adherence and hardness 2—36813
    - Au, reflectivity spectra, interband transitions 2—10344
    - Au and Au alloys, 300 to 400 Å thick, optical consts. determ. from 2.4 to 4.4 eV 2—22749
    - Au thin films, 0.3-1 μ, determ. of structure and optical constants 2—29871
    - BN, optical props., refractive index and absorp. edge 2—26159
    - $B(OH)_3$, technique for obtaining i.r. spectra 2—29909
    - $BaTiO_3$, r.f. sputtered, refr. index 2—40347
    - Bi_2S_3-Sb_2Se_3 photoelec. props., sensitivity, s.p. resist. 2—36607
    - CO_2 condensed on cryogenic surfaces, refractive indices and densities 2—7039
    - CdF_2:Mn, electrolum. 2—13522
    - CdTe, light-modulation by excitonic electroabsorption 2—26118
    - Cs absorbing film on W, ellipsometry, validity of Drude relations below monolayer coverage 2—15670
    - Cs halide, reflection spectra between 12.5 and 26 eV, Cs-5p core level excitation 2—36856
    - CsI-ZnTe with CsI-Ge vacuum deposited, interference filters for spectral regions 15-50 μm 2—31130
    - CsI, optical constants in excitonic region, reflection and luminesc. spectra obs. 2—20001
    - CsI antireflection coating for Si in 2.5-50μm region, transmittance obs. 2—8012
    - Cu, reflectivity spectra, interband transitions 2—10344
    - Cu, treated with benzotriazole, surface film, i.r. and u.v.-visible refl. spectra 2—18959
    - Cu partially oxidised, transmittance rel. to parallel layer oxidation model 2—40812
    - CuCl, exciton absorp. spectra, line-width and phonon interaction 2—10378
    - Eu_3As_2, absorpt.. rel. to mag. order determ. 2—36722
    - EuO:Fe, Eu, chemical stability obs., application to beam-addressable memory 2—26049
    - EuO:Fe, Gd magneto-optical props. 2—13438
    - Eu_2P_3, absorpt., rel. to mag. order determ. 2—36722
    - $Ga_{1-x}Al_xAs$ layers, solution grown 2—18939
    - n-GaAs, epitaxial, photocond., influence of state of surface 2—22643
    - GaAs epitaxial layers, Cu-contaminated, acceptor levels, photoluminesc. study 2—19669
    - GaN, r.f. sputtered, refractive index and absorp. coeff. 2—18937
    - GaN epitaxial layers, photolum., carrier conc. depend. 2—36928
    - GaP, forbidden band width, absorption spectra, refractive index 2—1691
    - GaP, Raman spectra, as technique for structure and composition analysis of films 2—29933
    - Ge, amorphous. annealed 2—40291
    - Ge, amorphous, i.r. absorpt. related to transport and structural props. 2—13273
    - p-Ge, deform. splitting of impurity absorpt. band 2—13476
    - Ge, e_1 and E_1 interband transitions, thermoabsorpt. study 2—40288
    - GeTe, amorphous, recording of optical information 2—40225
    - H_2O condensed on cryogenic surfaces, refractive indices and densities 2—7039
    - $InAs_xSb_{1-x}$, absolute zero energy gap. optical, photoelec. and galvanomag. obs. 2—40277
    - InN, r.f. sputtered, refractive index and absorpt. coeff. 2—18937
    - InSb, amorphous, recording of optical information 2—40225
    - K_3Sb, refractive index and extinction coeff. 2—40601
    - Li, absorpt. spectra 2—40672
    - LiF, coating on Al mirror, effect of deposition rate, substrate temp. and aging on reflectance 2—34434
    - $MgBr_2$, optical absorp. in the vicinity of Mg L-shell transitions 2—33268
    - $MgCl_2$, optical absorp. in the vicinity of Mg L-shell transitions 2—33268
    - MgF_2, coating on Al mirror, effect of deposition rate, substrate temp. and aging on reflectance 2—34434
    - MgF_2, extreme u.v. spectra, extinction coeffs. 2—33242
    - MgF_2, optical absorp. in the vicinity of Mg L-shell transitions 2—33268
    - MgO, evaporated, refractive indices and absorptance in 0.22 to 8 μm wavelength range 2—34476
    - MgO, extreme u.v. spectra, extinction coeffs. 2—33242
    - $Mn_xFe_{3-x}O_4$, ferrite, Fadary rotation and optical absorp. 2—19907
    - Na, transmission of polarized light at oblique incidence 2—7045
    - NaCl absorption spectra, between 25 and 72 eV 2—26170
    - NaF absorption spectra, between 25 and 72 eV 2—26170
    - Ni, Faraday effect and ellipticity 2—10311
    - Ni, Faraday effect and ellipticity 2—10311
    - Ni, refractive index and extinction coeff., polarimetric obs. 2—33199
    - $PbBr_2$, exciton absorp. spectra, thickness effects 2—10393
    - PbS, thermoreflectance spectra 2—29900
    - PbTe, deposition parameter effects rel. to i.v. multilayer filters 2—40602
    - Rb thin films, excitation by light, properties of volume and surface plasma oscillations 2—16472
    - S, purple, Raman spectrum 2—29936
    - Sb, application of Maxwell Garnett theory, optical const. meas. 2—3541
    - Sb, optical constants between 2 and 25 eV by energy loss meas. with fast electrons 2—40603
    - Sb, thin amorphous films, thickness dependence of optical constants and structure 2—32376
    - Sb thin amorphous films, granular structure, optical properties 2—32376
    - ScAs(P) epitaxial layers, absorpt. 2—9282
    - Se, amorphous, absorpt. edge 2—32989
    - Se, amorphous, optical consts. determ. from i.r. refl. spectra 2—33200
    - Si, on absorbing substrate, ellipsometric det. of optical constants at 3655 Å 2—12651
    - SiO-SiN, optical guided propagation and preparation 2—38101
    - SiO_2, characteristics by repeated interference of total internal reflection 2—39529
    - SiO_2, evap. quarterwave coating, ruby laser damage threshold 2—27636
    - SiO_2, measurement of thickness and indices using ellipsometry 2—6353
    - SiO_2, SiO_xN_y, rel. to prod. by reactive evap. in ionized gases 2—8021
    - SiO_2, sputtered, thermoluminesc., colour centres 2—40729
    - SiO_2, thin dielectric film, study using method of multiple frustrated total internal reflection 2—20004
    - SiO_2 film, chem. vapour deposited on Si vidicon, effect on spectral response 2—13277
    - SiO_x, r.f.-sputtered, i.r. spectra near 9μm, rel. to sputtering voltage, thickness, heat treatment conditions 2—13484
    - SiO_x, rel. to deposition conditions 2—10394
    - Ta_2O_5/Al_2O_3 mixture, refr. index 2—3548
    - Ta_2O_5, rel. between thermal oxidation temp. and optical propagation 2—40608
    - Te, obliquely deposited. transmittance and reflectivity determ. for 2-25 μ radiation 2—19963
    - TiO_2, rel. to prod. by reactive evap. in ionized gases 2—8021
    - TlBr, TlCl antireflection coating for Si in 2.5-50μm region, transmittance obs. 2—8012
    - V, absorpt., interband transitions 2—7076
    - VO_2, holographic storage, based on insulator-metal transition 2—7951
    - ZnO, d.c. and r.f. sputtered 2—39536
    - ZnS:Cu, Cl, l.v. electroluminesc. 2—40726
    - ZnS:Tb^{3+}, hot-electron impact excitation of electroluminesc. 2—16637
    - ZnS:TbF_3, electroluminescence 2—13455
    - ZnS, evap. quarterwave coating, ruby laser damage threshold 2—27636
    - ZnS, gas phase epitaxially grown 2—9289
    - ZnS, rare earth ion implanted luminesc. 2—19119
    - ZnS, thin films, cathodoluminescence, study as function of substrate temp. at which film deposited 2—13521
    - ZnS, vapour deposited thin layer, prep. and electroluminescence 2—36963
    - ZnS dielectric layers, meas. of dispersion of refractive index by modified interference method 2—13432
    - ZnS monolayer, on NaCl, laser irrad. effects rel. to physics of damage 2—29865
    - ZnTe, recrystallization rel. to struct., elec. and optical props. 2—29046
    - ZnTe, reflection and absorpt. spectra rel. to stoichiometry 2—25829
    - ZrO_2, anodic layers, photoluminesc. 2—26228

- **Filters**
  - acoustic, v.h.f., quartz crystals, mode control 2—5235
  - acoustic surface wave, u.h.f., frequency response 2—20928
  - aerosol, fibrous, press. characts. 2—22017
  - aerosol, model, pressure drop, Knudsen number depend. 2—1124
  - air flow, boundary wall shape design for uniform flow 2—1023
  - bandpass, for analog spectral analysis 2—325
  - bar-shaped mech., end correction problems, mode functions 2—23364
  - digital, geophysical data analysis 2—20222
  - electromechanical, analysis and design by finite element method 2—223
  - expansion chamber, effect of air flow on acoustic attenuation props. 2—23357
  - fibre, aerosol filtration, liquid layer formation 2—28910
  - l.f. electrochemical filters, application to seismological investigations 2—30147
  - pairs, Ni-Co and Zr-Sr, efficiency 2—29110
  - polarization states, applic. of total reflection 2—34246
  - pyrolytic graphite for neutrons 2—6417
  - Ross, X-ray spectra measurement in Z-pinch plasma focus devices 2—18624
  - triphase fluid in porous medium, Buckley-Leverett model 2—39304
  - ultrasonic, application to communications, monolithic IC's 2—20938
  - ultrasonic, surface-wave, sensor number minimization 2—5242
  - wavevector, for press. field induced on surface by turbulent layer 2—23379
  - C, activated, with phys. sorbed gases, leaking curves 2—18958
  - MgO, SiO_2, Bi single crystals, suitability as filters for high intensity neutron beams 2—15029

- **Filters, electrical** *see Circuits*

- **Filters, optical**
  - *see also Absorption/light; Films, solid/optical properties*
  - acoustic-optical, aperture-bandwidth characteristics 2—38127
  - amplitude, effects on partially space coherent diffraction of defocused optical system 2—11515
  - anti-reflection coatings, fused silica substrate, one shot laser damage threshold 2—27637
  - antireflection coatings, laser induced damage 2—27632
  - apodization, efficiency in enhancing low spatial frequencies 2—8018
  - band-pass, diffraction grating arrangements, using polarized light 2—31128
  - birefringent, tunable, for u.v. region 2—8019
  - birefringent, tuning and error sources 2—8022
  - coherent, increasing dynamic range using modulation gratings 2—38133
  - colour, birefringent, three-stage electrically tunable, construction and eval. 2—21169
  - coloured glasses, heat resistant, low coefficient of expansion 2—38130
  - cutoff interference, conditions for selecting refractive indices of layers and substrates 2—14464
  - dielectric, interference filters, narrow band, stabilization of location of transmission band 2—31095
  - diffraction grating as passive optical valve 2—34375
  - disordered solids as filters for far infrared 2—31127
  - high reflector power, near i.r. and u.v., prep. 2—31126

Filters, optical continued
high-contrast with multilayer dielectric coatings, advantages as compared with classical filters 2—14465
hologram. matched by bleached phase 2—27552
image convolution, noise reduction using least-squares polynomial 2—14463
image treatment by holographic techniques, space freq. filtering 2—27547
incoherent matching, multichannel optimal correlation of real-time signals 2—7945
interference, effect of thermal treatment on the position of maximum transparency 2—38132
interference coatings, wide band, high reflectivity for laser pumping systems 2—27531
interference filters, narrow band, effect of moisture on optical characteristics 2—322
interference-polarizing filter, electrically controlled, with 0.12 Å bandwidth for solar physics studies 2—27634
inverse filters, active synthesis using negative feedback, high gain laser amplifier 2—8014
i.r., 10-50 μ range, polythene advocated 2—14466
i.r., echelette grating use 2—23692
i.r., multi-element mesh interference filters 2—21170
for i.r., reflection and transmission meas. 2—4430
i.r. narrow-band combination 2—34542
liquid filters for visible and i.r. regions 2—8013
low pass i.r. filter, rocket borne radiometer 2—34195
masks in photometric and colorimetric instruments for altering the spectral distribution 2—5442
matched filtering. spatial coherence effects 2—27546
metal-dielectric. design using Smith Chart 2—38128
modulated interference-polarization filter, transmission band and secondary max. obs. 2—31129
multigrid interference, for far i.r., coeffs. of reflection and transmission 2—17718
multilayer coatings and evaporated films, ruby laser damage threshold 2—27636
narrow band, solid Fabry Perot, for use in systems with one arc second resolution 2—8020
narrow band transmission interference filters, stabilization of optical characteristics 2—38131
narrow-band, variation of characteristics as a function of temperature 2—27635
non-dispersive system for atomic absorption spectroscopy 2—8041
nonlinear. broadening of laser radiation spectrum due to increase in transmission 2—27530
polarization mode, for integrated optics 2—38129
polyethylene, longwave i.r. spectral regions 2—34539
quasioptimal, accuracy of signal timing in optical communication systems 2—34538
sampling, non-uniform. in optical processing 2—8017
scanning photometer, rotating interference filter, auroral sounding rockets 2—23052
semiconductor glass, nonlinear radioscopy 2—22757
signal processing, Fresnel images of ultrasonic light modulators 2—34510
signal processor with multiple orthogonal channels 2—27631
spatial, signal-to-noise ratio, effects of nonoptimum noise conditions 2—2459
spatial filters, optimum complex, synthesis beyond linear region 2—7975
thin dielectric films, synthesis of optical properties 2—38055
transmission, for far i.r. spectrometers, applic. of disordered solids 2—14481
turning value monitoring of narrow-band all- dielectric thin-films 2—17727
CsI-ZnTe and CsI-Ge vacuum deposited, interference, filters for spectral regions 15-50 μm 2—31130
$CuCl_2.2H_2O$, for spectrometer. transmittance at elevated temps., passband characteristics 2—31145
KH_2PO_4 Lyot filter, stabilization of rhodamine 6G dye laser 2—17615
LiF-O_2 filter for Lyman-α radiation from electron impact on H_2, transmission properties 2—23728
MgO, multilayer, interference, refractive indices and absorptance in 0.22 to 8 μm wavelength range 2—34476
$NaNO_2$ liquid soln., for lasers, corrosion of circulation system materials 2—30068
PbTe film multilayers, effects of deposition parameters on optical props. 2—40602
Pb(Zr,Ti)O_3, La subst. electrooptical ceramic as wavelength selection device for rhodamine 6G dye laser 2—14425

Finlay-Freundlich red-shift hypothesis *see Astronomical spectra; Cosmology; Gravitation; Relativity*

Fireball model *see Cosmic rays; Elementary particles; Field theory,quantum/ Interactions; Nuclear reactions and scattering*

Fission *see Nuclear fission*

Flames
acoustic wave excitation in K-seeded flame 2—39284
atomic absorption studies, optimization of conditions 2—30115
use in chemical analysis, trace metals disolved in organic compounds 2—1763
chemiluminescence, rel. to oxidation activation energy determ. for CO 2—26344
electrical conduction properties, ionization in combustion reactions 2—22873
extinction mechanism, induced by convection, in gases 2—27323
floating, effect of h.f. electric fields on combustion chemistry 2—26343
gaseous fuel, additive quantities, introduction and determinations of low ionisation energy metals 2—1747
heat exchange during combustion at gas to solid boundary 2—7778
heat transfer from augmented flames and plasma jets, based on magnetically rotated arcs 2—2273
high pressure mass spectrometric sampling system, direct analysis 2—33392
internal temperature distrib. in uniaxially symmetric flame, integral eqn. soln. method 2—27325
ionisation and recombination rates and average lifetimes of ions in rarefied flames 2—5278
ionization of metal additives 2—22897
laminar, propagation mechanism at high pressures 2—27324
metal atom formation processes, absorption and emission data 2—5279
metal atoms in flames, collisional ionization cross-sections 2—38823
natural gas, diffusion kinetics, length calc. 2—20182

Flames continued
oxy-hydrogen, rotational analysis of H_2O emission spectrum 2—12152
premixed, Na D-line reversal, chemiluminescence effects 2—8452
propane-air, Na seeded, fibre optics probe for line radiation intensity obs. 2—27311
sound waves disturbing action on turbulence characteristics of flow into combustion front 2—23402
temperature meas., enthalpy probe 2—27306
temperature measurement spectroscopic method 2—14294
turbulent diffusion flame characteristics, effect of twisting 2—37037
vibratory propag., appearance conditions 2—7782
AsO, chemical excitation obs. in emission spectrum 2—38886
$CO/O_2/N_2$, cross sections for ionization of alkali metals in flame 2—15497
CO-O, comparison of single- and double-probe meas. of electron temperature 2—37823
CS_2-O_2, rel. CO chemical flame laser 2—17592
H_2-F_2, spectroscopic determ. of local temps., influence of autoabsorption and thermal gradients 2—7783
H radical obs. using e.p.r. 2—26342
$H_2O_2N_2$, cross sections for ionization of alkali metals in flame 2—15497
H_2S-O_2, vibr. temp. of SO radical 2—22874
H_2S+O_2, rot. temp. 2—11381
$H_2+O_2+N_2$, nitric oxide diffusion coefficient determination 2—1041
$MO(CO)_6+X$ (x=h, N,O), chemiluminescence band system 2—22865
N_2, temperature det. using Raman scattering 2—37824
$NH_3/O_2/N_2$, enthalpy of formation of NH 2—22872
NH_4ClO_4, ionization processes, recombination coeff., press. depend. 2—28656
O_2-H_2, premixed. spectroscipic applic. 2—22894
O_2, temperature det. using Raman scattering 2—37824

Flare stars *see Stars*
Flares, solar *see Sun/flares*
Flash photolysis *see Photochemistry*
Flicker noise *see Electron tubes; Noise/electrical*
Floating zone refining *see Zone melting and refining*
Flocculation *see Sedimentation*
Flow
see also Boundary layers; Diffusion; Jets; Plastic flow; Turbulence; Viscosity
adiabatic flow invariants, note on paper by Hollmann 2—31908
aerosols, diffusion losses in rectangular duct 2—28916
air, forced, combination with natural convection, heat and mass transfer 2—34212
annular diffuser, induced vibration, expt. 2—39074
arc, electric, in Poiseuille steady flow, approximate formulae 2—24924
arcs, CO_2 axial flow interrupting medium, no C deposition up to 3kA 2—24938
arcs, electric, turbulent steady flow. equations of motion and energy 2—24923
arcs, laminar flow, in axial flow of gas, steady state characteristics 2—24921
asymmetric, fully developed, in plane channel, turbulence structure 2—15435
asymmetric turbulent velocity profiles, negative eddy diffusivities 2—31904
atmospheric, flow over mountains, steady solution to two-dimensional nonlinear nonstationary problem 2—33456
axisymmetic body with main stream in unsteady motion, response of skin friction to angle and perturbation parameters 2—39054
axisymmetric past line array of spheres and spheroids, multipole representation technique for calcs. 2—12331
blood in lungs, urinary tract, microcirculation, gas and nutrient exchange, and peripheral resistance 2—33780
boundary layer, laminar, incompressible, unsteady 2—35420
boundary layer, magnetoconvective 2—24614
boundary layer flow between two parallel coaxial disks 2—12320
boundary layer flow on rotating vane, surface velocity at exit of vane 2—24599
boundary layer in vicinity of horizontal circular cylinder 2—20960
boundary layer suction through narrow slots 2—15439
capillary, high viscosity fluids, thermal effects, review 2—21754
around circular cylinder, effect of three-dimensional roughness elements 2—35409
two coaxial rotating circular cylinders with injection at inner cylinder, viscous incompressible flow 2—39052
compressible, similitude solns. for turbulent boundary layers with pressure gradients 2—28470
compressible boundary layer, computation by method of weighted residuals using exponentials 2—28435
compressible viscous flow, generalized finite-element method 2—24607
conducting dilatant fluid in transverse magnetic field. stability 2—28485
conducting fluid in rectangular channel with segmented walls 2—954
confined laminar jet mixing of parallel streams, integrodifferential eqn. and variational formulation 2—35396
convection, combined free and forced. through vertical non-circular ducts 2—37821
convection, combined natural and forced, upflow through heated annuli 2—34216
convection, laminar, combined forced and free, entrance region of constant cross-section ducts 2—34221
convection, laminar, combined natural and forced in rectangular field 2—34223
convection high Rayleigh number, in square cavity, numerical computations 2—12341
convection vertical in fluids, resulting from combined buoyancy effects of thermal and mass diffusion 2—6027
convective, free, a long infinite vertical plate, periodic suction 2—6022
convective, in entry region of vertical cooled pipe 2—39044
convective flow problems with axial diffusion, integral method 2—35401
Couette, parallel plates with uniform suction at stationary plate 2—39053
Couette, perturbed plane, general soln. 2—3172
Couette, temperature distributions with and without additional pressure gradient 2—21741
Couette flow, Taylor vortices, stability problem, finite difference approach 2—35415
Couette flow between corotating conducting cylinders, MHD, exact soln. for stability 2—31933
density stratification of closed-return water channel 2—8884
developing, laminar, MHD stability in parallel plate channel 2—24621

Flow continued
- dibutyl phthalate aerosol, Brownian coagulation during Poiseuilleflow 2—32290
- diffuser, measurement of intermittency factor 2—8879
- disperse systems, viscous, low Reynolds numbers, relative velocities and pressure drops 2—3412
- downward forced, interaction with turbulent free convection boundary layer 2—34211
- drops submerged in fluid, interior and exterior flow fields 2—39314
- duct flow with neutrally buoyant droplets or bubbles, pressure drop 2—28457
- Ekman boundary layer, stability 2—4676
- Ekman layer, eqns. of motion for stationary flow 2—4675
- elastico viscous fluid, unsteady free convective flow past an infinite plate with const. suction 2—24608
- elastico-viscous fluid, past infinite plane porous wall, laminar boundary layers 2—6020
- electronic pipe flow simulator, reversible cell 2—6046
- entry length, cooled vertical pipe, free convection, heat transfer, analysis 2—3163
- fluid, Boltzmann eqn., boundary layer type soln. by Chapman-Enskog method 2—31918
- fluid, in porous medium, equations of motion and continuity 2—28446
- fluid, in uniformly curved tube, hydroelastic instability 2—35429
- fluid, laminar free-convection heat transfer from a needle 2—12343
- fluid, parallel and tapered passages, forced convection, heat flux boundary condition 2—34203
- fluid, turbulent, with high Reynolds number in tubes, Hamiltons principle 2—35433
- fluid around fuel element in reactor, temp. field calc. 2—12316
- fluid around two cylinders in cross flow, exptl. investigation 2—21739
- fluid discharge measurement from decay time of nuclear- precession signal amplitude 2—35403
- fluid in packed bed, heat transfer, one and two dimensional models 2—39038
- fluid in tubular reactor, study of diffusion, rate of decay of concentration determ. 2—6026
- fluid systems, mean flows by a negative Reynolds stress 2—21906
- fluids, derivation of Kubo type formulae for turbulent transport coeffs. 2—6047
- fluids, entrainment interface 2—12335
- fluids, injection or suction in cone with boundary layer control 2—6034
- fluids, inviscid stratified shear, numerical studies of stability 2—12334
- fluids, laminar and turbulent convective heat transfer in symmetric trapezoidal channel 2—34217
- fluids, Newtonian and non Newtonian, through circular tube, temp. distrib. 2—35406
- fluids, numerical calculations, contour dynamics 2—926
- fluids, residence time distribution in various systems in fixed and fluidized beds, generalized correlation derived 2—28458
- fluids, speed and inclination of eddies in wall turbulence 2—8889
- fluids, stationary homogeneous turbulence, perturbation theory 2—15433
- fluids, temp. distribution due to periodically varying heat source 2—14295
- fluids, traversing laser velocimeter and signal analysing system 2—928
- fluids, tubes, helically coiled, secondary motion rel. to heat transfer 2—910
- fluids, unsteady laminar boundary layer on a semi-infinite plate due to small fluctuations in the magnitude of the free-stream velocity 2—12337
- forced, effect on laminar film condensation 2—22042
- forced, laminar film condensation, boundary-layer theory investigation 2—39427
- forced convective heat transfer with secondary flow, Prandtl no. effect 2—8881
- free convection laminar boundary layer flows, asymptotic suction profiles 2—35665
- free shear layer similarity profiles, analytical and exptl., correlation by spread rate parameters 2—933
- fully developed turbulent, in annulus, radius of mass velocity 2—35430
- fully developed turbulent flow between parallel plates, heat transfer in entrance region 2—12322
- geophysics, numerical simulation of turbulent flows 2—39090
- glass beads in air, flow characteristics in turbulent flow pipe obs. 2—9188
- granular solids in inclined open channel, velocity distrib. 2—3177
- gravitational particles, stochastic theory 2—17272
- head loss and heat transfer characteristics in cylindrical pipes 2—24609
- heat transfer past fine wires, laws 2—17416
- near helical blade tip rotating in fluid otherwise at rest 2—18561
- high Reynolds no., past flat plate with strong blowing 2—15436
- homogeneous and turbulent, incompressible fluid, diffusion of a scalar 2—6042
- hydrodynamic stability, between porous parallel walls 2—8891
- hydromagnetic, near oscillating wall 2—8896
- hydromagnetic Couette flow, supercritical stationary states 2—8906
- hydromagnetic source flow 2—39081
- ice shelves, Antarctic, flow law 2—7231
- ideal plasma, along magnetic lines of force, exact soln. of equations of motion 2—28532
- incompressible, steady state, low Reynolds no. between two eccentric circular cylinders 2—21755
- incompressible, within simple boundaries, numerical simulation, Galerkin representations 2—28471
- incompressible fluid, 2-dimensional turbulent boundary layer, heat transfer, asymptotic theory 2—18550
- incompressible fluid, almost three dimensional, numerical solution and internal obstacle treatment 2—927
- incompressible fluid, stability conditions in finite perturbations 2—39045
- incompressible fluids through elastic porous solid, constitutive equations 2—922
- incompressible turbulent boundary layers, computation at low Reynolds numbers 2—24604
- incompressible viscous fluid, instability with antisymmetric velocity profile 2—21742
- incompressible viscous fluid between two parallel discs 2—28444
- incompressible viscous fluid stream, from finite radius sphere, past rotating sphere 2—39047
- induction velometry method 2—35414
- infinite coaxial cylinders, tangential Newtonian flow, transpiration cooling 2—12325
- over infinite yawed wing, incompressible turbulent boundary layers 2—3304

Flow continued
- instability for viscous shear layer at low Prandtl number with Richardson number >0.25 2—35418
- internal liquid waves, collapse of a two-dimensional mixed region in a density gradient 2—12527
- inviscid fluid, between rotating cylinders under axial and transverse magnetic fields, stability of nonrotationally symmetric disturbances 2—39088
- ionized gas, effects on potential falls and resistance of ZrO_2 electroces stabilised with Y_2O_3 2—28479
- irrotational, past bodies close to a plane surface 2—8883
- isenthalpic, Joule-Kelvin coefficients and mantle convection 2—4627
- isotropic turbulence, spectrum 2—18570
- jet, causing sound refraction, numerical study by wave acoustics 2—20930
- jet, incompressible fluid, equation transformation using invariants 2—929
- jet causing sound refraction numerical ray tracing study 2—20929
- laminar, ducts of rectangular and equilateral triangular cross section, pressure losses in entrance region 2—39070
- laminar, fully developed, in horizontal tubes, free and forced convection 2—34219
- laminar, in curved channel with square cross section, forced convection 2—190
- laminar, in porous wall cylinder, theoretical analysis 2—31922
- laminar, in rot. enclosure with axial throughflow, heat transfer, Navier-Stokes eqns. 2—18569
- laminar, in tubes, heat transfer, finite difference technique for obs. 2—21753
- laminar, mass and heat transfer from a sphere 2—30886
- laminar, past circle in shear flow, Reynold no. 400 2—39059
- laminar, radial mass flux between a stationary and a rotating disc 2—3169
- laminar, transition and turbulent natural convection adjacent to inclined and vertical surfaces 2—31905
- laminar, tubes, cross section discontinuity 2—914
- laminar boundary layers, unstable, longitudinal vortices 2—12321
- laminar combined convection in vertical tubes 2—34220
- laminar dispersion in curved tubes and channels 2—15437
- laminar flow in circular tube, heat transfer and drag, gas with variable properties 2—28694
- laminar free convection on curved wall 2—35428
- laminar free shear layer development, effects of compressibility and total enthalpy difference 2—12333
- laminar in incompressible fluid, nonlinear stability theory, for exchange stabilities 2—6048
- laminar shear flow over impulsively started bodies 2—35427
- laminar through vertical rectangular channels with unequal heating from sides combined free and forced convection 2—35426
- laminar tube, fully developed, solution of transient heat and mass transfer problem 2—21737
- laminar viscous, past semi-infinite flat plate 2—15431
- laser doppler velocimeter, signal broadening effects 2—23224
- linearized or stratified fluid, zero velocity and zero stress boundary conditions 2—6023
- liquid, Na in Phenix fast reactor, turbulence causing random vibrations in core structure 2—38711
- liquid crystal, nematic p-azoxyanisole, effect on orientation 2—1077
- low Reynolds number, det. of azimuthal dependence of convective heat transfer coeff., using split film anemometer probe 2—21756
- low Reynolds number, heat transfer, conference (Washington D.C., November 1971) 2—21751
- low speed, downstream of steps, reattachment and relaxation of turbulent shear layer 2—24615
- low-density, hot-wire anemometry 2—21730
- marginally unstable plane parallel, nonlinear response to two-dimensional disturbance 2—8890
- mass flow rate meas. in heterogeneous medium, hot wire technique 2—28451
- mass flow rate obs. using capillary viscometry 2—21727
- maximum gradient filtering, nonmonophyllous representation 2—39046
- meas. techniques, present state and latest developments 2—918
- mechanical props. of solids and fluids, book 2—39752
- mechanically similar flows, role of fluid properties 2—24581
- MHD, finite rectangular ducts, prediction of limiting Nusselt numbers 2—6052
- MHD, in pipes with differing wall conductivities and in inclined magnetic field 2—28488
- MHD, one-dimensional of conducting gas 2—24640
- MHD, rolling waves in perpendicular magnetic fields 2—39083
- MHD, semi-bounded axisymmetrical in strong mag. field, visual study 2—962
- MHD, three dimensional, past cylinder in transverse magnetic field 2—972
- MHD, turbulent 2 dimens. 2—975
- MHD, turbulent to laminar transition 2—18582
- MHD, two-dimens., near mag. neutral line, perturbation theory 2—39078
- MHD, vortex, in cone 2—969
- MHD boundary layer, aligned field on flat plate, heat transfer 2—39084
- MHD channel, at large magnetic Reynold's numbers 2—964
- MHD channel flows, steady crossed-field, generalized solutions 2—18576
- MHD Couette flow, with zero discharge of fluid 2—31934
- MHD in square channel with various wall conductivities in skew mag. field 2—952
- MHD laminar in annular channel at large Reynold's numbers 2—967
- MHD near oscillating plate, effects of transpiration 2—31931
- MHD pipe flow, mass flow rate by asymptotic expansion 2—8900
- MHD stationary aligned flows with given streamlines 2—35448
- MHD unsteady duct flow 2—31930
- micropolar, incompressible fluid, periodic solns. of flow eqns. 2—6035
- micropolar fluid, time depend. channel flow 2—18553
- micropolar fluid lubricated squeeze film and externally pressurized bearings 2—22293
- microstretch, incompressible fluid, kinetic energy in rigid wall bounded domain 2—6036
- miter-bend, 90°, two-dimensional constant-width, mean flow measurements 2—935
- mixing models, parameter evaluation, moments analysis 2—3158
- MMD, visco-elastic fluid, heat exchange, effect of magnetic field 2—6055
- multi-channel parallel-and-mixed-flow heat exchangers, steady state lumped linear formulation of heat transfer 2—34205
- multi-loop fluid flow systems analysis program, MUFAN, in FORTRAN 4 2—39071
- natural convection adjacent to horizontal surfaces resulting from combined buoyancy effects of thermal and mass diffusion 2—21738

Flow continued
natural convection flow over cylindrical surface, wake formation obs. 2—8882
Navier-Stokes eqns. numerical soln. for disk cylinder system 2—12340
Navier-Stokes equation in time dependent domain. solution of non-linear mixed problem 2—28452
near enclosed rotating disc 2—3164
Newtonian fluids, incompressible binary mixture, plate oscillations 2—6037
Newtonian fluids, laminar, contraction, entrance loss coeffs. 2—915
non Newtonian fluids, unsteady state flow in semi infinite region 2—35407
non-axisymmetric in bounded cylindrical fluid layer, thermoconvective instability 2—6031
non-Newtonian fluid in vertical tube, exptl. and theoretical study of combined free and forced laminar convection 2—37820
non-Newtonian fluids, elastic power law, steady, converging or diverging, with wall suction and injection, similarity solns. 2—911
non-Newtonian fluids, improved parametric characterization of flow geometries 2—28454
non-Newtonian fluids, orifice plate and Venturi meter 2—28473
non-Newtonian fluids, slow, past droplet 2—912
nonsteady flows in duct with friction, approx. soln. 2—28456
numerical fluid dynamics, calculation method for all flow speeds 2—925
numerical method for solution of Navier-Stokes equation for flow along a thin flat plate 2—39050
oil-in-aqueous suspensions, dilute at high ionic strength, expt. in coalescence by flow through glass fibrous mats 2—32282
oil-in-water dispersion, coalescence by flow through porous media 2—32281
oscillatory, in tube, obs. of amplitude and phase 2—3168
oscillatory, of dipolar fluid between parallel plates 2—35416
packed beds, correlation of data using asymptotic relations 2—3157
packing of solid particles, flow and continuous mixing 2—39039
paramagnetic fluid, continuum model analysis 2—31932
particulate viscous slow flow in channels and tubes, use of finite-element method application to biomechanics 2—35424
periodic soln., exact, of energy eqn. 2—8886
piezotropic medium, temperature perturbation, Cauchy's problem 2—930
pipe, stability analysis of motion caused by piston for incompressible fluid 2—12346
pipe, transverse vibrations, integral equations 2—20915
plain tube, non-symmetric turbulent diffusion, effect of tangential eddy diffusivity 2—35402
plane Couette, of incompressible non-newtonian fluid with temperature dependent viscosity 2—18556
plane Poiseuille, finite amplitude convection with longitudinal vortices, effect of uniform axial temp. gradient 2—39048
plane Poiseuille, finite amplitude instability of second order fluids 2—28462
plane Poiseuille, nonlinear instability burst 2—21746
plane Poiseuille, with finite amplitude disturbances hydrodynamic 2—21745
plasma, geometrical representation from MHD eqns. 2—12370
plasma, solar wind, through Earth's bow shock, ratio of specific heats 2—16874
plasma, velocity obs. in T-tube 2—24769
plug and laminar in a porous wall tubular reactor, effects of radial mass transfer 2—6029
Poiseuille, accurate soln. of Orr- Sommerfeld stability equation 2—12330
Poiseuille, effects of couple stresses on stability 2—39060
Poiseuille, plane, stress relax. parameter effects on stability 2—24612
Poiseuille flow, power-law fluid, viscous heating 2—3165
Poiseulle, plane, stability of antisymmetric disturbances between flexible walls undergoing transverse displacements 2—18557
polyethylene wax blends, effects of long and short branches on steady state application of concentration superposition 2—35441
in porous media with variable head on boundaries 2—6041
past porous plate at zero incidence, Ekman layer 2—31914
potential, application of finite element method for simple and mixed boundary conditions 2—35425
potential flow past body in presence of rigid wall 2—923
powder, compaction and flow under constant press. 2—39957
power law fluid in rotating stright pipe, flow field determ. 2—24610
power law fluids in inlet region of a porous channel, momentum integral analysis 2—24611
power-law fluids, heat transfer in presence of time varying rate of heat generation 2—37807
pressure, deform. profile, between two colliding lubricated cylinders 2—31899
pulsating, of non-Newtonian fluids in pipes, flow rates and power requirements 2—39037
recirculating wakes in fluids, heat transfer mechanism, solutions of energy equation for forced convection studied 2—6032
in rectangular cavity with heated projection in lower part 2—6024
regional blood volume in lung, radioisotope technique 2—30673
relativistic in one dimension, similarity analysis 2—3171
resistance to rotation of free and enclosed discs at high Reynolds number, calc. of fluid-induced torque 2—35703
Reynolds stress fluctuations in turbulent boundary layer 2—39061
Reynolds stress model of turbulence, application to thin shear flows 2—35410
Rivlin-Ericksen fluid, between two infinite parallel discs, one rotating, other stationary 2—39051
rotating, over step 2—12329
rotating annulus, laterally heated, convective motions 2—21744
rotating fluid layer, hydromagnetic convection 2—8905
in rotating straight pipes of circular cross section 2—934
rotational, computation 2—35421
rotational, investigation of particle motion 2—3166
rotationally symmetric quasi-cylindrical viscous incompressible vortex flow, computation by weighted residuals using exponentials 2—21731
rough-turbulent, in closed conduits, Bretting's design formulae 2—21749
second order fluids, separation in flow past circular cylinder 2—920
shear, Brownian motion effects on rheological properties 2—35798
shear, past semi-infinite flat plate, diffusion and viscous effects 2—28445
shock layer, radiative heat transfer in inviscid portion 2—21729
shock waves in monatomic gases, determ. density temperature and mean velocity of flow 2—28726
slow, instantaneous, between two concentric spheres 2—12319

Flow continued
slow, through stationary random beds and suspensions of spheres 2—15434
slow and viscous with free surface, solution by perturbation method 2—39066
slow viscous, past a deforming sphere studied in Stokes approx. 2—31919
over solid body of quarter-space shape, unsteady conjugate problem in convective heat transfer 2—37809
solute dispersion in flow through a tube, singular perturbation problem 2—33966
sound attenuation in lined rectangular ducts, and aircraft engine noise reduction 2—8007
source sink, nonlinear, in rotating pie shaped basin 2—18560
spheres, gravitationally induced acceleration in creeping flow, heat transfer analogy 2—24600
past spheres, mass transfer 2—39040
spin-up of stratified fluid, theory and experiment 2—8885
spiral, global stability between rotating and sliding cylinders 2—18562
stability det. of laminar flow with MHD-rotation 2—24641
stability of perturbed heterogeneous shear flow 2—28440
steady convective overturning in shear, propagation and transfer properties 2—39065
steady state problems, prediction of optimum step size for numerical solution 2—24602
steady wakes behind oblate spheroids flow visualization 2—39062
steam, low pressure flowing through tube banks, determ. heat transfer and flow resistance in condensation 2—22041
Stokes, force distribution on slender twisted particle 2—35413
Stokes, variational props. of steady fall 2—28464
Stokes irrotational waves, third order approximation, energy characteristics 2—18571
Stokes problem in kinetic theory, linearized Boltzmann eqn. 2—31915
stratified flows, maintenance of turbulence in stratified atmosphere 2—40925
stratified fluid, wake collapse, linear initial value problem, density and velocity fields 2—18563
streamline, turbulent boundary layers on rotating nose-body 2—3305
swirling, accompanied by helical cavity core in circular pipe 2—6045
swirling conical obs. of double-helix, spiral and axisymmetric forms of vortex breakdown 2—28448
swirling in convergent conical nozzle, boundary layer velocity profiles 2—28465
swirling nozzle flow eqns., from Crocco's relation 2—28449
symmetric laminar incompressible, past parabola, Navier Stokes equations 2—18558
tearing of adhesive layer between flexible tapes pulled apart, slow flow problem 2—35411
thermal simulator for flows with wall chem. reaction 2—8880
thermally stratified, viscous stability theory, discontinuous jets and shear layers 2—24619
three dimensional laminar boundary layer, effective approximation for numerical computation 2—28447
three dimensional nonboundary layer flow between corotating discs, integral method 2—932
three dimensional tubulent boundar layers, mixing length model 2—6049
three-dimensional elasto-plastic, boundary integral equations 2—2215
three-dimensional homogeneous isotropic turbulence, numerical simulation 2—12344
three-phase contact line problems in 2 liq. and dispersed solid systems 2—32289
time dependent, past impulsively started sphere, numerical solutions 2—24618
time-dependent, dispersion from time-variable continuous sources nonuniformly distributed over tube inlet 2—31913
toroidal cell in axisymmetric, laminar, buoyant jet in stably stratified environment, conditions for shroud production 2—6184
transient free convection flow with constant suction 2—15430
transitional, in isosceles triangular ducts, study of mean velocity distribs. and turbulence intensity meas. 2—31907
transonic, in a nozzle throat, with nonuniform total energy, solution of equations 2—21734
transonic, past two-dimensional symmetric profile, with shocks 2—917
transverse, free and forced convection heat transfer from horizontal cylinder 2—17451
transverse velocities effects on boundary layer stability with surface mass injection 2—12332
tubes with repeated-rib roughness, heat transfer and friction correlations 2—12324
turbulence, weak, drift stationary solutions 2—12338
turbulence model for boundary layers near walls 2—12342
turbulent, asymmetric mechanics applic. 2—39036
turbulent, axial flow fans running in, and sound radiation 2—167
turbulent, Brownian particle motion, statistical description 2—91
turbulent, Burgers model, with two velocity components 2—24634
turbulent, dispersion of starting points, 'backward diffusion' 2—39075
turbulent, in rotating radial circular pipe, convection 2—191
turbulent, in smooth tubes, heat transfer, mass transfer, Reynolds analogy 2—18735
turbulent, internal intermittency and fine-structure distribution functions 2—6038
turbulent, of power law fluids in circular tubes, heat, mass and momentum transfer analogies 2—24598
turbulent, over wavy boundary, prediction 2—28463
turbulent, passive scalar diffusion 2—28469
turbulent, shear, response to stepwise change in wall roughness 2—936
turbulent, steady, in circular pipe downstream from sudden enlargement 2—35432
turbulent, two-dimens. vortex motion and negative temps. 2—35417
turbulent at low Reynolds number, von Karman's constant 2—39055
turbulent boundary layer, unsteady heat transfer 2—31903
turbulent boundary layer on a porous plate, heat transfer with uniform blowing and suction 2—39068
turbulent boundary layers, wall curvature and transition effects 2—28450
turbulent cylindrical wall jets, predictions 2—25023
turbulent fluid, aerodynamic sound due to source near half- plane 2—39259
turbulent free shear layer velocity profiles, effect of initial boundary layer 2—35423
turbulent free streams, eddy shedding from a sphere 2—921

Flow continued
- turbulent in tube, longitudinal turbulent diffusion studies by n.m.r. method 2—28455
- turbulent incompressible boundary layers, effect of discontinuity in wall blowing 2—6028
- turbulent layer in ideal two dimensional fluid 2—12339
- turbulent pipe, eddy viscosity model 2—24603
- turbulent pipe flow, laminarization by fluid injection 2—31911
- turbulent shear, general method for solving problem of longitudinal dispersion of matter 2—6030
- turbulent shear, mean velocity profile of fluids 2—24617
- turbulent shear, micropolar fluid model applic. 2—12327
- turbulent transition, electrokinetic determination 2—21750
- turbulent velocity distribution and wall shear stress calc. for array of parallel rods 2—916
- two plane, small perturbations, calc. of neutral stability 2—39064
- two-dimensional boundary layer, improved Patankar- Spalding transformation for numerical solution 2—3167
- two-dimensional turbulence, stationary states 2—12345
- two-layer viscoplastic media, circular motion between two coaxial surfaces 2—5202
- uniform, oscillatory drag, lift and torque on circular cylinder 2—18564
- uniformly stratified or rotating, Long's hypothesis of no upstream influence 2—28460
- unsteady linearly moving particle behaviour in fluids 2—28777
- unsteady stagnation point flow 2—39035
- unsteady tangential Newtonian, on porous annulus 2—18554
- upward, vertical pipe, free and forced convection heat transfer 2—34222
- vanishing viscosity, asymptotic behaviour of first order discontinuities 2—18566
- variable mesh numerical method for solving Orr-Sommerfeld equation 2—35419
- velocity, obs. using electroacoustic feedback 2—21728
- viscoelastic fluid in a hydrodynamic wedge 2—21736
- viscous, in curved circular tubes 2—34204
- viscous, past parabolic cylinder in uniform stream, skin friction calc. 2—8888
- viscous, with random forcing, equilibrium statistics by numerical integration 2—31909
- viscous channel, computer simulation 2—15438
- viscous flow through pipe, heat effects 2—924
- viscous fluid, compressible, between a fixed and a rotating disc, effect of compressibility 2—3170
- viscous fluid, spiral form of instability in Couette flow 2—28466
- viscous fluids past random array of spheres, expected force acting on sphere 2—24613
- viscous incompressible fluid, bounded by coaxial circular pipes, temp. distribution through curved pipe 2—37808
- viscous incompressible fluid, unsteady plane Poiseuille flow between two parallel plates 2—6043
- viscous inviscid problems, by numerical methods 2—28459
- viscous near corner in three dimensions 2—39058
- visualisation and velocity meas. by Doppler holographic technique 2—6021
- visualization of fluid flow using smoke generator 2—31906
- vortex, over flat surface with suction 2—24606
- vortex regions in potential flow with Bernoulli const. discontinuity at boundary 2—6044
- vortex shedding behind accelerating sphere in free fall 2—21720
- vortices in wake of slender cylindrical bodies, spacing, position and strength at large incidence 2—8887
- wall boundary-layer, prediction of laminarization with a two- equation model of turbulence 2—21740
- wall jet on curved surface, displacement and curvature effects 2—6039
- wind tunnel, boundary layer 2—39069
- Ar in channel of high-frequency plasmatron, parameters 2—12363
- He II, application of macroscopic quantum uncertainty principle study of 3rd sound 2—9197
- gases
  - *see also Acoustic streaming;Aerodynamics; Anemometers; Supersonic flow*
  - acoustic induced streams, theory 2—28475
  - acoustic oscillations effects on stability and structure 2—6144
  - adiabatic compressible turbulent boundary layer, wind tunnel model for obs. in adverse and favourable pressure gradients 2—21900
  - adverse pressure gradients, arbitrary mean flow 2—31921
  - aerodynamics of slender bodies and wing-body combinations at freestream Mach. number one 2—28712
  - aerofoils, two dimensional, turbulent boundary layers and surface pressure fluctuations 2—1025
  - around afterbody in wake of 120° cone, wind tunnel investigation at Mach 3.0 2—12498
  - air, across mountain ridge, numerical obs. 2—22957
  - air, axisymmetric turbulent jets, local entrainment rate in initial region 2—24959
  - air, boundary wall shapes for uniform flow through inclined filter 2—1023
  - air, characteristics and turbulence, transformation due to change of surface roughness 2—13694
  - air, checking consistency of velocity obs. using hot wire anemometer 2—20799
  - air, effect on acoustic attenuation props. of expansion chamber filter 2—23357
  - air, effects of acoustic disturbances on velocity fluctuation and vortex shedding in shear layer behind circular cylinder 2—35648
  - air, features of a flat stream in a closed vessel 2—6137
  - air, free convection velocity field around the periphery of horizontal torus 2—39248
  - air, laminar in pipe, velocity meas. by single channel optical anemometer 2—15525
  - air, non-reacting, finite difference method for silution of turbulent tube flows 2—6128
  - air, stratosphere, over and downwind of mountain regions 2—40934
  - air, sub-sonic, edge-tone oscillations meas. by laser anemometer 2—15526
  - air, turbulent, in concentric annuli, analysis, expt. obs. 2—3174
  - air, turbulent flow in pipes, vel. and temp. fluctuations 2—35647
  - air, velocity and mass flow meas., ionization device 2—18736
  - air jet , mixing with lower-velocity air stream, in constant diameter pipe 2—1022
  - air stream, heat transfer from sphere 2—28739
  - air turbulence above simple water waves, momentum transfer 2—15553

Flow continued
- **gases** continued
  - anemometer, rotated hot wire for turbulence obs. in wake of flat plate 2—3295
  - anemometers, multiunit system for airflow obs. in large ducts 2—3300
  - annulus, transition from free molecule to continuum flow 2—32156
  - atmosphere, nonlinear interaction of potential and kinetic energy, enstrophy and potential enstrophy 2—16824
  - atmosphere, two layer baroclinic model, nonlinear interaction of waves and zonal current 2—37143
  - atom concentration obs., tandem isothermal calorimetric probe technique 2—28703
  - axisymmetric and plane, critical streamline length 2—18730
  - base region, steady flow of monatomic rarefied gas over semi-infinite bar 2—39236
  - binary mixtures, in fine capillaries and diffusion 2—24955
  - binary stars, Bernoulli's theorem pertaining to gas flow in close systems 2—10901
  - boundary layer, turbulent Schmidt and Lewis nos. 2—12486
  - in capillaries and catalysts, model 2—18726
  - capillary flow, kinetic theory 2—28705
  - chemically reacting, over surface, boundary conditions 2—39267
  - coaxial jets, turbulent mixing coefficient correlation, with and without secondary flows 2—28699
  - compliant tube, unsteady gas pulsations 2—28697
  - composite system, additivity of transmission probability 2—39239
  - compressible, cascaded blades in nonuniform subsonic stream 2—39251
  - compressible adiabatic, through porous material, one dimensional theory 2—1018
  - compressible boundary layer flow past a swept wavy wall with heat transfer and ablation 2—28708
  - conducting in Laval nozzle in the presence of a vertical magnetic field 2—6054
  - controlled temperature supply device 2—21928
  - Couette flow, linearized, plane, application of improved boundary cond. method in kinetic theory 2—1034
  - through cylindrical orifices, ang. distrib. of simple and complex system, mass spectrometric determ. 2—39240
  - deactivation of unstable particles, expts. interpreted by results for diffusion in a cylindrical reactor 2—6026
  - deflecting, heated jet interaction, temp., velocity, turbulence intensity profiles 2—18734
  - over delta wing, viscous layer interaction with external flow 2—6146
  - over delta wing in low-speed wind tunnel, oscillatory deformation 2—6145
  - diabatic, complex lamellar, vortexline geometry 2—6126
  - dimensionless numbers for calc., applic. in design of injectors for diffusion flame burners and sonic throats 2—28704
  - disperse, high temp., radiation spectra, photoelec. obs. 2—39101
  - drop motion in a viscous gas stream 2—39244
  - electro-gasdynamic flow behind a source of charged particles 2—6164
  - electrogasdynamic flows in channels, stability of electrostatic ion waves 2—28692
  - equilibrium, molecular beam extraction investigated by shock beam model 2—21584
  - finite element analysis for steady compressible 2—18727
  - flow line structure, influence of approximations and occurrence of bifurcations 2—6135
  - fluctuating near a stagnation point on a hot wall series solutions 2—35655
  - fluidized bed, flow through a bubble 2—35394
  - forces transmitted to vibr. cylinder, mech. model, wind tunnel obs. 2—35649
  - free-stream turbulence effects of local heat transfer from a sphere 2—39245
  - gas particle flows, radiation resisted shock waves 2—24967
  - heat and mass transfer in an incompressible turbulent boundary layer 2—39246
  - heat transfer, in axial flow electric arc subject to pressure gradient, rel. to steady state characteristics 2—21893
  - heat transfer, turbulent boundary layer, meas., along convergent-divergent nozzle 2—18760
  - heat transfer, wedge shaped body base to separated flow region 2—18759
  - heat transfer for non-steady flow in absorbing, emitting and scattering fluid near three-dimensional stagnation point 2—21908
  - heat transfer for non-steady flow in absorbing, emitting and scattering fluid near three-dimensional stagnation point 2—21908
  - heat transfer from cylinders to air, in cross flow for Reynolds numbers from 10^{-2} to 2×10^{5}, continuous correlation equation 2—30891
  - heated, in annuli with temp. dependent transport properties 2—6133
  - high pressure, technique for introducing low concentrations of additives 2—5095
  - high Reynolds number, simulation for flight vehicle testing, devices 2—12490
  - highly rarefied gas, hypersonic flow past sphere, ray model for reflection of molecules 2—28706
  - hydroxyapatite, powder, compacted membrane, of Ar, N_2, CO_2, He, H_2, Ne, 77-303K 2—39554
  - hypersonic, leading edge wedge angle, flat plates 2—3301
  - hypersonic low density gas stream, flat plates 2—3301
  - inert. gases at low pressure through steel capillaries, temperature dependence 2—18731
  - initially cold gas, flow after short shock, perturbation methods 2—5249
  - internal rarefied flow with backscattering 2—32155
  - jet interaction forces, into supersonic stream 2—28701
  - laminar boundary layer flows, effect of mass transfer on recovery factors 2—32150
  - laminar boundary layer of reacting mixture, integral solution 2—24958
  - laminar compressible wakes behind slender bodies, integral theory for instability 2—28711
  - laminar in tube, coupled heat and mass transfer 2—3299
  - laminar separated flows establishment time 2—24954
  - laser induced turbulence 2—32147
  - laser schlieren technique, dark field, for study of mixing in unsteady flow 2—21901
  - liquid droplet breakdown in 2—1063
  - liquid drops in high-speed gas flow, deformation and mass loss 2—1019
  - liquid/gas mixture, frictional pressure drop in horizontal pipes 2—24993
  - local mass transfer coefficients meas. for flow past solid bodies using radioisotopes 2—39234
  - low velocity measurement 2—12489

Flow continued
gases continued
low-pressure flow through steel capillaries, temperature dependence 2—18731
low-velocity, through plasma devices 2—18593
mass transfer, cylinder to air, rel. to turbulence and Reynolds number 2—18732
methane-air combustion gases as aerodynamic test medium 2—39257
molecular-flow networks, elec. circuit analogies, mol. wt. meas. app. design 2—39241
Navier Stokes theory for flow between relatively rotating coaxial cylinders 2—3337
non-equilibrium dissociative gasdynamics, singular surface of order one 2—6129
nonadiabatic flat plates, hypersonic turbulent skin-frinction and boundary-layer profiles 2—32158
nuclear reactor, heat exchanger instationary hot gas flow phenomena 2—15109
nuclear reactors, hot gas channels in the bottom of the core, THTR 2—15103
one dimensional, through shock waves, formulae for stagnation conditions 2—35651
parallel, through roughened rod cluster, forced convection heat transfer 2—31627
patterns in models of small airway units of lung 2—26946
perfect gas between heated parallel plates, internal laminar heat transfer 2—18761
pollutants, dilution measurement by pulse injection of radioactve gas into flow 2—3286
polyatomic, in front of obstacle, stagnation pressure rel. to thermal relaxation 2—3289
porous media in region of molecular, transition and slip flow, meas. 2—24956
porous medium, Klinkenberg effect, meas. of coeff. b 2—15528
porous solids, limitation of rates of reactions 2—3307
Prandtl-lifting line theory extended to low aspect ratio wings 2—1026
pressure differences, transducer for obs. 2—3294
pressure fluctuations beneath turbulent boundary layer, discrimination of transducers 2—15527
pressure oscillations in shallow cavities 2—1021
radiative transfer effects on reflected shock waves 2—3293
rarefied Couette flow, heat transfer by discrete ordinate method 2—9016
real fluids, with negative fundamental derivative 2—32157
real gas in cylindrical pipe, thermodynamics of isothermal permanent motion 2—39235
reverse flow principle 2—3320
r.f. discharge, high speed gas flow, sparking potential 2—35629
roughness effects on determination of friction coefficients, turbulent motion of incompressible flow in pipes 2—3331
secondary, longit. vortices, onset in forced convection 2—18733
self-similar, with increasing energy 2—24957
separated, effects on space vehicle dynamics, analytic theory 2—26568
separated by transverse rectangular notch in flat plate, heat transfer rate 2—6132
shear, barotropic, stability to nongeostrophic disturbances 2—16826
shock, strong, normal, influence of radiation and equilibrium reactions on flow variables in front of and behind 2—12496
shocked exothermic gaseous mixtures, development of instabilities 2—39233
slit flow, nearly free-molecular, of noble gas at finite pressure and temp. ratios 2—9018
solid particle suspensions, deposit formation on surfaces, heat and mass transfer 2—12585
solid phase particle in backward gas flow influence of concentration on motion of dispersed material 2—35801
sonic three-dimensional obstacles 2—3309
source expansion flow into vacuum, numerical analysis 2—32154
spacecraft re-entry 2—35670
spectra of thermally stratified turbulent flow with no shear 2—24963
stability criteria for bluff body stabilized electrodeless arc 2—39225
stability of small disturbances in stratified free shear layer 2—32152
steady nondissipative, solution by geometrical characterisations 2—39237
steam, annular, shear dominated, local condensing heat transfer coeffs. 2—1147
stellar envelopes, rapid differential rotation, turbulent flow 2—26705
stratified airflow over a heated island, wind tunnel experiments 2—21907
stream, high enthalpy, generation in plasma torch 2—35517
subsonic aerodynamic boundary problem, theoretical soln. 2—9019
subsonic jet shear layer, optical crossed-beam meas. of turbulence intensities 2—18721
subsonic swirling flow in nozzles, mass blocking concept 2—28700
super Alfvenic, second order Cowley-Imai analogy in UHD 2—24638
super-Alfenic supersonic, over cone in aligned fields 2—24960
supersonic, around cone 2—39253
supersonic, thermal meas., calorimetric probes 2—28721
supersonic and subsonic, coexistence in a constant section duct 2—6139
supersonic base, recirculation zone, theoretical 2—9021
supersonic gas stream in tube, velocity measurement 2—35650
surface pressure fluctuations near axisymmetric stagnation point 2—15529
suspension, solid particle conc., piezoelectric sensing technique 2—28912
temperature fluctuations in turbulent wake behind heated cylinder 2—3290
third orthogonal velocity component det. using two rotationally displaced laser Doppler velocimeter systems 2—33866
transonic flow about 2-dimensional airfoils, coordinate transformation 2—24952
turbulent, eddy viscosity, Phillips' hypothesis, comparison with expt. 2—1040
turbulent, nonequilibrium dissociating gas in circular tube, heat transfer 2—12485
turbulent, of mixtures undergoing equilib. and non-equilib. reaction in a tube with surface mass transfer 2—6128
turbulent, weakly ionized, laser probing and comparison of neutral and plasma fluctuations 2—3291
turbulent air stream under transverse flow conditions, equation for diffusion of electrically charged particles 2—32187
turbulent boundary layers in two and three dimensions, similitude solutions 2—39262
turbulent due to rotating disc 2—3292
turbulent jet, supersonic, schlieren obs. of density fluctuations 2—18729

Flow continued
gases continued
turbulent jet discharging into uniform crosswind exptl. investigation 2—35654
turbulent shear flows, calc. methods for vortex motions 2—32148
two-dimensional turbulent wall jet in a moving stream with arbitrary pressure gradient, determ. parameters 2—18725
two-dimensional underexpanded jets, flowfield analysis of plumes by time dependent method 2—28691
two-dimensional unsteady expanding, finite difference calc. 2—35644
uniform streaming, turbulent jets and wall jets 2—3285
unsteady, about a solid cylinder falling through a viscous fluid contained in a vertical tube 2—35652
unsteady, in long circular tube 2—32149
unsteady transonic in two dimensional channel of perfect gas with constant specific heats 2—32151
unsteady wake of an oscillating cylinder at low Reynolds number hot wire anemometer meas. 2—35653
in vacuum systems, eqns. 2—39238
velocity obs. in shock tube with hot wire anemometer 2—3287
vibrational nonequilibrium nozzle flows, similar solutions 2—24949
viscous, three-dimensional steady radial expansion from a sonic source into a vacuum 2—32166
vortex, through three-dimensional axially symmetric channels, numerical solution 2—1024
vortex filament containing axial flow, motion and stability, slender-body analysis 2—6130
weak inhomogeneities. holographic interferometry for visualisation 2—24964
Ar, ionized, corner-expansion, determ. recombination rate constant as function of temperature using dual-frequency laser interferometry 2—3302
Ar, partially ionized, in separation reattachment and redevelopment regions downstream of an abrupt circular channel expansion 2—39249
CO, meas. of $C^++e^-+e^-$ and CO^++e^- recombination 2—18701
CO_2 population inversion due to expansion through supersonic nozzles 2—5362
He, hypersonic tunnel, air condensation effects 2—6138
KCl, mass spectrometric ang. distrib. study of effusion from cylindrical orifices 2—9017
K_2Cl_2, mass spectrometric ang. distrib. study of effusion from cylindrical orifices 2—9017
N_2, nonequilibrium dissociating flow over spheres and circular cylinders 2—39242
N_2 arc, high pressure, burning in 2—24944
NO_2-NO-O_2 nonequilib. mixtures finite difference method for solution of turbulent tube flows 2—6128
N_2O_4-NO_2, equilib. mixture finite difference method for solution of turbulent tube flows 2—6128
N_2O, enhancement of turbulent diffusion in parallel wall duct 2—3312
N_2O_4, dissociating, turbulent, heat transfer obs. 2—6127
O_3, metering system, design and operation 2—28702
liquids
see also Acoustic streaming; Double refraction/flow; Hydrodynamics; Superfluidity
acoustic induced streams, theory 2—28475
anemometer, constant-temp. hot-wire, calibration at low velocities in H_2O with variable fluid temp. 2—39302
azimuthal dissipative flow set up by rotating magnetic field 2—28491
blood, arterial, hot film probe for obs. of velocity distrib. and transition to turbulence 2—26945
blood, automated obs., radio isotope studies 2—2031
blood, cerebral, det. after incracarotid injection of ^{133}Xe 2—23148
blood, instantaneous obs. using ultrasound 2—5036
blood plasma motions in narrow capillaries 2—18776
boundary layer turbulence in free surface channel flow, different surface roughness conditions 2—6172
butadiene-styrene block copolymers, branched, steady flow behaviour studied above upper glass transition 2—6179
di-n-butylphthalate-water system, fluid flow around interfacial turbulence investigated 2—6177
carbon tebachloride- benzene system conc. gradient meas. as function of temp. grad. and flow rate 2—21977
cavitating flows around curvilinear arc 2—39305
cavitation hydrodynamic noise, approx. theory 2—28760
cavity, driven by buoyancy and shear 2—15546
cavity, past aerofoils, linearized theory 2—15551
centreline-Bernoulli eqn. for quasisteady dilute polymer flow 2—9055
in channel, flat, interaction of 2 streams 2—1046
chlorinated polyvinyl chloride, capillary flow, melt fracture 2—15548
cholesteric liquid crystals, compensated, flow behaviour 2—39338
circular cylinder in cross flow, effect of free-stream turbulence on mass transfer 2—35708
Coanda effect investigation using streaming potential technique 2—39294
in constricted tapered tubes, mechanical effects 2—14027
convective instability of liquid layer in modulated field of external forces 2—39295
Couette, solute solvent system, gravity effect on longit. dispersion 2—3334
dielectric, under electrostatic stress, laser- Doppler method 2—3339
discharge lamps, coolant liquid spectral characteristics 2—14469
dispersion equation in porous media, perturbation solutions 2—28753
dispersion of matter in turbulent pipe flows 2—32193
drag coefficient rel. to Reynolds number for decelerating water droplets 2—1865
drag reduction by polymer additives, nonuniform concentration as mechanism 2—32218
drag reduction by use of MHD boundary-layer control 2—3340
elastico-viscous, unsteady motion of sphere 2—12518
elastico-viscous liquid free convection flow from horizontal plate 2—9053
electro-fluid, rel. to Winslow effect 2—28883
electrolyte pressure and flow distrib. in fuel cell batteries 2—5315
ethylene glycol, pipe flow, low Reynolds no., turbulent vel. and temp. fields 2—9051
falling film, turbulent flow 2—39320
falling sheet of water, stability 2—9063
film draining on a cylindrical surface, determ. of velocity distribution 2—35717
film of constant thickness around strongly curved surface of arbitrary shape, calc. 2—28776
films, velocity profile across section, wave characts. and mass transfer 2—1068

Flow continued
liquids continued
flexible macromolecule solutions, stress relaxation after shearing flow 2—24995
free convection in water near maximum density temperature 2—21936
free surface boundary conditions for numerical calculations 2—15432
geometrical flow constant, upper and lower bounds 2—39347
glass, flow behaviour during extrusion 2—22331
gravity, two dimensional, free-surface, past blunt bodies 2—18786
gravity waves on surface 2—21941
high polymer solutions, dynamic properties under combined steady and oscillatory shearing flow 2—39298
immiscible liquids in fissured porous medium, shock wave 2—179
in-line flow through unbaffled rod bundles, turbulent flow heat transfer 2—185
incompressible, rot. self-excitation, rel. components, stability problem 2-35696
jet system, one row, issuing from round orifices 2—15558
jets, mixing in the transversal stream 2—1057
laminar, in dielectric siphons 2—25097
laminar, past a parabolic cylinder, numerical solution of Navier-Stokes equations 2—21931
laminar MHD boundary layers, lateral velocity profile, on current conducting surface 2—28486
liquid/gas mixture, frictional pressure drop in horizontal pipes 2—24993
M2 type backwater profile analysis 2—39297
magnetohydrodynamics, of conducting liquids in rectangular channel 2—953
mass transfer effect on heat transfer to evaporating droplet 2—34200
metal, in skew mag. field 2—968
metal, thermal convection, theoretical anal. 2—28751
metals, heat treansfer to in-line flow through tube bundles at constant and exponential heat flux distribution rel. to reactor cooling 2—38723
Methocell in water and water, velocity profiles on downstream side of contraction 2—35702
MHD, conducting liquid between parallel plates, equations 2—6171
MHD, laminar flow in rectangular tube, at moderate Hartmann numbers 2—35447
MHD, planetary ellipsoid application 2—13889
MHD, ratio method of obs. 2—948
MHD, volume forces calculation, conducting liquid between ferromagnetic cylinders 2—28487
mixing phenomena for density currents 2—6173
natural convection boundary layer, laminar- to-turbulent transition 2—39301
nematic, orientation pattern, linearized continuum mechanics 2—9084
nematic liquid crystals, weakly ordered, flow alignment 2—24994
non-dimensional surge tank analysing computer program 2—18772
non-Newtonian, laminar motion 2—35700
non-Newtonian, mixing models for various stirrers 2—6170
non-Newtonian, unsteady, laminar flows in pipes 2—35698
non-Newtonian liquids, helical flow 2—1044
non-stationary in pipes, dynamics 2—1047
nonisothermal theory for viscous system 2—18773
ocean circulation, linear theory, fundamental boundary value problem, unique solution 2—20293
patterns, in 2 dimensional diffusers with laminar boundary layer entry, recording on water table 2—6174
phonon drag through solid partition 2—39300
pipes, numerical solutions, velocity profiles, applications to physiological flow pulses in the aorta 2—3336
plane Poiseuille, influence of heat transfer on stability 2—18777
polyacrylamide solution, structure of turbulence in pipe flow, laser anemometer obs. 2—28758
polyethylene, high mol. wt., flow behaviour 2—1043
polyethylene melt containing dissolved gases 2—18778
polyethylene melts, high density, molec. weight distribution effect on capillary flow 2—21944
polyethylene melts, viscoelastic fluid, flow through rectangular duct 2—25008
polyethylene oxide solution, structure of turbulence in pipe flow, laser anemometer obs. 2—28758
polyisobutene soln., viscometric functions in steady shear flows 2—3341
polymer melts, in entrance region of circular tube, wall normal stresses 2—25006
polymer soln., weak aqueous, flow, continuum mech. approach 2—35697
polymer solution, drag reducing, velocity obs. with laser dopplermeter 2—25007
polymers, torque reduction in finite amplitude secondary flows of dilute solution 2—3372
through porous media, obs. of heat transfer modes 2—21934
porous media, scalar transport, dispersion vector, functional depend. 2—9057
potential flow past a group of circular cylinders 2—32194
pulsating, velocity profile effects in e.n. flow obs. 2—12521
pulse radiolysis flow systems, variable temp. cell housing 2—14480
radioisotope constant-rate-injection method meas. 2—6176
rodlike macromolecule solutions, time-dependent shearing flow 2—28798
rotary annular columns, dispersed phase hold-up and mean drop diameter 2—35704
rotating, motion of an asymmetric body 2—6168
between rotating porous cylinders, example of boundary layer theory 2—27013
seawater, horizontal diffusion in stratified vertical shear flow 2—37119
separation at upstream edge of square edged broad crested weir 2—28750
shallow water equations, comment on previous paper 2—21942
shear, unstable, with restricted rheological law 2—944
solvent, cumulants of the distribution of concentration of a solute 2—12517
stability of parallel flows of second order liquids, effects of viscoelasticity 2—9056
stratified, semiautomatic liquid marker particle ejector for flow visualization 2—3338
stratified, through a constriction, Hugoniot's method 2—35699
streamflow estimation using Thornthwaite's climatic water-balance 2—40959
streamline pattern, near liquid in vehicle channel with moving walls 2—28747
thin film wavy flow, along inclined solid surfaces, boundary layer treatment 2—12533

Flow continued
liquids continued
tidal, one-dimensional, bottom friction 2—4647
tube rheometer, new method for evaluation of data 2—12519
turbulence measurement using drag force on spheres 2—25012
turbulence obs. in cylindrical pipe using real-time hologram-moire interferometry 2—31091
turbulent, pipe, physical model for drag reduction 2—6167
turbulent flow, instability and density profile in strongly stratified ocean 2—37107
turbulent fluctuations, laser beam attenuation 2—18823
turbulent in pipes, transition for water and dilute solutions of polyethylene oxide 2—12522
turbulent press, fluctuations on smooth and rough walls 2—39303
turbulent streams, exptl. meas. of rate of dissolution of solids 2—28757
turbulent swirling pipe flow 2—12523
turbulent tangential stresses 2—39322
turbulent temperature boundary layers with constant wall temperature, momentum transfer 2—35707
velocity, device for contactless obs. 2—18779
velocity distribution, using luminescent particles 2—9058
velocity profiles near wall of fluidized beds 2—3343
viscoelastic of arbitrary memory, stability eqn. 2—3347
viscous, stability between two rotating nonconcentric cylinders 2—39299
viscous liquid, creeping flow in region between horizontal plate and moving scraper 2—35701
vortex flow, axisymmetric, mixing with coaxial jet 2—15557
vortex rings, structure and stability 2—12524
wake, incompressible, two dimensional, stability anal. 2—15556
water, laminar, in horizontal tubes with uniform heat flux, combined forced and free convection effects 2—9054
water, low velocity, pressure obs. 2—20807
water, motion caused by piston in pipe 2—12347
water, through tube with and without boiling, forced convection heat transfer at elevated flux 2—34199
water, u.s. wave amplitude and phase modulation, turbulence effects 2—28849
water, u.s. wave amplitude modulation and turbulence effects 2—28848
water cylinder, near enclosed rotating disc 2—3335
water in closed conduit, visualization technique by hydrogen bubble method 2—15547
in Fe, porous, hydraulic resist. 2—29456
H_2O, film, laminar and turbulent, along vertical tube, heat transfer coeff. of evap. 2—18883
He, superfluid, analogue of d.c. Josephson effect 2—32300
He II, small superfluid velocity 2—39410
Hg, velocity meas. in transverse mag. field, comparison of hot wire and conduction methods 2—1048
Pb, thermal and natural convection 2—25005
Se, molten, electrical conductivity anisotropy in laminar flow and chain structure 2—28893
Sn, thermal and natural convection 2—25005

two-phase
acoustic propagation speed, critical mass flux, critical flow 2—18568
activated fluid, two-phase horizontal flow, motion of solid particles 2—35802
aerated water, measurements by radiometric probes 2—39296
air bubbles-liquid, relationship between apparent viscosity and void fraction 2—8878
air through packed spheres, effect of sound 2—31901
air-solids suspensions, turbulent, heat transfer 2—28902
air-water, annular in horizontal tube 2—24626
air-water, axial, response of cylindrical cantilever 2—14245
air-water, forced convection heat and mass transfer from moving interface 2—21752
air-water, heat and mass transfer 2—24632
air-water, radiotracer method of velocity obs. 2—3178
air-water mixture, slip distrib. and ave. void fraction meas. techniques 2—24628
anemometry, laser Doppler, frequency tracker design 2—35440
annular-dispersed, droplet interchange model 2—35714
averaged equations 2—931
averaging approach 2—35438
blood, characteristics, surface chemical aspects 2—14026
blood, red cell arrest under ultrasonic irradiation 2—17108
blood, single model fluid drops and red cells, shear, hemodynamics 2—14035
boiling front propagation in porous medium, heat transfer 2—35705
bubble train condensation, approx. soln. 2—24999
bubble/sub-cooled liquid stream system, injected bubble condensation 2—24998
cell model for transport in bubble swarms, viscous flow through particle assemblages at intermediate Reynolds numbers 2—31900
collection efficiencies of small droplets falling through sheared air flow 2—32212
conference, Haifa, Israel, Aug-Sep (1971) 2—24624
critical, one- and two-components, variable slip model 2—35437
critical heat flux in uniformly heated annuli, fluid modelling 2—24996
critical heat flux in vapour injected supercooled Freon (R-113), high press. flow 2—24997
critical mass of liquid-gas mixtures 2—919
cross cocurrent flow, mass transfer study 2—35405
cylinders, in dilute suspensions, orientation distribs. in shear and elec. fields 2—35435
cylindrical type, perturbed, comments and author's reply 2—39063
deformable drop suspended in long conduit, second order theory 2—32213
dispersions at tube-entrance, laminar, isothermal and nonisothermal 2—32287
drag coeff. determ. for particles in rarefied, low-Mach number flows 2—24629
drop motion in boundary layer on flat plate 2—12531
droplet solidification effect upon nozzle flow 2—32168
dryout obs., combined photographic film thickness and temp. technique 2—24275
film boiling on hemisphere, stagnation-point free-convection, viscous effects 2—25001
filtering of triphase fluid in porous medium, Buckley-Leverett model 2—39304
fluid solid dilute system, heat transfer, similarity variable test 2—25121

- **Flow** continued
  - **two-phase** continued
    - fluidized beds, mechanical macroscopic theory using averaged equations 2—3418
    - foam, one dimensional, gas dynamic functions 2—6025
    - foams, mechanical macroscopic theory using averaged equations 2—3418
    - Freon 12, saturated and superheated, heat transfer during film condensation 2—25000
    - Freon (R-113), supercooled, vapour injection effect on crit. ht. flux, high press. flow 2—24997
    - gas and solid particles, fundamental equations 2—1123
    - gas bubbles in liq., inviscid flow into deep pool from single orifice 2—3351
    - gas-dust mixtures, heat transfer, directional radiation, calc. 2—27313
    - gas-liquid, high velocity, local velocity and void fraction meas. technique 2—24633
    - gas-liquid, high-velocity, transverse slip of gas and energy migration 2—35439
    - gas-liquid, nonequilibrium, effect of polydispersivity of condensed phase 2—12586
    - gas-liquid, stagnation temperature in terms of measurable props. of free stream 2—6033
    - gas-solid suspension turbulence 2—32286
    - heat pipes, performance, lifetests and startup 2—30892
    - heat transfer and fluid flow in a porous media, two-dimensional analysis 2—21757
    - inclined pipelines, slug flow, holdup and pressure drop 2—909
    - inline tube bank, surface roughness effect 2—3173
    - jet, particle velocity calc. 2—15615
    - jets of liquids in gases, rel. to turbulence damping 2—24627
    - laminar dispersion of solute through porous medium, universal stability 2—32195
    - laminar filmwise condensation of flowing vapour on horizontal cylinder, soln. of two-phase boundary layer eqn. 2—22040
    - laminar filmwise condensation on a vertical surface. solution of two-phase boundary layer eqn. 2—22039
    - laminar plant jet of liquid, steam condensation 2—28953
    - laminar suspension boundary layer, migration meas. by laser-Doppler anemometer 2—25120
    - linear, in porous materials, math. model 2—3342
    - liquid, heat transfer during filtration flow through porous material 2—35422
    - liquid containing gas bubbles, weak shock waves, Crespo two phase flow model 2—25016
    - liquid drop in high velocity gas jet 2—39312
    - liquid film, surfactant contamination effects on finite amplitude stability 2—25030
    - liquid through porous media, obs. of heat transfer modes 2—21934
    - liquid thin films, finite-amplitude wavy flow, theory 2—25029
    - liquid through porous elastic media, consolidation theory, constitutive relative 2—21933
    - liquid-gas, radiotracer method of velocity obs. 2—3178
    - liquid-gas spray flows, heat transfer amplification 2—32215
    - liquid-vapour, momentum and heat transfer obs. 2—28453
    - liquid/gas mixture, frictional pressure drop in horizontal pipes 2—24993
    - longitudinal mixing of the liquid phase in packed columns 2—31902
    - multiparticle slow viscous, multipole representation technique 2—35434
    - nuclear reactor coolant, induction of vibrations in power channels 2—14247
    - oscillation in hot channel, hydrodynamic instability 2—35408
    - oscillation in hot channel influence of heat transfer characteristics on flow stability 2—39033
    - polydisperse graphite suspension, heat exchange, mag. field effect 2—39399
    - porous media equation, asymptotic behaviour 2—31920
    - pressure drop correlation, energy balance obs. 2—39043
    - red blood cells, importance of plasma mixing 2—14033
    - sedimentary pipe flow 2—35805
    - semiporous channels, mixture of gases flowing, heat transfer and application to freeze-drying 2—30887
    - skin-friction and film-thickness meas. in upward flow through annulus 2—24631
    - slug, horizontal, pressure drop and holdup 2—913
    - solid phase particle in backward gas flow influence of concentration on motion of dispersed material 2—35801
    - solid-gas, in vertical pipes, particle dynamics 2—25122
    - spectral characteristics, electrochemical detection 2—31917
    - past spheres, ellipsoids, incompressible boundary-layer eqns., analysis 2—3175
    - spheres in conc. suspensions, viscosity, statistical mechanical calcs. 2—35436
    - spherical droplets, symmetrically placed about axis of circular cylinder, slow settling 2—39398
    - spherical solids/gas mixture, fundamental eqns. from kinetic theory 2—35803
    - spheroids in steady axisymmetric flow, heat and mass transfer, numerical soln. 2—31924
    - stagnation temperature in terms of measurable props. of free stream 2—6033
    - steam-water, vertical annulus, dispersed upward flow, heat transfer coeff. 2—1042
    - Stokes flow drag on prolate and oblate spheroids during axial translatory accelerations 2—25116
    - suspension, neutrally buoyant rigid particles in Newtonian liquid, interactions 2—22011
    - suspension in turbulent channel flow, entrainment mechanics 2—25124
    - suspension in turbulent jets, diffusion rel. to small particle size 2—25123
    - thermoelastic theory of consolidation for a porous material 2—22352
    - thin film fluids, undulating flow in a gas stream 2—39321
    - turbulent, in concentric annuli, analysis, expt. obs. 2—3174
    - upward, exptl. apparatus and flow patterns 2—32190
    - upward, pressure drop at liquid-air confluence 2—32191
    - upward, static pressure pulsation based upon time-varying density single-fluid model 2—28474
    - upward flow, slug flow model analysis of static pressure pulsation 2—24623
    - velocity and void fraction determ. at high pressure using elec. probes 2—24630
    - in Venturi tubes, rectangular, mathematical correlation35404 2—35404
    - vertical upward flow of steam-water mixture in sixteen rod bundle, heat transfer crisis data 2—31626
    - viscosity of gas-liquid solutions meas. in high-pressure viscometer 2—39349
    - viscous, heat transfer, between two coaxial cylinders 2—2271
    - viscous, through rigid porous medium, equation of motion 2—39049
    - void fraction determination 2—35799
    - water, boiling system, time-dependent diabatic flows prediction 2—24625
    - water and oil in rectangular channel, stability 2—35709
    - water drops in air, velocity determination by Doppler effect with laser light 2—28696
    - water-air, wave struct. on liq. film rel. to entrainment 2—25019
    - water-steam, out-of-pile subchannel meas. in nine-rod bundle for water at 1000 PSIA 2—25002
    - water-steam, precipitation of drops onto wall liquid film 2—28695
    - H_2 density meas. by open-ended microwave cavity 2—27346
    - Hg, liq.-vapour interface transport, obs. using radioactive tracer 2—25004
    - Na-Ar invertical channel, void fraction and heat transfer coefficients 2—21932
    - Zn vapour in the carrier gas, hypersonic flow with condensation, Pitot pressure 2—28707
- **Flow birefringence** *see Double refraction/flow*
- **Flowmeters**
  - *see also Anemometers*
  - air-water system, radiotracer method of velocity obs. 2—3178
  - blood, using n.m.r. techniques 2—6175
  - blood O_2 gauge, for obs. during artificial circulation 2—20730
  - conducting, optimum magnetic field distribution 2—950
  - conduction level indicator, microflowmeter for liquid metals 2—25010
  - cryogenic, evaluation of performance 2—1049
  - cryogenic, positive displacement, evaluation of performance 2—3345
  - Doppler, using continuous ultrasound for blood flow obs. 2—5036
  - Doppler holographic technique for flow visualisation and velocity meas. 2—6021
  - electroacoustic feedback method 2—21728
  - electromagnetic, weight function calculation in the dimensional approximation 2—961
  - e.m., differential eqn. soln. 2—35706
  - e.m., sensitivity, effect of cond. pipe connections and surrounding liquid 2—32196
  - e.m., two-component, for l.f. flows in shallow water 2—40906
  - e.m., with nonuniform mag. fields and flow patterns 2—12521
  - gas, highly turbulent and rapidly reversing flows, shielded hot-wire probe 2—28698
  - hot wire anemometers in low and highly turbulent flows 2—3297
  - ionization, multi-range, for air velocity and mass flow meas. 2—18736
  - laser Doppler meas., photon correl. spectroscopy applic. 2—32153
  - laser Doppler velocimeters statistical properties and calc. of zero crossing statistics 2—18555
  - lasers, review of mode of operation and applications 2—3283
  - liquid, velocity distrib., using luminescent particles 2—9058
  - liquid metals, by MHD meter with cylindrical magnet, potential distributions 2—947
  - liquid velocity distrib. obs. using optical tagging 2—28754
  - mass flow meas., survey 2—12520
  - movable tube, perpendicular type 2—28468
  - movable tube of core type 2—28755
  - ocean surface current measurement by dynamics of temperature inhomogeneities 2—13644
  - optical, for local flow velocity, simulator for adjusting 2—28752
  - optimum modulus for constricting device, methods of increasing accuracy 2—21748
  - pollutants, dilution measuremeht by pulse injection of radioactive gas into flow 2—3286
  - radioisotope constant-rate injection method, flow of water through hydroelectric turbines 2—6176
  - ratio method for conducting media 2—948
  - specific flow method, for components having different velocities 2—39243
  - straight piping lengths for flow-rate measurements 2—39260
  - thermistors employment, NTC and PTC types 2—6136
  - thermoconductimeter applic. for low vel. meas. in liqs. 2—25009
  - tube rheometer, new method for evaluation of data 2—12519
  - u.s., calibration 2—25011
  - u.s., one-path, using electroacoustic feedback 2—31925
  - He-Ne ring laser used as flowmeter 2—28467
  - ^{3}He, ^{4}He gas, for dilution refrigerators 2—33820
  - O_3, design and operation 2—28702
- **Fluctuations**
  - *see also Brownian motion; Random processes*
  - γ flux in nuclear reactors for analysis of spatial coherence function and cross power spectral density of noise 2—24286
  - binary liquid critical mixtures, conc. fluctuations, vertex contribution to decay rates 2—12534
  - binary mixtures, hydrodynamic correl. functions 2—3367
  - book on statistical physics 2—37627
  - Bose-Einstein system, finite, density fluctuations and onset of superfluidity 2—7716
  - coherence function measurements for reactor noise analysis, precision 2—24287
  - concentration fluctuations in chemically reacting fluid, internal relaxation 2—22857
  - distributed oscillatory system, natural fluctuations 2—23479
  - EAS cores, Monte Carlo simulatons 2—23976
  - EAS development, exptl. investigations 2—23974
  - fluctuation-dissipation theorem for stationary open systems, Liouville-space formalism 2—2170
  - image dissector, statistical analysis of signal and noise pulses 2—27434
  - isotropic gyrotropic continuous medium, with rot. degrees of freedom 2—6019
  - lasers, detuned single mode 2—2381
  - light intensity, after propagation in nonlinear medium 2—11506
  - liquid metal elec. cond., high-temp., eddy-current probe obs. 2—34285
  - in nonequilibrium systems, phase-space description of chemical kinetics to replace birth and death model 2—87
  - nonthermal equil. systems, fluctuation-dissipation theorems 2—17258
  - phase, rel. to e.m. wave propagation, focusing 2—14308
  - plasma, fluctuating radiation propagation 2—15453
  - radiowaves, submillimetre, in turbulent atmosphere 2—16863
  - reactor coolant temp., rel. to neutron noise production 2—15101
  - spectral theory, hypersonic relax. in light scatt. 2—27112

Fluctuations continued
- superconductor, quantum fluctuation induced diamagnetiz. 2—32929
- superconductor, quantum phase fluctuations 2—13130
- surface pressure fluctuations near axisymmetric stagnation point 2—15529
- temperature, gravity waves associated with vapour- superfluid interface 2—30819
- thermodynamic force, in relaxing medium, calc. 2—5161
- velocity rel. to noise in metal-semiconductor-metal diode 2—36565

Fluctuons *see Quasi-particles*

Fluid flow *see Flow*

Fluid mechanics *see Hydrodynamics*

Fluidized beds
- averaged equations analysis, macroscopic mechanical properties 2—3418
- averaging approach to two-phase flow theory application 2—35438
- axially stressed packed, effective thermal conductivity 2—3176
- bubble cloud concept 2—8867
- bubble size and number in unrestrained growth, X-ray observation 2—31895
- bubble transition from two to three dimensions, X-ray observation 2—28439
- bubbles, deformed and interacting, gas and solids motion 2—12313
- bubbles, X-ray observation 2—28438
- conical, for coating of nuclear fuel particles, model 2—18256
- gas bubbles, rising, tracer gas photographic obs. 2—902
- gas flow through a bubble in a fluidized bed 2—35394
- heat transfer model 2—39034
- liquid, heat transfer from concentric heaters 2—2275
- liquid, horizontal penetration of air jets 2—3296
- liquid, mechanism of heat transfer 2—28832
- liquid, velocity profiles near wall 2—3343
- multistage, conformity of flow and mass- and heat-transfer 2—35400
- organic liquid-water, coalescence rates 2—1126
- packed, heat transfer between fluid and wall, one and two dimensional models 2—39038
- particle entrainment at high velocities, model test 2—31923
- reactors, dynamic models 2—31898
- residence time distribution in various systems in fixed and fluidized beds, generalized correlation derived 2—28458
- stationary, random, slow flow through 2—15434
- two dimensional, gas transfer between bubbles and dense phase 2—9187
- void distributions in a bubbly fluidized bed 2—35395

Fluidized powders *see Flow; Fluids; Powders*

Fluids
- *see also Fluidized beds; Gases; Liquids; Non-Newtonian fluids*
- acoustic excitation of shear layers 2—905
- activated two phase horizontal flow, motion of solid particles 2—35802
- barotropic Rossby waves and resonant amplification for fluid in rotating cylindrical annulus 2—6050
- binary mixture, acoustic wave propagation, thermomechanical behaviour 2—24588
- binary mixtures, light scattering using stochastic hydrodynamic equations 2—7990
- binary mixtures with solid phase, thermostatics 2—28437
- binary systems, diffusion and thermal diffusion in critical region 2—8872
- boundary layer flow on rotating vane, surface velocity at exit of vane 2—24599
- Brownian motion, near critical point 2—33941
- buoyancy and the Boussinesq approximation in horizontal boundary layers 2—24589
- channel flow instability, of incompressible viscous fluid, with antisymmetric velocity profile 2—21742
- charged hard spheres and sheets, structure function thermodynamic properties from mean spherical model integral eqn. 2—24586
- classical, Born-Green-Yvon theory, graph-theoretic analysis appl. to 4th virial coeff. for 12-6 potential 2—6016
- classical, mixture-model approach 2—24583
- conducting, motions induced by electric current jet 2—12351
- convection, combined free and forced, through vertical non-circular ducts 2—37821
- convection, forced, laminar and turbulent heat transfer in symmetric trapezoidal channel 2—34217
- convective rolls, two-dimensional, rectilinear, at supercritical conditions 2—12349
- convector, free, from cone with boundary layer control 2—6034
- cosmological two fluid model, Robertson-Walker metric 2—37238
- cosmological two fluid models, conformal and conformally flat metrics 2—33573
- critical opalescence of one component fluid, gravitational effects in small angle X-ray scattering expts. 2—22036
- dense, nonequilibrium diagram theory, numerical theory 2—31887
- density stratification of closed-return water channel 2—8884
- dielectric, molecular, free energy and Kerr effect 2—8868
- diffuser flow, measurement of intermittency factor 2—8879
- diffusion occurring in flow in cylindrical reactor 2—6026
- dipolar, oscillatory flow between parallel plates 2—35416
- discharge measurement from decay time of nuclear-precession signal amplitude 2—35403
- dissimilar with statistical rough plane interface, acoustic transmission Helmholtz-Kirchhoff theory 2—34109
- dynamic moduli in superposed oscillatory shear, asymptotic relations 2—24594
- dynamics, calculation method for all flow speeds 2—925
- dynamics with dissipation, formulation of gen. relativistic eqns. 2—14087
- Earth's core, density separation boundaries, logarithmic pot., inverse problem 2—37093
- elastico viscous fluid, unsteady free convective flow past an infinite plate with const. suction 2—24608
- electron mobility, Lekner's theory, discrepancies with expt. 2—12315
- electronic pipe flow simulator, reversible cell 2—6046
- energy tensor of relativistic perfect fluid 2—3161
- filtering of triphase fluid in porous medium, Buckley-Leverett model 2—39304
- flow, laminar, nonlinear stability theory, for exchange stabilities 2—6048
- flow, nonsteady, in duct with friction, approx. soln. 2—28456
- flow, numerical calculations, contour dynamics 2—926
- flow, residence time distribution in various systems in fixed and fluidized beds, generalized correlation derived 2—28458
- flow, speed and inclination of eddies in wall turbulence 2—8889
- flow, tubes, helically, coiled, secondary motion rel. to heat transfer 2—910

Fluids continued
- flow, unsteady laminar boundary layer on a semi-infinite plate due to small fluctuations in the magnitude of the free-stream velocity 2—12337
- flow in porous medium, equations of motion and continuity 2—28446
- fluid-like viscoplastic substances, yield stress meas. 2—28746
- general relativistic spheres, differential equations for non-charged spheres of perfect fluid 2—53
- of hard cubes with attractive potential, stochastic model 2—17268
- hard sphere mixtures, conformal solution theory 2—904
- heat transfer from a needle, laminar free-convection 2—12343
- heat transfer from floating sources 2—5264
- heat transfer in packed beds one and two dimensional models 2—39038
- hydrodynamic freqs., non-analytic dispersion relations, current-current correl. functions 2—24592
- ideal, polytropic hypersonic transformations 2—24582
- incompressible, 2nd order boundary layer with heat transfer, self-similar solns. 2—12323
- incompressible, cavitating flows around curvilinear arc 2—39305
- incompressible, finite three-dimensional surface waves in circular channels 2—31926
- incompressible, homogeneous and turbulent, diffusion of a scalar 2—6042
- incompressible, plane flow, stability conditions in finite perturbations 2—39045
- incompressible elastically viscous fluids, attenuation of turbulent motion 2—39032
- incompressible flow, almost three dimensional, numerical solution and internal obstacle treatment 2—927
- incompressible viscous stream, flow, from finite radius sphere, past rotating sphere 2—39047
- internal energy, gravity influence on behaviour near critical point 2—8874
- ionic, properties in critical region 2—8876
- ionosphere, ion density distributions, Lagranges method for hyperbolic partial differential equations 2—10759
- irrotational flow past bodies close to a plane surface 2—8883
- isochoric specific heat capacity, gravity influence on behaviour near critical point 2—8874
- isothermal sphere in moving fluid, effect of curvature on heat or mass transfer 2—39029
- layer, ideally conducting, nonlinear transverse vibrations at resonance 2—37735
- layer, stability subject to temp. gradient, thermal diffusion 2—18549
- layer heated from below, oscillatory instability of convection rolls 2—28477
- light scattering, Onsager symmetry relations rel. to spectral distribution 2—32177
- linear model, critical sp. ht. scaling 2—3425
- m-6-8 potential function for fluids, third virial coeff. determ. 2—35389
- magnetic, colloidal mixture, applications 2—24636
- mass and heat transfer on direct contact of two fluids 2—35387
- maximum gradient filtering, nonmonophyllous representation 2—39046
- mean flows by a negative Reynolds stress 2—21906
- mean spherical model integral eqn. for charged hard spheres 2—24585
- mechanically similar flows, role of fluid properties 2—24581
- mechanics, counterparts of equations in chemical thermodynamics 2—28441
- metallic, properties in critical region 2—8876
- micropolar, motion due to rectilinear oscillation of circular cylinder 2—18551
- micropolar, pivoted slider bearing characts., curvature rel. to press, load capacity, friction coeff. 2—9052
- mixing models, parameter evaluation, moments analysis 2—3158
- mixture, two simple materials, fading memory 2—18548
- mixtures, calc. of phase behaviour under high pressure 2—9106
- mixtures, entropy production inequalities 2—12314
- mixtures, phase behaviour and critical phenomena under pressure 2—9105
- mixtures, thermodynamics of critical phenomena 2—8875
- molecular, depolarized light scatt. 2—18832
- molecular, point-dipole and -quadrupole, collective motions, method of redundant variables 2—27096
- monatomic, hydrodynamical mode freqs., autocorrel. functions 2—24591
- multicomponent system, correlation functions near crit. pt., thermodynamic struct. 2—15628
- neutron scatt., coherent, effctive-field approx. 2—8871
- Newtonian, flow through circular tube, temp. distrib. 2—35406
- Newtonian, global entropy production inequality 2—37792
- Newtonian, laminar, flow, contraction, entrance loss coeffs. 2—915
- n.m.r., compact polarizer for magnetization 2—23473
- non-classical behaviour at critical state, eqns. of state 2—35816
- nonhomogeneous, wave motion, effect of thin elastic plate 2—39072
- one-dimensional, onset of Brownian motion 2—23291
- one-dimensional fluid with long-range harmonic potential, statistical mechanics 2—20868
- opaque, radiation penetrated, linear impulsive spin down from rotating equilibrium 2—24597
- oscillations in a U tube, undergraduate expt. 2—15440
- perfect, bounded source, news function 2—7661
- perfect, soln. to Einstein's field equations 2—2110
- perturbed hard-sphere theory, calculation of high pressure vapour-liquid equilibria 2—22037
- pipe flow, numerical solutions, velocity profiles, applications to physiological flow pulses in the aorta 2—3336
- polar, interaction between impurities and dielectric saturation 2—21721
- polar, properties in critical region 2—8876
- polyatomic, definition of flux of internal angular momentum 2—24587
- porous media flow equation, asymptotic behaviour 2—31920
- power law, flow in inlet region of porous channel, momentum integral analysis 2—24611
- power law, turbulent flow in circular tubes, heat, mass and momentum transfer analogies 2—24598
- power-law, Poiseuille flow, viscous heating 2—3165
- relativistic perfect fluid, Hamiltonian theory 2—17792
- rotating, damping of solitary waves 2—3179
- rotating, dissipative effects on nonlinear waves 2—3179
- rotating, finite amplitude disturbances 2—908
- rotating, trapped oscillations in a thin spherical shell 2—24593
- rotating, wave reflection nearly parallel to boundary, viscous effects 2—3180
- rotating layer, hydromagnetic convection 2—8905
- rotating layer with rigid boundaries, asymptotic treatment of stability 2—6018

Fluids continued
rotational, under rotationally symmetric loads, stress determ. by finite element method 2—7735
rotational flow, investigation of particle motion 2—3166
second order plane Poiseulle flow, finite amplitude instability 2—28462
shear flow past semi-infinite flat plate, diffusion and viscous effects 2—28445
simple, equilibrium fluctuations, nonhydrodynamic aspects, projection operator formalism 2—8869
simple, intermolecular light scattering, density and temperature dependence 2—3160
soft core, perturbation theory for expansion of radial distribution function 2—21724
space and time-dependent correlation functions long- time behaviour 2—35391
specific heat, singularity at critical point 2—8873
spheres, static spherically symmetrical, stability, study based on gen. relativity 2—14084
square well fluid, augmented van der Waals theory, corrections 2—24584
stability of particle motion near a wall in Newtonian and non-Newtonian fluids 2—35399
stationary homogeneous turbulence perturbation theory 2—15433
steady wakes behind oblate spheroids flow visualization 2—39062
stimulated light scattering, role of electrostriction, absorption and electrocaloric effect 2—32178
stimulated light scattering, role of electrostriction, absorption and electrocaloric effect 2—32178
stratified, linearized flow, zero velocity and zero stress boundary conditions 2—6023
surface oscillations in shallow two-dimensional basin 2—28476
thermal convective instability on sudden heating at lower boundary 2—39073
thermodynamic inequalities in special relativity 2—30770
thermodynamics in external field, statistical mechanical approach 2—12312
thermodynamics of fluids, inhomogeneous continuous with anisotropic pressure and interfacial layers 2—3159
thin film, undulating flow in a gas stream 2—39321
top heavy layers, criterion of instability 2—39292
turbulence, solution of forced Burgers equation 2—18565
turbulence, weak, drift stationary solutions 2—12338
turbulent, constituent equations 2—39067
turbulent boundary layer, spatial structure of viscous sublayer 2—8877
turbulent diffusion, characteristic functionals of random fields 2—3155
turbulent diffusion, concentration distrib. rel. to velocity field, characteristic functionals 2—6014
turbulent diffusion, Hopf eqn. based on Oseen eqn. 2—3156
turbulent motion, time-dependent Wiener-Hermite expansion in Burgers' system 2—24622
turbulent transport coeffs., derivation of Kubo type formulae 2—6047
two-body statistical correlation function, invariant expansion 2—7700
two-phase air-water system, pressure wave propagation 2—35442
van der Waals fluid, three-dimensional transport properties 2—31894
velocimeter, traversing laser, and signal analysing system 2—928
velocity measurement, coherent and noncoherent methods in optical beating of Doppler shifted light 2—21747
velocity spectrum of locally isotropic turbulence in the inertial and dissipation ranges 2—12317
virial coefficients, fifth, selfconsistent PY2 and CHNC2 approximation 2—27095
viscoelastic, apparatus for stress relaxation meas. 2—5190
viscoelastic, flow in a hydrodynamic wedge 2—21736
viscoelastic, heated from below, convective instability 2—24596
viscous, Couette flow, spiral form of instability 2—28466
viscous, effect of inertia on Brownian motion of rigid particles 2—24595
viscous, hydrodynamical, general existence theorem 2—31897
viscous, nonlinear singular boundary value problem, extremum principles and error bounds 2—31891
viscous, progressive water waves, mass transport, drift profiles obs. 2—28763
viscous flow past random array of spheres, expected force acting on sphere 2—24613
viscous incompressible, heat transfer due to motion of gradually accelerated plate 2—23397
viscous inviscid flow problem by numerical methods 2—28459
vortex motion and turbulence 2—937
vortex rings of small cross-section in ideal 2—12336
waves, propagation, soln. by perturbation techniques 2—8892
weak turbulence, Langevin eqn. 2—8893
Ar, neutron scattering, 5-80 MeV, over wide range of conditions including triple point and critical point 2—31892

Fluorescence
see also X-ray fluorescence
acetylene, by vacuum u.v. photolysis, mechanism 2—830
acridine dyes, crystallites, recombination delayed fluorescence 2—13506
air due to fast electron pulses as visual presentation of dose spatial distribution 2—27828
alkyl anthracene study of intramol. energy transfer 2—18481
alkyl fluorenole, study of intramol. energy transfer 2—18481
alloy, sputtered vapour, atomic fluorescence analysis 2—10666
amines, crystallites, recombination delayed fluorescence 2—13506
2-aminonaphthalene-6-sulphonate and derivatives, solvent dependence 2—28868
1-anilino-8-naphthalene sulphonate, solvent perturbation effects, nsec time resolved emission spectroscopy 2—8731
anthracene, 9-carbonyl derivs., temp. effect on fluorescence intensity due to intersystem crossing 2—24503
anthracene, cryst., in soln., decay times, rel. to defects and reabsorpt., 2-350K 2—10442
anthracene, delayed fluorescence due to triplet excitons 2—25740
anthracene, mag. field effect 2—13097
anthracene, pure crystals, rise and decay times meas. using gated image converter 2—20107
anthracene, role of paramagnetic excitons 2—25741
anthracene, singlet exciton fluorescence modulation expt. 2—13508
anthracene, triplet exciton dynamics, temp. depend. 2—33319
anthracene crystal/electrolyte solution interface, quenching of excited states 2—26242
anthracene derivates, polarization dependence on conc. of fluorescent derivatives 2—16622

Fluorescence continued
anthracene derivatives, polarization, spectral dependence 2—4487
anthracene film, decay time, freq. depend. 2—10443
anthracene single crystals, recombination delayed fluorescence, origination from photoionization 2—22807
anthraquinone in solutions, delayed thermal fluorescence 2—28874
antiferromagnetic transition metal fluorides, study of mixed crystals 2—40543
aromatic compounds, vitreous solutions, role of molec. association in temp. induced increase of delayed fluorescence 2—36947
aromatic hydrocarbons, crystallites, recombination delayed fluorescence 2—13506
aromatic hydrocarbons, decay spectrum of highly excited state of large molecules 2—35214
aromatic syst., energy trapping processes 2—36940
aromatics in polar and apolar solvents, quantum efficiencies rel. to excitation energy 2—28876
atomic,laser beams as light sources 2—21181
atomic fluorescence analysis, sensitivity test 2—16699
atomic vapours, resonance fluorescence, excited state struct. and lifetimes 2—8436
atoms, yields for 2p shell 2—584
azulene, deuterium isotope effect on fluorescence lifetime 2—21661
azulene, vapour, single vibronic level lifetimes 2—8736
azulene derivatives, room temp., effect of energy gap between states on yields 2—24506
azulene solutions, produced by nonlinear absorption of ruby laser radiation 2—28859
1,2-benzanthracene solution, triplet decay mechanisms, kinetic and quantum yields of delayed fluorescence 2—21991
1,2-benzanthracene solution, triplet decay mechanisms, ratio of delayed monomer and excimer fluorescence of function of temp. 2—21993
benzene, excimer intrinsic fluorescence yield and lifetime, temp. dependence 2—28352
benzene, monomer, and excimer, temp. dependence of specific rates describing fluorescence 2—8738
benzene, quantum yield and lifetime between —100 and 5°C 2—4500
benzene, S_1 state as function of rotational energy 2—24510
benzene crystals, pure exciton emission, 4 to 20K 2—13509
benzene vapour, single vibronic level lifetimes 2—8736
benzenes, methyl substituted, from first excited singlet state, rate constant meas. 2—12209
benzodioxane-1,4 and o-form, quasilinear fluoresc. spectra 2—28879
benzonitrile in polycryst. matrices, vibr. anal. in terms of excited state geometries 2—31839
benzophenone and 1-methylcoronen mixed crystals, demonstration of delayed fluorescence 2—36939
3,4-benzopyrene, effect of phase changes in cryst. cyclohexane matrix 2—33320
benzo[g,h,i,]perylene cryst. and mixed cryst. with perylene, spectral dependence of fluorescence lifetimes 2—22808
benzyl derivatives, quenching, intramolecular charge-transfer mechanisms 2—38960
boric phosphor of 2-phenylquinoline, spectra, intensity and decrease with time at different temperatures 2—16614
carbonic anhydrase at 77 K in water-ethylene glycol glasses, obs. of delayed fluorescence from tryptophan residues 2—28420
collisions of two atoms of different species polarization of sensitized fluorescence 2—35171
complex molecules in solution, length of emission in anti-Stokes region 2—28872
contact microscopy for microstructure of thick biological specimens and organs 2—33783
coronene, in paraffin solns. of naphthalene, dependence of sharpness on conc. 2—1714
coronene, yield meas., confirmation of occurrence of internal conversion 2—3121
crystals, thin slabs, light absorption, damping theory 2—10315
cyclohexane, delayed fluorescence, self-diffusion mechanism 2—4501
diamond, type-I, decay times, u.v. excitation 2—16618
dichloro-1,8 methyl-10 anthracene in solution, observation of longer wavelength emissions during freezing and reheating 2—9139
diffuse, powdered solids, photomultiplier measuring apparatus 2—20103
dinaphtho[2,1-2′,3′]furan-8,13-dione, polymorphism, spectra 2—25356
dipole moment of electronically excited molecules, absorption and fluorescence spectra 2—8554
dipyrazolinylbenzene, 4 derivatives, spectra 2—27492
doube-ionization effects on fluorescence yields for filling atomic K-shell vacancies calc. by Gryzinski methods 2—31682
dye, flash pumped, laser emission 2—32271
dye solution, decay time rel. to viscosity 2—18837
dye-detergent micelle system, absorpt. and fluorescence spectra, comp. depend. 2—18839
dye-detergent solution, excited molecules local temp. 2—18838
dyestuffs in viscous soln., conc., depolarization 2—9142
electron-air, created by high altitude nuclear detonation, colour film three band spectra 2—34545
elements between Z=58 and 94, L fluorescent X-ray relative intensities 2—31660
energy transfer, excitation-diffusion-limited 2—4417
evanescent photons, absorption and emission in fluorescence of excited molecules 2—31736
fluoroberyllate laser glass, rare earth doped 2—29961
gas molecules, nonlinear level crossing in the standing wave field 2—31744
germanate glass:Nd^{3+}, and laser props. 2—20102
glass: Mn-R, R=Nd, Ho, Er, energy transfer between sensitizer-activator 2—4493
glass:Nd, laser induced fluorescence line narrowing 2—33317
glycerine/dye solutions, concentration depolarization, temp. and viscosity depend. 2—18840
glyoxal vapour, fluorescence and phosphorescence from laser excited first singlet excited state 2—12249
hexafluorobenzene, decay times and radiative lifetimes, gas phase 2—24536
4-hydroxy benzanthrone spectra 2—3102
indole derivatives, aqueous, 77K, delayed fluorescence, role of photoejected electrons 2—10432
indole in water, fluorescence band-intensity distrib. 2—25095
indoles in glass forming solvents, temp. dependence in 77-298 K range 2—10435

Fluorescence continued

intermolecular intersystem crossing, Franck-Condon factors 2–10431
i.r., gases. CO_2 laser excited 2–6162
isotropic rigid solution, self depolarization by excitation transfer 2–20099
Kerr-active liqs., self-focusing and dispersion effects, time-resolved picosecond spectroscopy 2–18836
luminosity of daylight fluorescent pigments, relationship with colorimetric quantities 2–11226
methylnaphthalenes in n-paraffins, obs. of fluorescence of free radicals, 77 and 55K 2–13510
microscope photometry with a potentiometric recorder, microanalysis in biology 2–5053
molecular, from high vibrational levels of excited electronic states 2–18385
molecular crystal/electrolyte interface, quenching of excited states 2–26242
molecular ion, interpreting aid in photoelectron spectroscopy, meas. app. 2–35220
molecules, RKR potential curves obtained directly from single resonance fluorescence doublet series 2–21562
molecules, two-photon excitation, polariz. 2–31748
molecules in binary solvent, rel. to universal van der Waal's interactions 2–24574
monodeuterobenzonitriles in polcryst. matrices, vibr. anal. in terms of excited state geometries 2–31839
monofluorobenzene, decay times and radiative lifetimes, gas phase 2–24536
monofluorobenzene, lifetimes and quantum yields of fluorescence from vibronic states 2–21697
naphthalene, excitation energy and deuteration dependence 2–28390
naphthalene, triplet exciton lifetimes from delayed fluorescence and prompt phosphorescence 2–20108
naphthalene, vapour, lifetimes of vibronic levels 2–3111
naphthalene, vapour, single vibronic level lifetimes 2–8736
naphthalene-pentacene mixed crystal, triplet energy transfer, delayed fluoresc. 2–40727
naphthalene-tetracyanobenzene complex crystal effect of high density exciton on fluorescence decay curve 2–36948
nonlinear optical crystals, tunable four photon parametric fluorescence 2–29866
organic crystals, time resolved spectrum, rel. to studies of two-photon excitation by dye laser 2–26361
organic materials, triplet excitons, prod. and annihilation near absorbing surfaces, delayed fluorescence 2–19522
of organic molecules, i.r., laser induced 2–826
oxide ceramic, inclusions, cracks, struct. defects, u.s. obs. 2–12978
palladium porphyrin complexes, fast fluorescence, delayed fluorescence, quasiline structure studied 2–12276
n-paraffin, doped, Shpol'skii spectra, 77K, polarization of multiplet components 2–20055
paraffin cryst., impure, phonon wings and zero-phonon lines 2–1715
parametric oscillator tuning curve, parametric fluorescence 2–21048
pentafluorobenzene, decay times and radiative lifetimes, gas phase 2–24536
pepsin at 77 K in water-ethylene glycol glasses, obs. of delayed fluorescence from tryptophan residues 2–28420
perdeuterobenzene, lifetimes and quantum yields of fluorescence from vibronic states 2–21697
perdeuterobenzonitrile in polycryst. matrices, vibr. anal. in terms of excited state geometries 2–31839
perylene, in paraffin solns. of naphthalene, dependence of sharpness on conc. 2–1714
phenylacetylenes, D-substituted, vibr. anal. 2–35345
phthalocyanine single crystal, elec. and optical props. 2–33081
pirimidine derivatives, fluoresc. spectra 2–28877
platinum etioporphyrin complex, fast fluorescence, delayed fluorescence, quasiline structure studied 2–12276
polarization, conc. quenching by excitation transfer, anisotropy and 2nd nearest neighbour considerations 2–8552
poly 2-vinyl naphthalene, in fluid and glassy solvents, obs. of temp. dependent excimer emission 2–8849
polyacenes, doped, time dependence of energy transfer analysed by anomalous exciton-quenching kinetics 2–6738
polymers, mol. orientation meas., fluoresc. technique 2–9227
polymethacrylate, acridine yellow activated, preexcitation effect 2–4499
polyvinyl alcohol films, study of chain orientation by polarized fluorescence 2–6004
pulse light fluorometer, oceanographic measurements, for in situ and dredging use 2–30248
purines in glass forming solvents, temp. dependence in 77-298 K range 2–10435
pyrazine, frozen soln., obs. of additional bands from microcrystals due to emission 2–10445
pyrene, laser excited S_2 emissions intermediate strong coupling and vibr. redistrib. effects 2–15393
pyrene, thermally activated exciton hopping process 2–25742
pyrene, vapour, effects of intramol. vibr. redistrib. in S_1 fluorescence 2–3117
pyrene and perylene excimer crystals, monomer emission, 2–16623
pyrene monomer and excimer, quenching rate parameter dependence on solvents 2–12571
pyrene soln. in toluene, excimer fluorescence, pressure dependence up to 10 kbar 2–15596
reabsorption correction, formula 2–10434
Rhodamine 6G ethanol solutions, anti-Stokes luminesc. 2–35773
rhodamine 6G solutions, concentration quenching by energy transfer 2–28878
rhodamine-thionine-detergent system, temp. effect on excitation energy migration 2–39375
ringing in thick medium calc. for finite relaxation times 2–20100
ruby, heavily doped, optical props., review 2–36868
ruby, optically detected $\bar{E}(^2E)\rightarrow{}^4A_2$ cross relax., detailed investig. 2–40714
semiconductor, quadratic processes 2–10436
sensitized delay technique for trap detection 2–36940
solid soln., averaging procedure in reson. energy transfer theory 2–10433
spectra in weakly absorbing media, new method of study 2–27657
squid axons, fluorescence signals in ANS-stained axons during voltage clamp 2–30661
styrene monomer, spectra dependence on rate of cooling 2–12569

Fluorescence continued

α-styryl radical, in thermolum. spectra of phenyl acetylene glassy soln. 2–18528
p-terphenyl, doped and pure crystals, rise and decay times meas. using gated image converter 2–20107
tetracene, charge carrier-exciton interaction 2–10446
tetracene, crystals, pentacene doped, mag. field dependence, evidence for heterofission of pentacene excited singlets 2–4136
tetracene, role of paramagnetic excitons 2–25741
tetracene, yield meas. confirmation of occurrence of internal conversion 2–3121
tetracene in p-terphenyl, 4.2 K, polarized spectra 2–26175
s-tetracyanobenzene-toluene complex, structure of fluorescent and phosphorescent states from absorption and emission spectra 2–15397
s- tetrazine, resonance fluorescence and its quenching 2–39009
toluene solutions, temp. dependence of singlet excitation transfer and quenching 2–3396
transient atomic, using photon counting, use and limitations 2–8431
trifluoromethylbenzene, quantum yields rel. to photochemistry 2–10644
tryptophan in water, fluorescence band-intensity distrib. 2–25095
tryptophan molecule, in solid matrix, 77K 2–35355
two dimensional solns., conc. quenching of fluorescence polarization 2–8553
ultraviolet absorber dyers, tracer usage 2–25094
upper atmosphere, produced by supernovae 2–40983
U.V. induced, obs. during and after irradiation 2–36951
xanthene dyes, crystallites, recombination delayed fluorescence 2–13506
yields for 2p shells for $Z=12-55$ and 60, 65, 70, 75, 80, 85 atoms 2–578
yields from L_{II} and L_{III} atomic shells, $37\leqslant Z\leqslant 50$ 2–24328
zinc tetrabenzporphin, fluorescence of second excited singlet and quasiline structure studied 2–12295
$Al_2O_3:Cr^{3+}$, resonant phonon trapping detected 2–19351
Al_2O_3-Cr_2O_3, containing 0.01-4.98% Cr, optical spectra obs. 2–4549
AlO, laser excited fluorescence and radiative lifetimes of levels of $B^2\Sigma$ state 2–8580
As K-shell fluorescence yield meas. 2–38809
B atom, K-shell determ. using synchrotron radiation 2–35132
$Ba_2MgGe_2O_7$, exper. data 2–16617
$Ba_{0.25}Mg_{2.75}Y_2Ge_3O_{12}:Nd^{3+}$, laser action 2–16616
BaO, radiative lifetimes and quenching cross sections of $A^1\Sigma$ state from fluorescence decay 2–8584
Be atom, K-shell determ. using synchrotron radiation 2–35132
C atom, K-shell determ. using synchrotron radiation 2–35132
C_2^-, matrix isolated, laser excited fluorescence study 2–35236
CN, radical, quenching of $B^2\Sigma^+$ fluorescence 2–8593
CO, excited by 1306 Å oxygen line 2–18416
CO_2, induced fluoresc. and temp. jump by resonant absorpt. of laser radiation 2–38893
CO_2 discharge, from upper laser state following Q-switched irradiation 2–35233
CS_2 photodissociation in vacuum u.v., fluorescence excitation spectrum, determ. D_0^0(SC-S) 2–37053
CS_2 vapour, laser excited, double exponential decay 2–12108
$C_2UO_2Br_4$, fluorescence spectrum and relaxation time meas. 2–26232
Ca to Th atoms, fluorescence yields 2–24311
CaF_2, F_3 centre, absorpt. band, zero-phonon line 2–19122
$Ca_5(PO_4)_3F_xCl_{1-x}:Mn^{2+}$, effect of rapid cooling 2–10438
$Ca_5(PO_4)_3F_xCl_{1-x}:Mn^{2+}$ phosphors 2–10437
$CaWO_4:Nd^{3+}$, polarized Zeeman fluorescence spectra, energy and polarization meas. 2–16615
Cd complex, tetrabenzoporphine, quasilinear spectra, vibration structure 2–4486
$CdCl_2$:Ca, emission spectrum and temperature quenching curve under UV(λ=3650Å) 2–4491
CdS:Ag platelet crystal heated in Zn vapour 2–16619
CdS, radiative recomb. probabilities and green emission, spectral distrib. 2–10444
CdS_xSe_{1-x}, graded band gap crystal 2–26231
^{246}Cm, L-shell fluorescence yields, rel. to electron binding energy calc. 2–11784
Cu atom, variation in L shell yield due to multiple M shell ionization 2–31704
Eu, complex, [Eu (TTA)$_3$ Phen] solid soln. with dyes, radiationless energy transfer due to fluorescence quenching 2–1713
Eu^{3+}, efficiency in $POCl_3:SnCl_4$ solution 2–9141
Eu^{3+}, quenching in organic solvents 2–12570
EuO, magnon side-bands 2–36926
Eu_3SiO_6, mag. red. shift 2–40471
Gd_2O_3:R, R=Pr, Sm, Eu, Gd, Tb, Dy, Ho, Er, and Tm, X-ray excited 2–22805
H complexes, H_2 phthalocyanines, relaxation mechanisms from excited singlet states, spin-orbit coupling effects 2–35279
H_2, fluorescent spectra in Werner system 2–38912
H_2, in H_2+Ar* collisions, near resonant electronic energy transfer 2–28432
H_2 molecule, predissociation, u.v. spectra obs. 2–18432
$H_2(B^1\Sigma_u^+)$, effect of collision with He on fluorescence studied by calc. of interaction potential 2–18546
HD, fluorescent spectrum in Lyman system 2–38912
HD($B^1\Sigma_u^+$), quenching by HD, ^{3}He, ^{4}He and Ne 2–12129
HF, laser induced, determ. room temperature rates of vibrational relaxation of HF by HF, Ar, N_2, D_2, H_2, CO_2 2–21615
He, superfluid, u.v. emission spectrum on electron bombardment 2–12604
Hg-Cd, mixture, sensitized fluorescence, width of 3261 Å spectral line 2–8447
Hg, resonance fluorescence obs. due to interatomic collisions 6^3P_1 state lifetime study 2–21509
I_2, collisional depolarization of laser excited fluorescence 2–38919
I_2, monochromatically excited, quenching and vibrational relaxation in $v'=6$ 2–18438
I_2, reson. fluoresc. continuous passage to reson. Raman effect 2–8660
ICl low-pressure vapour, time-resolved fluorescence 2–21617
$InBo_3:Tb^{3+}$, Ce^{3+}, calcite type crystal, 4f-5d transitions studied 2–29962
$KCl:Sm^{2+}$, vacancy sites, canonical distrib. law and C_{2v} paradox 2–40723
$KCl:Sm^{2+}$ single crystal, theory of Zeeman anisotropy fluorescence spectroscopy, numerical fit of low-J transitions 2–22804
KCl, Sm^{2+} to Sm^{3+} osication, fluorescence intensity study 2–10441
$LaBr_3:Tb^{3+}$, absorpt. and fluorescence. spectra, Tb^{3+} excited states determ.. 77K 2–36946

Fluorescence continued
La_2O_3:R. R=Pr, Sm, Eu, Gd, Tb, Dy, Ho, Er, and Tm, X-ray excited 2—22805
$LiAl_5O_8:Fe^{3+}$, ordered and disordered phase obs. 2—36945
$LiTmF_4:Nd^{3+}$, possible use as laser material 2—36944
$LuBO_3:TB^{3+}$, Ce^{3+}, calcite type crystal, 4f-5d transitions studied 2—29962
Mg complex, tetrabenzoporphine, quasilinear spectra, vibration structure 2—4486
Mg complexes, Mg phthalocyanines, relaxation mechanisms from excited singlet states, spin-orbit coupling effects 2—35279
Mn complex, magnesium phthalocyanine in α-chloronaphthalene, obs. of fluorescence from high vibr. levels of electronic excited states 2—18385
Mn^{2+}, transfer efficiencies, distances, rare earth ion/glass systems 2—4493
$Mn_2PO_4Cl:Eu^{3+}$, transition assignments 2—22111
NO $A^2\Sigma^+$ state, meas. of degree of polarization on rotationally resolved fluorescence from $v'=1$ $N'=10$ level 2—28314
NO γ, ε and δ systems, polarization of rotational lines, band intensities 2—8675
NO_2, resnance fluorescence spectrum, interpretation 2—12172
NO_2, vibronic effects in decay of fluorescence excited in first excited singlet state, lifetime 2—35284
Na, subnanogram concentrations, Fluorescence analysis stimulated by narrow-band dye laser 2—7190
$Na_4Al_3Si_3O_{12}Cl$, sodalite, doped, fluoresc. spectra 2—22806
$Na^*(3p^2P)$ D lines obs. on photodissociation of NaI 2—12180
Pd complex, tetrabenzoporphine, quasilinear spectra, vibration structure 2—4486
Pd complexes, Pd phthalocyanines, relaxation mechanisms from excited singlet states, spin-orbit coupling effects 2—35279
Rh complexes, Rh phthalocyanines, relaxation mechanisms from excited singlet states, spin-orbit coupling effects 2—35279
SO_2, fluorescence and predissociation 2—35286
SO_2, single vibronic level lifetimes of first excited singlet state 2—8703
SO_2, vibronic effects in decay of fluorescence excited in first excited singlet state, lifetime 2—35284
$ScBO_3:Tb^{3+}$, Ce^{3+}, calcite type crystal, 4f-5d transitions studied 2—29962
Sm^{3+} efficiency in $POCl_3:SnCl_4$ solution 2—9141
SrF_2,F_3 centre, absorpt. band, zero-phonon line 2—19122
$SrTiO_3:Cr^{3+}$, domain struct. effect 2—4494
YAG:Cr^{3+}, Er^{3+}, thermal dependence of Cr^{3+} and Er^{3+} line positions and widths 2—16621
YAG:Cr^{3+}, excitation spectra 2—26241
YAG:Cr^{3+}, vibronic spectrum and fluoresc. lifetime, temp. depend. 2—13507
YAG:Er, Ho, Tm, energy transfer process between Er^{3+} and Ho^{3+}, temp. and conc. effects, fluoresc. spectra obs. 2—26240
$YAlO_3:Nd^{3+}$, intensity parameters 2—4496
$Y_2O_3:Eu^{3+}$, energy transfer, time-resolved study 2—22803
Y_2O_3:R, R=Pr, Sm, Eu, Gd, Tb, Dy, Ho, Er, and Tm, X-ray excited 2—22805
Zn complex, tetrabenzoporphine, quasilinear spectra, vibration structure 2—4486
$Zn_xCd_{1-x}S$:Ag, Ni, temp. depend., band struct. model 2—4480
Fluorescent screens *see Luminescent devices*
Fluorimetry *see Chemical analysis*
Fluorine
adsorped on Mo, desorption kinetics, surface lifetimes 2—35915
atom, 1s binding energy shifts, CNDO pot. model using intermed. level MO wavefunctions 2—35133
atom, collisions with Li atoms, computer-based films generated from accurate a priori computations 2—2976
atom, effects of spatial symmetry restrictions on hyperfine splitting constants 2—8442
atom, k level, X-ray photoelectron spectroscopy of simple F cpds. 2—35245
atom, reaction with H_2 and HD, classical dynamics rel. to potential energy surface 2—26334
atom, Stark effect constant meas. 2—2653
atom in ground state, collision with H^+, molecular theory of fine structure transitions 2—5838
atoms, reactions with hydrogen halides, initial vibrational energy level distrib. determ. by i.r. chemiluminescence 2—10607
electron beam analysis, glass and raw materials 2—22899
ions, highly charged, collisions with N and Ar targets, report of interesting structure observed in velocity dependence of multiple electron capture 2—673
ions passing through N_2 gas, 4-54 MeV, electron-transfer cross sections 2—28221
molecular core-level binding-energy shifts calcs. from Mo theories 2—35195
molecule, photoionization cross sections of valence mol. orbitals, valence electron approx. 2—8621
molecule, potential curve of ground state, method of optimized valence configurations 2—28289
molecule, vacuum u.v. spectra below 1200 Å 2—18378
molecules, ionization threshold, effect of hot bands 2—12154
nuclear spin relaxation, F_2 and F_2 inert gas mixtures 2—32180
seal for electric leads into high press. low temp. cell containing F 2—23192
spectrochemical analysis of geochemical samples, by projection of all arc flames onto the aperture of a spectrograph 2—30113
$D_2+F_2CO_2$ mixture, pulsed chem. high press. laser 2—37967
F_2-H_2 flame, spectroscopic determ. of local temps., influence of autoabsorption and thermal gradients 2—7783
F_2-W, gas phase equilibr., simulation 2—20181
F- in NaBr, tunnelling, thermal and dielec. props. 2—33052
F + deutero-ethylene crossed molecular beam study 2—37021
F_2^+, 13 lowest electronic states, calculated potential energy curves 2—8613
F^{6+} lithium like ions passing through C foil target, excitation of metastable autoionizing states, determ. of electron spectra 2—604
^{18}F atoms, nuclear recoil, reactions with trifluoroethane, approximate energetics and molec. dynamics 2—10616
^{18}F atoms, nuclear recoil, reactions with trifluoroethane, mechanism and systematics 2—10615
^{18}F for bone scanning, table to allow whole body obs. 2—23144
^{19}F n.m.r. spectra, attachment for recording on proton radiospectrometer 2—27377
$F+C_2H_4$ crossed molecular beam study 2—37021
$F+H_2 \rightarrow FH+H$, potential energy surface including electron correlation, preliminary results 2—37020
Fluorine continued
$F+H_2(HCl)(CH_4)$ rate const. determ., chemical laser method 2—20199
molecule, electronic states, absorption and emission spectra 2—38907
NaCl:F, impurity pair resonant modes, i.r. absorp 2—22774
Fluorine compounds
dichlorocompounds, molecular orbital assignment from photoelectron spectra 2—35242
fluorides, Er^{3+}, Yb^{3+} doped, luminesc., excitation mechanism 2—26217
fluorides, K emission spectrum from F, chemical bonding obs. 2—13495
fluorite, holographic interferometry obs. 2—35959
fluorite, thermolum. response to γ-ray irrad. 2—27902
nontransition element fluoride, diamagnetic screening of ^{19}F, n.m.r. chemical shift 2—28288
oxyfluorides and complex fluorides of group iv to vi elements, X-ray-electron investigation 2—33295
perovskite fluorides, doped, first- and second-shell hyperfine interactions 2—20144
X-ray photoelectron spectroscopy of F k level 2—35245
FCl, radio frequency, spectrum obs., hyperfine parameters and dipole moment 2—8614
FD_2^+, i.r. spectrum, determ. of structure and force constants 2—8612
FH_2^+, i.r. spectrum, determ. of structure and force constants 2—8612
FHD^+, i.r. spectrum, determ. of structure and force constants 2—8612
FHF- bihalide ion, proton shielding studied to elucidate electronic structure 2—31792
FHF- ion and its homologues, high-resolution n.m.r. 2—784
F_3NO, electronic structure and conformation, CNDO and INDO approxs. 2—15299
FO, binding energy determ. from $H+F_2O$ reactions 2—18545
FO, ground state, obs. in gas phase and determination of dissociation energy 2—22875
F_2O, crystalline, Raman and infrared spectra 2—29932
F_2O+H reactions in cavity of EPR spectrometer, production of OH investigated, determ. binding energy of FO 2—18545
F_3SiSiH_3, microwave spectrum at 8 to 38 GHz, rotational constant determination 2—15300
HF, in H_2-F_2 chemical laser, time resolved spectroscopy, vib.-rot. transitions 2—5364
Foams
see also Bubbles
averaged equations analysis, macroscopic mechanical properties 2—3418
averaging approach to two-phase flow theory application 2—35438
Crits ring test for surfactants in water, role of air bubbles 2—1764
flow, one dimensional, two component, gas dynamic functions 2—6025
latex, particle size distribution determ. by flow ultramicroscopy 2—15617
liquid, disintegration due to acoustically induced surface instabilities 2—30044
plastic, heat transfer, thickness and temp. effects 2—28924
PVC, aged, heat transmission factor meas., cryogenic temp. 2—17433
shock wave damping 2—39319
urethane, aged, heat transmission factor meas., cryogenic temp. 2—17433
Focusons *see Crystals/lattice mechanics; Sputtering*
Focussed collision sequences *see Sputtering*
Fog
artificial, laser radiation attenuation 2—16842
atmosphere interaction with ocean, fog and cloud formation 2—30288
lidar obs. of artificial fog dispersal operations 2—1820
light field characteristics with point collimated stationary source 2—4688
microstructure, basic parameters det. by aureole scattering functions 2—20342
millimetre wave attenuation 2—33494
multiple backward-scattered radiation, luminance and polarization properties 2—4690
natural aerosol particle size dependence on relative air humidity 2—33463
particle size distribution from scattering of light by droplets up to 50 μm in diameter 2—33462
seeding experiments with urea, Na_2HPO_4, and NaCl to induce dissipation 2—16833
Fokker-Planck equation *see Transport processes*
Foldy-Wouthuysen transformation *see Field theory, quantum*
Forbush decreases *see Cosmic rays/variations*
Force *see Dynamics*
Force constants *see Molecules/vibration*
Force measurement
diffractographic dynamometer, pulse burst of freq. proportional to horsepower 2—27031
dynamometer, rigid, using wire strain gauge resistors, for 50-2000 N range 2—23227
dynamometer for measuring small torques and axial forces during reaming 2—25558
mass and weight standard meas. 2—23219
microdynamometer for measuring small forces, characteristics of microtransducers 2—23225
piezoelectric dynamometer and photoelectric transducer, comparison 2—121
teaching procedure, using purpose designed strain gauge transducer 2—27009
tension in the cord of a simple pendulum measured by a Melde experiment 2—14148
units, standards and meas. devices 2—22
Form factors
for alpha-nucleus collective excitations derived from deformed matter distribution 2—8355
analytic approximations 2—3595
analyticity, improved bounds 2—31188
asymptotic behaviour, light-cone expansions 2—34629
axial-vector nucleon, from pion electroproduction on a proton 2—11611
chiral SW(3) theory, K_{l3} scalar form factor D(t), exact inequalities 2—11598
diffraction dissocation, optical model, inclusion of form factor effects 2—14602
electromagnetic, field theory model, asymptotic behaviour, eikonal type approx. 2—14507
electromagnetic examination using model describing elastic electron scattering 2—11602
electromagnetic form factors, vector meson dominance, implications of Veneziano model 2—14619

Form factors continued
electron, free, Dirac form factor, α^2 slope contrib. from crossed ladder diag. 2—23771
electron inelastic scattering form factors for ^{20}Ne, ^{24}Mg, ^{28}Si and ^{32}S, shell-model wave function calculations 2—35012
e.m., for protons and pions, calc. from finite energy sum rules 2—11609
exclusive electroproduction, scaling and composite hadrons 2—34628
F_π, effect on reaction ep→enπ^+ 2—14572
G_{em}, effect on reaction ep→enπ^+ 2—14572
hadronic interactions, small distances 2—390
hadrons, parton model of e.m. form factors 2—17838
hadrons, weak reaction, vector dominance model 2—27725
inelastic, for scattering of nucleons on collective nuclei, comparison of nuclear optical potential deformation formalisms 2—8331
isovector and rho-prime, pole model description 2—38307
isovector nucleon, influence of higher order cut contributions and asymptotic behaviour of $\pi\pi$ scattering phase shift on decreasing properties 2—27769
light nuclei, transition toroidal form factors 2—14906
neutrino electric, weak leptonic currents 2—21237
neutron, charge, from threshold π electroprod. 2—27750
nonlocal Regge pole theory, very high energy strong interactions 2—8098
nuclear axial form factor, determ. from π electroproduction cross section 2—11633
nucleon, axial vector, from threshold π electroprod. 2—27750
nucleon, bremsstrahlung model 2—38313
nucleon, evaluated in terms of p_{11} pion-nuclei phase shift, asymptotic behaviour 2—38311
nucleon, pion electroproduction threshold 2—5537
nucleon, validity of scaling relations 2—34707
nucleon electromagnetic form factors, asymptotic form by Lorentz contraction and vector meson dominance 2—14687
one-nucleon transfer reactions, configuration mixing effect, Hartree-Bogoliubov calc. 2—11814
pion, restrictions of unitarity and analyticity on hard pion current algebra models 2—34586
pion charge, sum rule for slope used to calculate charge radius of pion 2—21290
pion mechanical form factor, behaviour rel. to dimensions of scale invariance breaking 2—21289
pions, analyticity 2—27744
proton, deviation from scaling law when momentum transfer is not restricted to small values 2—38318
proton, electromagnetic from elastic scattering cross-sections 2—21301
relativistic, group-theoretical distinction from nonrelativistic form factors 2—8095
resonance dominance using sidewise dispersion relations 2—14549
sum rules, form factors and derivatives at t=0, small distances 2—17775
trinucleon systems, charge form factors calc. using Faddeev formalism and boundary condition model 2—31408
two-nucleon transfer reaction, program 2—35067
W_4 and W_5, deep inelastic neutrino scatt., energy depend. rel. to chiral symmetry breaking 2—380
within framework of one particle saturation, consistency condition, broken chiral symmetry 2—31262
X-ray scattering, incoherent by statistical atom 2—18294
(p,α), pick-up form factors, computation method 2—2774
$e^\pm e^\pm$, high energy inelastic collisions, cross sections 2—17836
eN deep inelastic scattering, relation of e.m. form factors to structure functions in scaling limit 2—34713
ep inelastic scatt. in Δ(1236) region at $q^2=-0.35$ and -1.0 (GeV/c)^2 2—31202
K e.m. form factor meas. in lepton pair production cross-sections $\geqslant$40 GeV 2—14628
K e.m. form factors, possibility of meas. from (K, Kl^+l^-) reactions 2—14644
$K\rightarrow\pi\mu(e)\nu$, bounds on scalar and vector form factors 2—34658
$K\rightarrow\pi\mu(e)\nu$, calc. of form factors in one soft pion formalism, relationship with K_{l4} decay 2—38285
$K\rightarrow\pi\mu(e)\nu$, effective Lagrangian model with SU(3)×SU(3) symmetry breaking 2—27739
$K\rightarrow\pi\mu(e)\nu$, on kaon mass shell form factors 2—23835
$K\rightarrow\pi\mu(e)\nu$, quadratic dependence on momentum transfer 2—17902
$K\rightarrow\pi\mu(e)\nu$ decay form factors, bounds 2—17900
$K\rightarrow\pi\mu(e)\nu$ divergence form factor, $K\pi$ scattering and Pade approximations 2—23833
$K\rightarrow\pi\pi e\nu$, low energy axial vector form factors based on broken chiral symmetry 2—31266
$K\rightarrow\pi\pi\mu(e)\nu$, calc. of form factors in one soft pion formalism, relationship with K_{l3} decay 2—38285
$K\rightarrow\pi\pi\mu(e)\nu$, on kaon mass shell form factors 2—23835
$K\rightarrow\pi\pi\mu(e)\nu$ decay form factors calc. in broken SU(3)×SU(3) model 2—21284
Λ, polarized, β-decay, vector and axial vector form factors determ. 2—14705
N, axial form factor, from low energy π electroprod. expts. 2—31287
N, examination using model describing elastic electron scattering 2—11602
N axial vector form factor from dispersion theory, A_1 dominance effects 2—31315
n electric form factor from low energy π electroprod. expts. 2—31287
N form factor derivation from pole dominance and Veneziano model 2—427
N*(1470)-p, M1 transition form factor calc., using Chou Yang model 2—17983
ν, scattering, relat. to one-nucleon matrix elements of double commutators of chiral charges 2—14564
p, analytical props., determ. of m.s.r. 2—31277
π, analytical props., determ. of m.s.r. 2—31277
π, e.m. form factor meas. in lepton pair production cross-sections $\geqslant$40 GeV 2—14628
π, electromag., investigation using dispersion relations 2—2553
π, examination using model describing elastic electron scattering 2—11602
π e.m. form factor, information inside analyticity region provided by bounds on modulus on cut ($t\geqslant 4m^2$) 2—34673
π e.m. form factors, possibility of meas. form (π, πl^+l^-) reactions 2—14644
π from low energy electroprod. expts. 2—31287
π^+, determ. from ep→enπ^+ reaction near w=2 GeV 2—17926
ρ dominance electromagnetic pion, vacuum polarization insertions 2—27764

Form factors continued
^{3}H, exchange magnetic form factor 2—5642
^{3}H, high energy inelastic scattering 2—38576
^{3}He, charge form factor calc. 2—34906
^{3}He, Coulomb energy deduced by symmetry relation from charge form factors 2—14928
^{3}He, exchange magnetic form factor 2—5642
^{3}He, high energy inelastic scattering 2—38576
^{3}He electric, vector-meson effects 2—14929
^{4}He, elastic electron scattering with short range correlations 2—38577
$K\rightarrow\pi\mu(e)\nu$ decay, bounds on coefficients of scalar and vector form factors 2—8164
^{6}Li, charge form factor, determination from high energy electron scatt. 2—27961
^{6}Li, electron elastic scattering at low momentum transfer, determ. charge form factors, model dependent and independent rms radii 2—24204
^{6}Li, electron elastic scattering at low momentum transfer, determ. charge form factors, model dependent and independent rms radii 2—24204
^{24}Mg, rotational levels, electron scatt. obs. 2—11783
^{14}N(e,e)^{14}N, form factor calc. 2—2768
^{20}Ne, monopole transitions, obs. using inelastic electron scattering 2—31455
^{16}O, elastic electron scattering with short range correlations 2—38577
^{28}Si, rotational levels, electron scatt. obs. 2—11783

Forming processes
alloy, electron-beam welding to niobium alloys 2—19254
arc welding, protection of metal surfaces from welding splashes, organo-silicon liquids 2—6596
backward extrusion, new approach using visioplasticity technique 2—5194
bimetals, optimum rolling temperature 2—1357
brazing, electron beam, of stainless steel components of medical instruments 2—1356
carbide layer build up on steel by open arc 2—32739
ceramic crystal, press. forging, recrystallization, strength, fracture 2—36249
cermet, compacting rolling, contact arc length determ. 2—39947
cold-rolled, hardened boiler tubes, e.m. inspection of microstructure and mechanical, electrical and magnetic properties 2—3934
cutting techniques for irrad. fuels 2—38752
drilling of fused quartz using CO_2 laser 2—36220
electron beam welding cavities, flash radiography 2—25551
electron-beam welding of titanium alloys to niobium alloys 2—19254
electrospark alloying process, regularities in formation of hardened layer 2—6608
extrusion apparatus, differential hydrostatic, for press. to 100 kbar 2—36221
extrusion of superplastic metallic alloys 2—32709
ferrite-titanate ceramic, joining by hot pressing 2—39908
fibres, high modulus, by SiC deposition during film boiling of chlorotrimethylsilane 2—1152
flash welding, temperature field in components being joined, automatic measurement 2—2280
flint-knapping, fracture mechanics 2—15874
friction welding, friction and metallurgy of welds produced examined, engineering problems and machines discussed briefly 2—1354
fusion welding, control of solidification 2—15927
glass, flow behaviour during extrusion 2—22331
hot forming without lubrication 2—9678
hot pressing apparatus, vacuum chamber 2—29408
hot rolling, semi continuous mill 2—1362
hydrostatic press. extrusion 2—39909
Iconel 713 C, weldability, hot cracking sensitivity and mech. props. 2—29291
laser welding, effects of illumination and defocusing on depth of penetration 2—6600
machined surface layer by grinding, struct., thermal residual stress, temp. distrib. 2—1284
metal, conical turning, lubrication and rate of rotation 2—12844
metal, cubic, anisotropy in sheet forming operations 2—25582
metal plate, rolling, mech. props. 2—9681
orthogonal cutting by photoelasto plasticity method 2—126
polypropylene film, metallic filler, strength rel. to mag. field 2—29406
powder particle beam machining, electrostatic acceleration, fundamental study 2—32710
pulsed-arc welding, tungsten electrode, influence of metal solidification pattern on hot cracking 2—12957
quartz, grinding, mech. activation, ^{57}Fe Mossbauer obs. 2—32712
refractory compound powder, supersonic grinding, kinetics 2—15939
rolling, comprehensive soln. of von Karman's basic eqn. 2—29407
sheet metals, deformation constitutional diagram in axisymmetrical forming 2—6602
steel, austenitic, hot working struct, and strength 2—9729
steel, brazed joints, effect of bond zones on mech. strength 2—19253
steel, casting, working, heat treatment, defect origin 2—32690
steel, cold forming fabrication 2—9760
steel, continuous casting plants, operating techniques and utilization times 2—3944
steel, high-carbon, optimum continuous casting temp. 2—9762
steel, mild, ageing at 50°C 2—9750
steel, pre-loaded, deform. kinetics during extension 2—39784
steel, quenched, aged, weldability, rel. to alloy additions, heat treatment conditions 2—19239
steel, stainless, 17-4 PH, behaviour of weld heat affected zones 2—29410
steel, stainless, explosion welding, interface structure, electron microscopy obs. 2—3945
steel, surface hardening, mechanical polishing, Rehbinder effect 2—32704
steel bimetal structure, improved shock resistance by hot rolling 2—1363
steel surfaces, ground, physical condition monitoring by electromagnetic method 2—28990
steel wire drawing, failure exam. 2—22286
steel/Cu composite materials, press-formability, punch loads for deep-drawing, stretch forming 2—12819
surface relief, diffusion zones in thin layers, grinding, polishing, microscopy 2—32327
three layered strip, explosion welding, pack rolling 2—9759
transient processes in welding arc, mathematical model 2—20770
transition metal oxides, powder, hot pressing, densification mech. props. 2—39954
trepanning and machining for reactor fuel post-irrad. exam. 2—38756
vacuum vessels, electron beam welding 2—7630

Forming processes continued
- weld metal, resistance to hot cracking by e.m. stirring 2—15925
- weld metal, surface structure, effect of welding conditions 2—36222
- weld metal, testing for resistance to formation and development of crystalline cracking 2—15921
- weld metal strain in brittle temperature range 2—12956
- welded joint area produced by explosion, temp. meas. using welding plates as thermocouples 2—27326
- welding, ^{26}Al self-diffusion measurements in intermetallic phases $FeAl_3$, Fe_2Al_5, FeAl, Fe_3Al, $FeAl_2$ 2—9603
- welding, analysis of quasi-static thermal stresses due to moving heat source in circular disc 2—20904
- welding, butt transverse strains 2—3850
- welding, conical arcs, procedure for calculating parameters 2—18716
- welding, crack formation 2—9761
- welding, crystal structure of metals deposited by pulsed-arc process 2—12958
- welding, damping coeff. increase for welded bodies, obs. on soldered steel rods 2—29242
- welding, damping coeff. increase for welded bodies, theory 2—29241
- welding, diffusion, physical and metallurgical principles 2—1355
- welding, effect of metal thickness on nature of stresses 2—19249
- welding, explosive, amplitude of interface waves 2—6601
- welding, explosive, bimetallic cylindrical joint, stress analysis 2—14170
- welding, pulsed-arc, relationship between technical strength and solidification of creep-resisting alloys 2—15919
- welding, reactor pressure vessels, fracture mechanism of seam joints 2—12902
- welding, some kinetic aspects of cracking in Cu 2—12959
- welding, steel, weld crack sensitivity, brittle fracture, notch impact toughness testing 2—6580
- welding, strain behaviour of metals during solidification 2—15917
- welding, technical strength criteria and tests for solidifying metals 2—15918
- welding, temporary strength of metals during solidification 2—15916
- welding, use of electron microscope, photo-emission 2—12712
- welding and casting, hot cracking propensities of fully austenitic and duplex Cr-Ni steels 2—15920
- welding of austenitic steels to pearlitic steels, brittle crystallization of interlayers 2—15924
- welding of heat-treated bainitic-martensitic steel, properties of heat affected zone 2—6616
- welding of medium-carbon steels, prevention of microcracking in the fusion zone 2—6581
- welding of metals, technical strength comparison for CO_2-shielded and submerged arc process 2—12960
- welding with high power CO_2 lasers deep penetration 2—14052
- welds and ingots, structure in solidification 2—15771
- wire insulation PVC, dry blending improvement 2—10106
- Zircaloy tubing, influence of reduction values on texture formation 2—25569
- Ag, welding techniques in controlled atmospheres, MIG and TIG welding 2—3943
- Al, explosion welding, interface structure, electron microscopy obs. 2—3945
- Al, morphology of roll-bonded interface 2—19251
- Al, rolled metal, from grains, processing effects on props. 2—15922
- Al welded joints, method for investigating electrochemical heterogeneity 2—29419
- Al_2O_3, synergetic press. sintering densification 2—39875
- CO_2 welding with activated wire and the electrode negative metal transfer and spattering 2—19250
- $CaCO_3$, calcite, sorption of water vapour and N_2, effect of ball-milling 2—35911
- Cr-W alloys for hardfacing to increase the life of rolls, hot rolling of tubes 2—6614
- Cu, electrolytic, extrusion, recrystallization, texture, mech. props. 2—3926
- Cu, explosion welding, interface structure, electron microscopy obs. 2—3945
- Cu, hydrostatic extrusion, rods, residual stress distribution obs. 2—3883
- Cu and Kovar cold-welded joints, strength of small thickness sheets 2—6603
- Cu sheets, spot welding 2—19252
- Fe-B-C alloy, formability rel. to precip. 2—32728
- Fe-Si crystalographic observation, deformed layers, cutting process 2—36223
- Fe-Ti-C alloy, formability rel. to precip. 2—32728
- Fe powder, hot pressing, supersonic oscillation effect 2—15923
- Ni casting, crystal lattice defects, secondary boundary structures 2—15772
- Ni ferrites, form., influence of mixing 2—32711
- PbSn eutectic alloy, extrusion in superplastic region 2—12864
- Ti-Mo-Zr-Al, alloy, weldability, forgeability, rel. to Al content 2—29411
- Ti alloy, diffusion interaction with SiC abrasive under grinding and cutting conds. 2—6604
- UO_2, helix fabrication for irrad. creep meas. 2—36254
- Zn-Al, alloy, eutectoid, superplastic, extrusion speed and temp. rel. to extrusion stress and mech. props. 2—19255

Fortran *see Calculating apparatus/digital computer programmes*

Fountain effect *see Helium-liquid; Superfluidity*

Fourier analysis
- *see also X-ray crystallography/calculation methods*
- acoustoelectric high field domain analysis in piezosemicond. 2—29544
- crystallography, computer program 2—22147
- electron microscopy, phase contrast and compensation of aberrations 2—9417
- Fourier transform n.m.r., driven equilibrium and spin-echo methods, signal-to-noise values 2—27379
- Fourier transform n.m.r., repetitive pulses 2—27378
- Fourier transform n.m.r., spin-lattice relaxation times 2—27380
- gravity problems, linear filtering 2—30136
- holograms, random phase shifters 2—31065
- holography, type written text, effect of weighting the random distrib. 2—5390
- interdiffusion penetration profiles 2—15786
- inverse image of atom, Fourier treatment 2—22122
- laser pulse analysis, active Fabry-Perot cavity 2—21054
- light propagation in nonlinear nondissipative medium, transformation of wave with complex spectrum distribution 2—38052
- liquid state calculations, numerical method 2—18788

Fourier analysis continued
- magnetic reson., digital processing of exptl. data using discrete Fourier transform. 2—7811
- Mossbauer spectroscopy, resolution improvement 2—29889
- neutron time-of-flight spectra analysis using fast Fourier transformation 2—11836
- n.m.r., Fourier transform techniques, book 2—2318
- n.m.r. Fourier transform spectroscopy, high pressure, rel to study of molec. motions and intermolec. interactions in liquids 2—9167
- n.m.r. spectroscopy in liquid cryst. 2—9175
- nuclear spin relaxation, high resolution n.m.r. spectroscopy 2—7149
- optical fourier transformation of area-modulated spatial functions 2—2057
- optical spectral functional analysis by the methods of coherent optics 2—27645
- oscillatory potentials, human e.r.g. response to double flashes of light during dark adaptation 2—26976
- partially coherent fields, angular correlation and far zone behaviour 2—23558
- periodic terrace-ledge and spherical surfaces, calc. of reciprocal lattice by Fourier transformation of electron diffraction data 2—28988
- photoelectric scanning meas. of double stars 2—23074
- plasma positive column, nanosecond pulses propagating in 2—28619
- power spectrum computation 2—5311
- S/N ratio in Fourier transform spectrometry 2—38152
- spatial freq. filtering of radiographs 2—32674
- spectra reconstruction, harmonics generated by Michelson interferometer 2—5446
- spectroscopy, modification of n.m.r. spectrometer 2—34272
- spectroscopy, spectral errors resulting from random sampling position errors 2—27643
- spectroscopy from Nimbus meteorological satellite 2—22953
- surface waves on water, capacitive probe for studying time dependence of individual Fourier components 2—28761
- viscoelastic analysis, linear, of vibrating reed 2—34044
- viscometry, application to hose viscometers 2—28442
- Walsh functions for det. of spatial frequency content of scene brightness distribution 2—34462
- water eliminated Fourier transform n.m.r. spectroscopy, rel. to p.m.r. studies of biological macromolecules 2—23474

Fourier series *see Series; Transformations, mathematical*

Fourier-transform spectroscopy *see Fourier analysis; Spectroscopy*

Fractionation *see Distillation*

Fracture
- *see also Cleavage; Mechanical strength*
- acoustic emission analysis in pressure vessels 2—15064
- acoustic emission study, review 2—22314
- Al alloys, toughness, effects of structural damage 2—15837
- alumina ceramics, with compressive surface layers, delayed fracture, corrosion fatigue 2—6556
- amorphous polymer, tensile strength, internal friction 2—36145
- boride composites, energy rquired, comparison with Co bonded WC 2—1323
- brass, fatigue rupture, surface morphology 2—12907
- brass, toughness, effects of structural damage 2—15837
- brittle, dynamics 2—29316
- brittle, initiation in and ultimate failure of anisotropic rocks, theory 2—29296
- brittle, initiation in and ultimate failure of anisotropic siltstone 2—29297
- brittle, initiation in and ultimate failure of isotropic rock 2—29295
- brittle, initiation in steel 2—1338
- brittle, unstable elastic-plastic, model under plane stress 2—15873
- brittle crack propag. initiation criteria 2—25532
- brittle fracture, steel, effect of cement bound concrete, electrochemical investigation 2—6578
- brittle materials, uniaxially compressed, influence of platen friction 2—19196
- brittle tensile crack propagation, numerical simulation 2—6571
- ceramic, high-strength brittle, work of fracture determ. 2—39951
- ceramic crystal, press. forging, recrystallization, strength 2—36249
- Charpy impact test, computer-assisted 2—36186
- COD test data, geometry effect 2—25529
- COD test data applicability and determ. 2—25530
- composite, fibre, linear fracture mechanics, applic. 2—36162
- composite, fibre reinforced, bounding approach 2—36133
- composite, fibre- or particle-reinforced, fracture toughness 2—39962
- composite, graphite/epoxy, mixed mode fracture 2—36164
- composite, macroscopic mechanics 2—19209
- composite, notched, rel. to tensile strength 2—36134
- computer-aided analysis of long-term creep rupture data 2—32612
- crack growth criteria, nonlinear fracture mechanics 2—12901
- crack stability, fracture test analysis 2—2200
- cracks, rapid extension, in body in a state of uniform anti-plane shear 2—27173
- critical crack propagation force and ductility, fundamental eqns. 2—6564
- cylinder, thick-walled, failure, fracture mechanics applic. 2—32643
- dacite, effect of moisture and temperature on morphology 2—29319
- defect origin, electron microscopy 2—32640
- double cantilever beam test for fracture toughness 2—25565
- ductile, void growth, strain hardening and interaction effects, analysis 2—2189
- ductile crack growth role in failure of structures 2—25527
- dynamic, quartz-phenolic composite under stress-wave loading in uniaxial strain 2—29279
- dynamic propagation, aerospace materials and structures, shock sensitivity 2—9703
- Earth, unconsolidated superficial deposits rel. to the underlying bedrock 2—20262
- elastic theory of crack growth 2—25521
- electron microscopy, scanning and transmission, a comparison 2—9704
- flint-knapping process mechanics 2—15874
- garnet epitaxial film, influence of misfit stress 2—32350
- glass, branching and dicing model 2—1322
- glass, section-and-etch study 2—9699
- glass, stochastic analysis 2—1328
- glass bead filled epoxy composite, toughness 2—36105
- glass container, size of critical Griffith flows 2—29288
- glass effect of high H_2O press. 2—15883
- glass plate, coaxial ring test 2—15866
- glass window, stress analysis 2—39844

Fracture continued
graphite, fine grained, electron microscope exam. 2—3907
graphite, fracture energy determ. 2—29317
graphite, mechanical resistance 2—17334
graphite, static fatigue behaviour, applied stress rel. to fracture stress 2-32588
graphite fibre-epoxy resin composite, tensile fracture due to internal reverberation 2—36167
Hertzian mechanics, section-and-etch study 2—9699
interfacial cracks, bonded dissimilar anisotropic elastic half spaces 2—12900
laser glass, damage investigation 2—26098
linear mechanics analysis survey and evaluation of the finite element method 2—17305
martensite concentration det. in 304 stainless steel by magnetometer, for failure prediction at low temp. 2—39977
materials testing and quality control 2—19233
mechanics, basic concepts 2—7736
mechanics, finite element method 2—23336
mechanics, Griffith concept, teaching 2—23213
mechanics application of finite element method 2—15860
metal, ductile, critical plane-strain stress intensity factor 2—19208
metal, fracture toughness parameters 2—29321
metal, hard, fracture structs., electron microscope obs. 2—32651
metal, under dynamic loading, theory 2—15828
metal component failure, heat treatment effect 2—32627
metal plate, rel. to standard forming tests 2—9681
metals, det. of cause of ductile, fracture semifragile tears and progressive fissuration 2—22281
metals, specimen prep. for electron microscope obs. 2—19221
non-destructive techniques for flaw size determination, review 2—32571
nonlinear effects, small scale crack front plastic yield, slow crack extension 2—2199
notched bar impact test for fracture toughness determ. 2—25564
notched bend testing, apparent rot. axis location 2—36180
nuclear radiation effects on fast fracture behaviour of metals and critical crack size 2—15877
nuclear reactor pressure vessel models, fracture studies on nuclear grade steel 2—15063
phenol-formaldehyde polymer, study of fracture surface regularity 2—3485
plastic, HIPS, crazing, rubber-toughening obs. 2—22274
PMMA, fatigue fracture and striations 2—25535
polyethylene terephthalate, amorphous and cryst. 2—39845
polyformaldehyde, mullite filler, deformation, rupture, microstructure 2—29293
polymer, crack growth, rel. to network orientation and microstructure 2—15869
polymer, semicrystalline, bond rupture, e.s.r. obs. 2—15886
polymer fibre, plastic deformation, charm scission 2—15845
polymer fibre, semicrystalline, strength rel. to mol. wt. and struct. 2—15643
polymer in biaxial and triaxial tension 2—15885
polymer molecular order and motion, seminar, Seattle, USA, Oct. (1970) 2—15639
polymeric fibres, reaction-rate model 2—3911
polymers, crystalline, molecular mechanism of chain rupture 2—29292
polymers, thermoplastic, brittle fracture and chemical constitution 2—6570
polymethylmethacrylate, crack propagation and arrest 2—15887
polystyrene, fracture surfaces, crazing, fibrillar struct., electron microscope obs. 2—3912
polystyrene, inherent flow size and fracture energy 2—1330
polyvinyl chloride, cleavage, crack propagation, birefringence obs. 2—15889
pressure vessel technology, conf., London, England, May 1971 2—24293
quantum physical study 2—37673
reactor pressure vessel, fracture control procedure 2—25566
reactor pressure vessels, equivalent energy procedure for fracture prediction 2—24290
reactor pressure vessels, heat affected zone fracture toughness 2—25528
reactor pressure vessels, overstressing technique for securing brittle failure 2—24291
reactor pressure vessels, safety analysis, elastic fracture mechanics applic. 2—24296
reactor pressure vessels, safety eval., fracture resist. 2—24292
reactor pressure vessels, thick-walled, fracture mechanics technology applic. 2—24295
reactor vessel surveillance, dynamic fracture mechanics approach 2—15149
rock, stamp-load bearing strength, qualitative model 2—30233
rotating cylinder 2—30844
rubber, bond rupture, e.s.r. obs., ozone effect 2—15886
safe design of nuclear reactors and fracture extension resistance of non flangible metals 2—15061
sandstone, effect of size and stress concentration 2—29320
scanning electron microscopy 2—29127
shear wave induced, crack propag. eqns. and stability 2—9698
single-edge notch tension specimens, effect of crack angle 2—3906
slender notch in uniform tensile field, shear stress distrib. 2—36159
slow fracture tests, recording of length of developing cracks 2—29358
solid, broken by shock loading, dispersion 2—32625
spall damage, continuum measures 2—22276
static behaviour, surface-flawed Al, sustained tensile loading 2—1302
steel, 10CrMoNiNb910, coolant pipes 2—19210
steel, after thermomechanical treatment and creep, brittle fracture resist. 2—9731
steel, arrest of propagating cracks 2—25531
steel, austenitic, fatigue fracture microrelief, rel. to durability 2—36152
steel, austenitic, stress corrosion cracking, fracture surface, electron microscope obs. 2—19212
steel, austenitic stainless, crack propagation, relationship of nitrogen to stress corrosion 2—1326
steel, austenitic stainless, stress corrosion cracking, alloying effects 2—1325
steel, brittle fracture, crack sensitivity, notch impact toughness testing 2—6580
steel, brittle fracture, rel. to intercryst. cementite 2—29309
steel, brittle fracture, relation to strength, effect of V and N impurities 2—6517

Fracture continued
steel, brittle fracture initiation in residual stress field 2—25522
steel, brittle fracture initiation of welded joints 2—25534
steel, brittle fracture propag., continuum aspects 2—15870
steel, brittle fracture strength 2—25526
steel, bulk and micro-flow fracture behaviour, neutron irrad. effects 2—25525
steel, Cr-Mo martensitic, toughness and tensile strength, heat treatment depend. 2—12908
steel, crack arrest in transversely loaded elastic plates 2—36171
steel, ductile, strength det. 2—29276
steel, ductile fracture at room temp. 2—1406
steel, dynamic fracture strength, shock precompression effect 2—12889
steel, dynamic properties, obs. 2—29333
steel, dynamic strain-ageing embrittlement effect on press. vessel integrity 2—24294
steel, fatigue fracture, electron microscope obs. 2—9707
steel, fracture mechanics rel. to crack formation by fatigue cycling 2—9709
steel, fracture toughness, effect of fluidized bed heating 2—36216
steel, fracture toughness and Charpy impact data 2—25533
steel, fracture toughness variation prediction from small specimen tests 2—25524
steel, heat treated, serrated grain boundaries rel. to toughness 2—19204
steel, heat-resistant, effect of alloying additions on creep rupture strength 2—9687
steel, high strength, fatigue, electron fractographical investigation 2—3894
steel, high temp. fracture damage, rest period effects 2—39841
steel, high-Cr, fracture toughness, effect of N content 2—36156
steel, high-Cr, fracture toughness, O content effects 2—36155
steel, hot worked carbon, fibrous fracture, rel. to ferrite grains and non-metallic inclusions 2—19198
steel, in corrosive conditions, microstructure and environment effects, review 2—6558
steel, intergranular fracture propagation, effect effect of tempering 2—6563
steel, low alloy, brittle fracture tendency, effect of alloying with molybdenum 2—1301
steel, low alloy, brittle fracture tendency at liq. n temp., tests using notch fracture technique 2—1300
steel, low alloy, brittle fracture tendency at low temperatures, effect of titanium additives 2—9680
steel, low C, crit. fracture stress, effect of grain boundary cementite 2—9708
steel, low carbon, relationship between brittle fracture and high strain fatigue behaviour 2—29294
steel, maraging, fatigue crack growth, fractographic study 2—32648
steel, maraging, fatigue crack growth, fractographic study 2—32647
steel, maraging strainless, fracture toughness 2—36243
steel, mild, crack opening displacement and fibrous fracture 2—32642
steel, mild, grain size effect 2—29327
steel, Nb-stabilized austenitic stainless, fatigue fracture, 500-800°C 2—32629
steel, of cementite particles on room temp. deform. 2—39839
steel, stainless austenitic, under high strain, effect of carbides 2—9651
steel, super-high-density sintered, fatigue and fracture props. 2—6561
steel, temper embrittlement, segration, Auger spectroscopy 2—3897
steel, tempering, toughness, temp. depend. 2—3891
steel, toughness, effect of crack angle 2—3906
steel, toughness, effects of structural damage 2—15837
steel, TRIP-type, fracture toughness 2—36172
steel, XC 38, ductility, inclusions effects 2—15853
steel pipe, effect of heat treatment 2—36207
steel plates, brittle fracture 2—25567
steel wire drawing, failure exam. 2—22286
steel wires, corrosion, chemical activation by concrete 2—6560
steel wires, surface, corrosion, defects, electron microscope obs. 2—6559
steel/epoxy resin, fibre-reinforced composite, multiple fracture 2—32649
stress conc. approach to fracture mechanics 2—25523
stress corrosion cracking and fracture mechanics 2—1320
stress intensity factor for corner flaw 2—39834
stress wave propagation and fracture in thin curved bars 2—5214
structural steels and alloys, toughness, rel. between standard samples and small samples 2—19199
subcritical growth and gross instability 2—19207
surface energies in dynamical cleavage analysis 2—9701
surface structure, fatigue failure, optical correlation function 2—9725
surface-cracked tension elements, fracture behaviour in elastic-plastic range 2—27154
testing, crack opening displacement calibration procedure 2—36181
thermal crack propagation, application of Griffith theory 2—32638
toughness, effect of crack angle, aluminium alloys, tool steel 2—3906
toughness, prediction of radiation induced changes 2—15148
toughness assessment by crack opening displacement method 2—22285
toughness measurement, effect of specimen type and prep. 2—39864
transgranular stress corrosion, Mg-(8.6wt.%)Al alloy 2—1309
Vema zone and the tectonics of transverse shear zones in crustal ocean plates 2—4652
weld seam joints, of reactor pressure vessel, safety factor evaluation 2—12902
zircaloy-2, cold worked, 300-450°C, creep accel. mechanism 2—25510
Zn, electrically induced deform., before brittle fracture 2—36121
Al-Cu alloy, plane strain fracture toughness 2—29322
Al-CuAl$_2$ lamellar eutectic, fracture energy 2—39838
Al-Mg-Zn alloy, fatigue fracture, electron microscope obs. 2—9707
Al-Mg alloy, in uniaxial tension, influence of alloying additions 2—12846
Al-Zn-Mg alloy, notch toughness, Fe, Si content effect 2—12903
Al-Zn-Mg alloy weld, notch toughness, Fe and Si content effect 2—12904
Al, dynamic fracture strength, shock precompression effect 2—12889
Al, energy, as function of hole size and pattern, macroscopic simulation 2—3905
Al alloy, fatigue striations form. 2—29298
Al alloy, surface, fatigue, micropores electron microscopy 2—3904
Al alloy 7075 T6, influence of thickness on fracture toughness parameter 2—15861
Al alloy cylinders under internal press. 2—39837
Al alloys, ductile fracture equation 2—15878
Al alloys, fatigue crack growth, effect of mean stress 2—36165
Al alloys, fracture extension resist. determ. 2—29323
Al alloys, plane strain fracture toughness, effects of specimen size 2—36166

- **Fracture** continued
  - Al alloys, toughness, effect of crack angle 2—3906
  - Al sheet, calc. of Young's modulus and Poissons ratio from stress analysis 2—15860
  - Al sheet, centre cracked, fracture toughness 2—2199
  - Al surface flawed, static fracture behaviour under sustained tensile loading 2—1302
  - Al_2O_3, alumina, at surface flaws, thermal expansion anisotropy effect 2—12886
  - Al_2O_3, filament-reinforced plasma-sprayed 2—36264
  - Al_2O_3, fracture energy determ. 2—29317
  - Al_2O_3, sodium borosilicate glass, dispersed composite system, fracture energy, strength 2—32624
  - Al_2O_3, work of fracture determ. 2—39951
  - B/epoxy composite, fibre breaking, acoustic emission obs. 2—19211
  - B/epoxy composite, fracture surface energy rel. to acoustic emission 2—32644
  - Be, fracture toughness, review 2—29324
  - Be, hot pressed, fracture stress, temp. and strain rate depend. 2—29283
  - Be, transgranular, intergranular, fracture surfaces 2—12906
  - C-SiC alloy, fracture stress 2—32447
  - C fibre, neutron irradiation, strength, Young's modulus, struct. 2—19193
  - Cr orientated bicrystal, intergranular fragility 2—12896
  - Cu-Al, liquid metal embrittlement, role of plastic deformation 2—3898
  - Cu-Ni-Fe, spinodal alloy, microstruct., elec. microscope obs. 2—9685
  - Cu, ductile fracture, unidirectional repeated tensile loading 2—12893
  - Cu, single crysts., fatigue life, fatigue hardening, work hardening, cyclic deform. 2—6568
  - $CuAl_2$, brittle fracture, in compressive and tensile testing 2—19180
  - Fe-Al-Cr alloy, creep rupture strength, effect of Ti and Mo 2—29430
  - Fe-C, alloy, polycryst., fracture toughness rel. to C content 2—29285
  - Fe-C alloy, brittle fracture initiation, carbide particle size effects 2—39823
  - Fe-Cr-Ni steel, austenitic, intergranular decohesion during H embrittlement 2—29308
  - Fe-(5 wt.%)Si, at liq. He temps. 2—19200
  - Fe-Si single crystals, fracture stress, effect of prestrain and ageing 2—12909
  - α-Fe, cleavage initiation and propagation, twin intersection 2—12883
  - Fe, grain size dependence of plane strain fracture toughness, K_{Ic} 2—15864
  - Fe, notched, embrittlement by liq. Cu, creep fracture, crack growth, 1373-1403K 2—12897
  - Fe alloys, low temp., effect of microstruct., meeting report 2—32646
  - HfC, indentation hardness, cracking and plastic flow 2—1294
  - HfC, indentation hardness, cracking and plastic flow 2—1294
  - Li_2O-SiO_2 glass-ceramic, mech. props. rel. to crystallization 2—36140
  - Mg-(8.6wt%)Al, transgranular stress corrosion 2—1309
  - $MgAl_2O_4$ and $MgAl_2O_4$-$CaZrO_4$, fracture energy determ. 2—29317
  - MgO:Ni,Fe,Co, and fibre reinforced, strength, fracture toughness 2—39814
  - MgO-Fe-Ni, precip. effects 2—39842
  - MgO-$MgFe_2O_4$, precip. effects 2—39842
  - MgO, high temp. fatigue fracture initiation mechanism 2—29302
  - MgO, precip. strengthened by $MgFe_2O_4$, fracture stress 2—29402
  - Mo orientated bicrystal, integranular fragility 2—12896
  - NaCl, low temp. triboluminesc. 2—10456
  - Ni-Co-C, steel, fatigue crack growth, compliance method meas. 550-634K 2—19217
  - Ni alloy, superrefractory, rel. to grain size, notch effect 2—29271
  - SiC, elec. microscope obs. of fracture chips 2—9691
  - SiC, fracture energy determ. 2—29317
  - SiC, self-bonded, factors affecting fracture strength 2—29329
  - SiC, stacking faults, granular struct., scanning and transmission electron microscopy 2—9697
  - β-Si_3N_4, dislocation generation 2—19102
  - Ti-(8 wt.%)Al-(1 wt.%)Mo-(1 wt.%)V alloy, sustained loud environmental crack growth 2—29330
  - Ti-Al-Sn-Zr-Mo alloy, fracture toughness rel. to microstruct. 2—39942
  - Ti-Al-V alloy, toughness, crack growth 2—22287
  - Ti-$TiC_{0.52}$ two-phase platelets, optical metallography, electron microfractography 2—6582
  - Ti-V-O and Ti-V-Al-O alloys, fracture toughness, effect of O content 2—36144
  - Ti, alloys, ductile fracture equation 2—15878
  - Ti alloy, characts. in air and seawater environment 2—36174
  - TiH_x, fracture stress, temp., strain-rate, and comp. depend. 2—19183
  - U-Nb-Zr and U-Nb alloys, stress corrosion cracking, fracture mechanics study 2—29331
  - VC crystal, cleavage fracture surface energy 2—22288
  - W orientated bicrystals, intergranular fragility 2—12896
  - WC-Co, cemented carbide, compressive deformation, microstruct. and mech. props. obs. 2—39791
  - YIG, Ga-substituted, rel. to mag. props. 2—35897
  - Zn, brittle fracture, effect of electroplastic deform. 2—32611
  - Zr-Nb alloy, low cycle failure rel. to hydrogenation 2—29303
  - Zr alloy, cracking susceptibility in I_2 vapour, annealing effect 2—6583
- **Francium**
  - atoms, photoionization calc., inclusion of intrachannel interactions 2—601
- **Francium compounds**
  - No entries
- **Franck-Condon factors** *see Spectra*
- **Frank-Read sources** *see Crystal imperfections/dislocations*
- **Fraunhofer lines** *see Astronomical spectra; Spectra; Sun/spectra*
- **Free field rooms** *see Acoustical laboratories*
- **Free radicals**
  - π-electron free radicals, spin-restricted SCF-CI theory of contact hyperfine splittings 2—18389
  - σ-type aromatic radicals, e.s.r. 2—18482
  - 1,8-bis(dimethylamino)naphthalene radical anion, hyperfine coupling consts., steric hindrance 2—21667
  - acetophenone anion radicals, restricted internal rotation influence on e.s.r. spectra 2—828
  - alkoxynitroxide, from photolysis of nitrobenzenes and heterocyclic nitrobenzenes and heterocyclic nitro cpds., e.s.r study 2—832
  - alkyl, e.s.r. study of conformations and hindered internal rotation 2—18480
  - alkylalkoxyamine, trapped in X-irradiated decanal oxime O-methyl ether-urea inclusion crystals, e.s.r. spectra 2—13592
  - alkylalkoxynitroxide, e.s.r. study of decay processes and rotation 2—8728
- **Free radicals** continued
  - amino acid radicals in X-irrad. N-benzoylalanine single crysts., mol. struct., e.p.r. obs, 2—8735
  - aromatic nitriles, anion radicals, i.r. study of intramol. electron interaction 2—8732
  - aromatic nitro-substituted anion radicals, electronic spectra and molecular orbital interpretation 2—834
  - in arsenate single crystals, γ-irradiated ferroelectric and antiferroelectric, e.s.r. study 2—10122
  - barbituric acid and its 2-thio derivative, comparison between radicals formed by radiation, e.s.r. study 2—21662
  - benzaldehyde anion radicals, restricted internal rotation influence on e.s.r. spectra 2—828
  - benzyl, symmetry of first excited state determ. by rotational contour analysis of vibronic bands of emission spectra 2—15355
  - benzyl radical, calculation of e.s.r. proton coupling constants 2—35306
  - 1,3-bisdiphenylene-2-phenylallyl-benzene complex, antiferromag. linear chains 2—26058
  - in bromate single crystals, γ-irradiated, e.p.r., g-factors 2—10517
  - carbomethoxycyanobenzyl radicals, e.s.r. spectra in 40°-200°C range, obs. of π- and σ-spin delocalization into the phenyl ring 2—31842
  - cation radical in α-aminoisobutyric acid single crystal irradiated by γ-rays at 77 K, identified from e.s.r. spectra 2—22885
  - chlorofluoroacetamide radical, structure from e.s.r. study and MO calc. on X-irradiated dichlorofluoroacetamide crystals 2—26267
  - configuration, MINDO method study 2—827
  - 1-decanol-urea X-irradiated inclusion crystals, e.s.r. of trapped radicals 2—20153
  - dialkylamino, structure 2—18525
  - 5,6-dihydrouracil-6-yl radical, conformation studies in mol. crysts. 2—15372
  - diiodomethyl, matrix i.r. spectrum, vibrational assignment 2—8800
  - N,N-dimethylaniline systems, formation of ion radicals from the non-relaxed state of excited charge transfer systems 2—37039
  - 2,2′-dinitrobiphenyl electrogenerated radical anions, e.s.r. spectra, linewidths and spin densities 2—26368
  - 1,8-dinitronaphthalene electrogenerated radical anions, e.s.r. spectra, linewidths and spin densities 2—26368
  - DPPH in polystyrene, dynamic nuclear polarization rel. to localization of energy in organic molecules 2—15369
  - e.s.r. spectroscopy conference 2—17499
  - ethyl radical, proton hyperfine splitting constants, interplay of direct and indirect coupling contributions 2—3085
  - p-fluoro-α-methylstyrene radical anions, spin density distributions, unrestricted Hartree-Fock calculation 2—28388
  - formation in thymine and derivatives after electron irradiation, computer controlled e.p.r. obs. 2—22880
  - 4-formyl-2, 6-di-tert-butylphenoxy radical, e.s.r. and ENDOR spectra 2—5975
  - gyromagnetic ratio meas. with comparator 2—28261
  - halogenated methyl radicals, substituent effects on geometry 2—31863
  - halomethyl, anharmonic potential functions for out-of-plane modes 2—21688
  - hexahelicene anion radical, e.s.r. and ENDOR study 2—844
  - hyperfine coupling augmented basis functions 2—21579
  - imidazole, H-bonded cryst. with protonic conductivity, γ-induced radicals, e.p.r. and ENDOR obs. 2—26293
  - iminoxy, formed from γ-radiation of 5-nitrouracil, e.s.r. structure study 2—10651
  - ion-radicals, electronic spectra and molecular orbital interpretation 2—834
  - malic acid, conformational anal. using PCILO method, conformation by INDO calc. of coupling consts. 2—8789
  - malonic acid γ-irrad. cryst., modulation effects in spin-echo of $CH(COOH)_2$ radicals 2—4552
  - methane radical cation, tetracoordinated three-centre bound config. 2—8791
  - methyl, configuration interaction wavefunctions and computed inversion barriers 2—35277
  - methyl, hyperfine splittings, spin polarization contribution, first order perturbation treatment 2—15404
  - methyl radical reactions with HCl and H_2S, activation energies and kinetic isotope effects 2—26338
  - α-methylstyrene radical anions, spin density distributions, unrestricted Hartree-Fock calculation 2—28388
  - 1-methylvinyl radical on silica gel surfaces, e.s.r. sppectra, temp. effects, h.f. linewidths 2—35358
  - molecular mobility in organic crystal, e.p.r. obs. 2—26290
  - monoiodomethyl, matrix i.r. spectrum, vibrational assignment 2—8800
  - 2-naphthyl, produced by ^{3}H decay synthesis in naphthalene-d_8, e.p.r. study 2—10650
  - nitrobenzonitriles, electrogenerated radical anions, e.s.r. spectra 2—5985
  - nitroxide, probe in plastic cyclohexane, e.p.r., ENDOR, molecular motion 2—26292
  - nitroxide, solid, Overhauser effect 2—26305
  - nitroxide , stable, mag. props. 2—25994
  - nitroxide radical complexes with transition metals, n.m.r. and e.p.r. obs. 2—26376
  - nitroxide solid, Overhauser effect 2—7152
  - nitroxides, e.p.r. spectra, coupling constants 2—5984
  - organic, electron spin-lattice relaxation 2—5955
  - organic radicals in aq. solns., pulse radiolysis and e.p.r. 2—26372
  - pentaphenylcyclopentadienyl, methyl substituents effects on orbital degeneracy 2—24525
  - perinaphthenyl radical, ENDOR spectra in liquid crystal 2—21647
  - phenoxy, partially fluorinated, hyperfine coupling consts. and spin densities, n.m.r. determ. 2—18522
  - phenoxy radicals in solutions, ENDOR 2—5987
  - phenyl, e.s.r. 2—18482
  - 2-phenyl-naphthalene radical anion, ENDOR-in-solution spectra, hyperfine splitting, coherence effects 2—5988
  - phenyliodoacetylene, π radical, photolytic formation, e.s.r. obs. 2—4600
  - pimelic acid single crystal, secondary processes caused by irradiation studied by e.s.r. technique 2—40835
  - polyethylene, irradiated at 4°K, i.r. spectra 2—29924
  - polymer fibre, irradiated, crystalline regions, straining, e.p.r. obs. 2—15846
  - polymers, formed by chain rupture on elongation, e.s.r. 2—29292
  - 2- pyridyl and 2-pyrimidinyl, e.s.r. 2—18482
  - pyrrolidino and pyrrolino free radicals 2—18525
  - pyrylium cation and deuterated analogues, i.r. spectra, vibrational assignment 2—39004

Free radicals continued
quartz dispersion in disintegrator, e.p.r. obs. 2—20151
quinoline and methyl derivatives, e.s.r. obs. 2—8818
radical pairs radiation-produced in organic systems, e.s.r. and ENDOR 2-20194
reactions, nuclear and electron spin polarizations 2—20183
silyl radicals, trimethylsilyl substituted, substituent effects on geometry 2—31863
sodium$_2$-pyrazine$^+$, computerized analysis of e.p.r. line-width variations 2—34266
solutions, e.s.r. spectral line exchange broadening 2—1117
spin-echo signals, modulation effects 2—762
stilbene anion radical, electron transfer reaction with cis- and trans-stilbene, e.s.r. and u.v. study 2—37035
α-styryl, fluoresc., in thermolum. spectra of phenyl acetylene glassy soln. 2—18528
taurine, e.s.r. of γ-irradiated crystal 2—33344
tetraphenylporphine and Zn-tetraphenylporphine photoreduction, absorption spectra and e.p.r. of anion radicals 2—26366
transient, e.s.r. study of conformations and hindered internal rotation 2—18480
triazole, H-bonded cryst. with protonic conductivity, γ-induced radicals, e.p.r. and ENDOR obs. 2—26293
tri-t-butylphenoxyl radical, ENDOR spectra in liquid crystal 2—21647
trifloromethyl radical reactions with HCl and H_2S, activation energies and kinetic isotope effects 2—26338
triglycine sulphate, X-ray damaged, e.p.r. study 2—5977
2,4,5-trimethylbenzyl, e.p.r. in durene crystals 2—36996
1,3,5-triphenylbenzene anion radical, orbital degeneracy obs., e.p.r., p.m.r. and d.m.r. 2—8808
6-undecanol-urea X-irradiated inclusion crystals, e.s.r. of trapped radicals 2—20153
vinyl, hyperfine splittings, spin polarization contribution, first order perturbation treatment 2—15404
vinyl radical on silica gel surfaces, e.s.r. spectra, temp. effects, h.f. linewidths 2—35358
CH, collisions with O atoms, formation of CHO^+ by associative ionization, theoret. study 2—872
CH_3, random motion and relax. in crysts., e.p.r. obs. 2—26373
$CH_2CO_2^-$, random motion and relax. in crysts., e.p.r. obs. 2—26373
CN, quenching of $B^2\Sigma^+$ fluorescence 2—8593
FO, binding energy determ. from $H+F_2O$ reactions 2—18545
FO, ground state, obs. in gas phase and determination of dissociation energy 2—22875
H, in flame, e.p.r. obs. 2—26342
HCO, e.p.r. microwave absorpt. spectra, rotational transition 2—8720
HI_2, i.r. detection through matrix-isolation technique 2—21604
HO_2-, from photolytic reactions, kinetic analysis of absorption spectrum 2—24460
HO_2 geometry and electronic structure, SCF CI calculation 2—31794
HO_2 radical in the gas phase, absorption spectrum and reaction kinetics 2—37038
H_2S^+, comparison of photoelectron and optical spectroscopy, study of vibronic patterns 2—21616
IO_2F^-, e.s.r. in γ-irrad. KIO_2F_2 cryst. 2—20142
$^7Li^{16}O$, $X^2\Pi$ state, fine structure parameters 2—15313
MnO_4^-, two-electron integral evaluation by orbital-product expansion method 2—3050
N, stability, steric and electronic effects, coupling constants from e.s.r. 2—26374
N_2^-, molecular orbital calculation of contact hyperfine interaction, comparison with e.p.r. spectra 2—21629
N_4^-, molecular orbital calculation of contact hyperfine interaction, comparison with e.p.r. spectra 2—21629
NF_2, microwave rotational spectrum 2—12179
NF_2, microwave Zeeman spectra, electron spin-rotation interaction 2—8678
NH_2, isotropic hyperfine coupling constants 2—31812
NH_3^+, hyperfine coupling constant, perturbation approach to evaluation of vibrational effects 2—21623
NH_3^+, random motion and relax. in crysts., e.p.r. obs. 2—26373
OH, electron scattering, quantum state dependence 2—3152
OH, formation through inverse dissociation 2—816
OH, isotropic hyperfine coupling constants 2—31812
OH, Λ-doublet transitions, detection in molecular beam maser 2—12187
OH, predissociation by continuum of bound state without curve crossing 2—18462
OH, production in $H+F_2O$ reactions 2—18545
OH, reanalysis of $A^2\Sigma^+$-$X^2\Pi_i$ system 2—5943
OH, theoretical derivation of molecular parameters 2—12188
OH, theoretical derivation of molecular parameters 2—12188
OH ground state transition frequencies, beam maser measurements 2—21640
SH, isotropic hyperfine coupling constants 2—31812
SiC_2, absorption bands obs., 4300 to 5000 Å 2—12195

Freezing
see also Melting; Nucleation; Supercooling
acoustic technique for studying rate of solidification 2—39423
alloy, high cooling rates, effect on struct. and props. 2—39941
alloys, liq., rapid solidification, struct. and props. of solid 2—32716
aqueous solution, electron microscope specimen prep., frozen fixation technique 2—39610
of aqueous solutions for Mossbauer spectroscopy of complexed ions, cooling rate criterion for glass formation 2—35827
binary solutions, normal freezing eqns. 2—1139
n-cetyl alcohol and its solutions, dielec. anomalies 2—3443
ferromagnetic eutectic, coercive force rel. to solidification rate 2—3437
fusion welding, control of solidification 2—15927
ice melting electrification depend. on earlier freezing rate 2—7292
ice nucleation, observed in cloud chamber, organic substances used as artificial nuclii 2—4660
ice pellets grown by accretion of supercooled drops, charge separation due to riming in an electric field 2—40956
ice to brine salinity ratio meas. in temp. gradient, up to 1.3° C/cm, comparison with computer salinity profiles 2—35826
metal, under controlled conditions, rel. to thermometer calibration 2—17453
metal system solidification, dendrite morphology, holographic obs. on transparent org. cpds., simulation expt. 2—15669
n-paraffins, rate of solidification determ. by acoustic method 2—39423

Freezing continued
polymer gels and solutions, anomalous behaviour 2—1142
polystyrene, vitreous solidification thermodynamics 2—12625
porous adsorbents, adsorbate solidification rel. to meniscus curvature 2—35928
raindrops disrupted in passage through strong electric fields 2—1864
refractory oxide droplets, solidification, spheroidization times, supercooling 2—12613
saturated liquid inside or outside spheres, analytical solutions 2—9211
semi-transparent materials, effect of radiative heat transfer on solidification rate 2—6282
semiporous channels, mixture of gases flowing, heat transfer and application to freeze-drying 2—30887
solidification, acoustical technique applic. 2—28946
statistical mechanical mechanism, lattice theory 2—39418
steel, austenitic stainless, N distrib. during solidification 2—9212
steel ingot, solidification process, differential mathematical model 2—3442
steel ingot solidification, math. study, finite element method 2—32307
superconducting eutectic, critical temp. and field rel. to solidification rate 2—3437
water, periodic freezing and melting, theoretical study 2—1135
water, supercooled, ice nucleation by coprecipitated AgI and AgBr 2—25144
water, supercooled droplets, effect of CuS on freezing 2—39424
water -ice system, partitioning of HCl 2—25143
water droplets, effect of AgI as a result of multiple freezing 2—39425
wet sand during freezing, temperature and water content profiles 2—20956
Al-Be alloy, fibre reinforced, directional solidification 2—19286
Al-$CuAl_2$, eutectic system, morphological obs. of eutectic-dendrite breakdown 2—3439
Al-Cu(Ge) eutectic alloys, splat cooling on diamond substrate 2—18926
Al-Mg alloy, convective mixing 2—28947
Al-Si alloy, flake/fibre morphology transition rel. to directional solidification 2—22337
Al-Si alloy, Na effects on Si growth vel. and morphology 2—32720
Al-Si eutectic alloy, directional solidification, convection influence 2—25145
Al-Si eutectic alloy, directional solidification, convection influence 2—25146
Al-Si eutectic alloy, unidirectional solidification, convection effects 2—12614
Al, γ-irradiation effects on transition temp. 2—6281
Al, solidification by continuous casting, feathery crystallization mechanism 2—6644
Al alloy, influence of metal flow on grain morphology 2—15896
Ar, jets, freely expanding translational freezing, mol. beam study 2—28686
Bi-Pb_2Bi eutectic alloy, unidirectional solidification, crystal growth 2—3440
CO_2, jets, freely expanding translational freezing, mol. beam study 2—28686
Co-Fe-Cu-Ce alloy, permanent magnet, directional solidification 2—25594
Co-Fe-Ni/NbC(TaC) fibre reinforced eutectic systems, directional solidification, sogt magnet 2—3438
CoO_x, solidification temp. and nonstoichiometry in oxidizing atmos. 2—9333
Cr_xM_{1-x}—M_x—$Cr_{1-x}C_3$, (M=Fe, Co, Ni), eutectic, directional solidification, feathered morphology 2—3441
Cu-Mn, Cu-Ni alloys, solidification, chem. comp., constitutional diag., diffusion constant 2—28936
Cu-Mn, Cu-Ni alloys, solidification, sudden rate changes, initial transient and solute-distrib. profiles 2—28938
Cu-Mn, Cu-Ni alloys, solidification, rate effects on comp. at liquid-solid interface 2—28937
Fe-C-Si alloy, non-eutectic solidification 2—28948
Fe-C, Fe-C-Cr and Fe-C-Si alloys primary graphite obs. by thermal differential analysis 2—6615
Fe-Cr_7C_3 eutectic, oriented crystallization, struct., strength 2—3436
Fe, cast, laboratory scale melting and solidification method 2—35818
Hg, rate of solidification determ. by acoustic method 2—39423
Hg, thermograms 2—12612
Mo casting, struct. rel. to carbon content 2—19237
N_2, jets, freely expanding translational freezing, mol. beam study 2—28686
$Na_2B_4O_7$, mechanism of crystallisation from melt 2—1213
Pb-Bi eutectic alloy, heat of solidification 2—15630
Sn-Pb eutectic alloy, unidirectional solidification, electronic microanalysis 2—12925
Sn-Sb-Cu alloy, η phase segregation prevention 2—3965
Frenkel defects *see Crystal imperfections/interstitials*
Frequency *see Time measurement*
Friction
see also Internal friction
asperities in sliding interaction, junction deform. models 2—39851
asperity persistence between rough surfaces, real area of contact 2—32655
brittle material, complex stressed state, strength calc. 2—19202
coefficient, use as example of second rank tensor rel. to teaching 2—17161
coefficients, effect of heating rate on transitions from low to high values in sliding expts. 2—6590
contact of two nominally flat rough surfaces 2—3919
drag coefficients of water droplets decelerating in air 2—1865
elastomer, contact area with solid surface 2—3922
fluid, micropolar, pivoted slider bearing characts., curvature rel. to press., load capacity, friction coeff. 2—9052
graphite, sliding on basal and edge planes at small loads 2—6591
hot forming without lubrication 2—9678
low temperature meas. apparatus 2—25547
lubricant, hard, antifriction props., 20-1500°C 2—1335
lunar soil, friction and abrasion props. 2—33726
metal, cryst. struct. and defect effects 2—3921
metal compatibility effects on tribological characts. 2—29343
metal pairs, static testing rel. to compatibility determ. 2—29458
metals, rel. to static and dynamic friction 2—9723
mixed, methods and results of research 2—3915
Nimonic 75, high temp. props. 2—22297
nonadiabatic flat plates, hypersonic turbulent skin-frinction and boundary-layer profiles 2—32158
effects on normal contact stresses in thin elastic sheets 2—34009
plastic contact conditions, coeff., temp. depend. 2—9722
poly(amide-imide) in dry air at 260°C, obs. 2—12918
polyethylene, temp. effect 2—12919
polyimide in dry air at 260°C, obs. 2—12918

Friction continued
- polymer, press. depend. 2—3923
- polymers with metals, in s.h. vacuum, 300-10K 2—36179
- polypropylene/graphite, anomalously low friction under He atom irradiation 2—32657
- polypropylene/MoS_2, anomalously low friction under He atom irradiation 2—32657
- porous media, permeability rel. to compaction press. 2—39966
- pyrrone in dry air at 260°C, obs. 2—12918
- rolling, minimum principle for law of dry friction, application to nonsteadily rolling elastic cylinders 2—36132
- rolling, minimum principle for the law of dry friction, application to elastic cylinders in rolling contact 2—36131
- rolling of cylinder on rigid/perfectly plastic half-space 2—37671
- roughness effects on determination of coefficients, turbulent motion of incompressible flow in pipes 2—3331
- sea bed, effect on tides in shallow water 2—13646
- skin, calibration of hot films for obs. 2—3920
- skin, drag, in symmetric laminar incompressible flow past parabola 2—18558
- skin, response to angle and perturbation parameters in flow past axisymmetric body 2—39054
- skin calc. for viscous flow past parabolic cylinder in uniform stream 2—8888
- skin friction reduction by suction or injection, turbulent boundary transport modelling 2—28709
- slide and brachistochrone problem 2—17291
- sliding contact, thermoelastic instability 2—22299
- sliding electrical contacts, wear testing under current 2—29365
- sliding real time anal., u.h.v. apparatus for obs. 2—30736
- solid-solution contact, potential difference effects, calc. 2—32656
- steel, cermet, containing inclusions, optimum comp. for wear resist. 2—1334
- steel, corrosion and exoemission, effect of friction reversal 2—9732
- steel, effect of Cu coating 2—3918
- steel, in high vacuum and in air, low temp. 2—36178
- steel surface, unlubricated, high speed sliding, surface temp. predictions 2—22302
- sulphidized cermet, antifriction props. 2—29342
- surface layer structure change in S-137 material 2—29341
- test apparatus for high temp. investigation in vacuum and gaseous media 2—6594
- thermoplastic, C-fibre reinforced, tribological characteristics 2—1336
- transient rolling contact problem 2—27181
- transport processes, statistical mechanics 2—30806
- tubes with repeated-rib roughness, heat transfer and friction correlations 2—12324
- turbine blade fastenings, effect on stresses 2—5180
- two-phase flow, skin-friction and film-thickness meas. in upward flow through annulus 2—24631
- velocity and skin, unsteady boundary layer in a rotating fluid 2—31916
- viscous, effect on dislocation speed 2—6492
- Ag, fretting, spherical particle form. 2—39852
- Al, powder, 0-500 kg/cm^2 2—12920
- Co-25wt.%Mo impregnated with CaF_2-BaF_2 eutectic, obs. 2—12917
- Cu-Al(Sn) alloys, surface segregation effects 2—22303
- Cu-Ni/BN composite plasmic coating, antifriction props. 2—12985
- Fe-Al alloys, dry and lubricated, influence of Al 2—12916
- Fe-Al alloys, surface segregation effects 2—22303
- Fe, LEED, Auger spectroscopy and microcontact obs. 2—39848
- Fe, powder, 0-500 kg/cm^2 2—12920
- LiF, surface dislocation struct. formed by scratching with needle 2—32522
- Mo impregnated with CaF_2-BaF_2 eutectic, obs. 2—12917
- MoS_2 type bonded solid film lubricant, humidity effects 2—22301
- W impregnated with CaF_2-BaF_2 eutectic, obs. 2—12917
- Zn, surface deform. during sliding, surface films effect 2—22304
- Zn single crystal surface deform., effect of surface films 2—15890

Frictional electricity *see Electric charge; Electrostatics*

Fuel cells *see Electricity, direct conversion/fuel cells*

Fugacity *see Diffusion in gases; Kinetic theory/gases*

Functions
- analytic, extrapolation, related class of distributions 2—14065
- analytic function theory review 2—29
- correlation function for electron gas evaluated divergence removed by quantum effects 2—7718
- digital generators and multipliers, variable geometry K-source detector system 2—5093
- fixed points of some functions f(xλ), theorems 2—25
- hypergeometric, analytic continuation by complex, single loop Euler transforms 2—14066
- Jost function of central momentum-dependent S-state interaction 2—2144
- Lame, first kind, computer generated 2—2061
- of mathematical physics, graduate level text-book 2—5121
- optical transfer function as an aid to design of optical systems, book 2—2452
- prolate spheroidal wave functions, review 2—35
- response function, quantum statistical, inequalities for derivatives of partition function 2—11297
- spatial, area-modulated, optical fourier transformation 2—2057

Fundamental concepts *see Physics fundamentals*

Fundamental constants *see Constants*

Fundamental particles *see Elementary particles*

Furnaces *see Heating; High temperature technique*

Furry theorem *see Quantum electrodynamics*

Fusion *see Heat of fusion; Melting; Nuclear fusion*

g-factor *see Elementary particles; Gyromagnetic ratio; Nucleus; Spectra*

G-matrix *see Molecules/internal mechanics*

Gadolinium
- acoustic wave propag., Curie pt. phenomena 2—1425
- band structure, determ. by X-ray photoemission 2—22464
- critical thermopower, Curie pt., sp. ht., mag. ordering 2—40372
- crystal structure, mag. field effect, 150-373K 2—22680
- deformation study by X-ray diffraction, stacking fault probability 2—3772
- electron energy loss spectra, plasma peaks 2—1470
- e.s.r. in LaP, cond. electron effects 2—40760
- film, interatomic distance, grain size and surface tension effects 2—29034
- film, stress effect on Curie temp. 2—40509

Gadolinium continued
- film, superferromagnetism 2—4390
- g-shift and band magnetiz. sign 2—40406
- Hall resist., press. effect 2—6762
- ions, energy transfer with Tb ions in borate glasses, luminescence quantum efficiency 2—16620
- isomer shift by Mossbauer effect 2—31488
- magnetic form factor 2—40481
- magnetic moment distrib. 2—19879
- magnetoelastic anomaly, in sound velocity below ferromag. T_c 2—25490
- microhardness temp. depend., Fe impurity influence, near Curie pt. 2—29337
- microwave mag.-transmission reson. in paramag. and ferromag. states 2—36969
- neutron capture on Gd and Sm in Luna 16, G-2 soil 2—20655
- polycrystalline, optical consts. in i.r. range, dielec. const. freq. depend. 2—19960
- solubilization of Nd^{3+} in YAG 2—29092
- spin wave contrib., to sp. ht. 2—13042
- u.s. velocity, Curie pt. anomalies, elastic const. determ. 2—9870
- X-ray excited optical fluorescence, in Gd_2O_3, La_2O_3, and Y_2O_3 2—22805
- EuSe:Gd, Mossbauer study 2—13444
- Gd:W, excitation of W by O beam bombardment, γ-ray and distribution obs., hyperfine field interaction 2—7026
- Gd I, arc spectrum analysis 2—15214
- Gd II, spark spectrum analysis 2—11954
- Gd^{3+} e.p.r. in $CsPbCl_3$ 2—12994
- Gd^{3+} in Al_2O_3, energy levels, wavefunctions, dipole and quadrupole transitions 2—29852
- Gd^{3+} in alkaline earth fluorides, trigonal centre obs., e.s.r. 2—13530
- Gd^{3+} in glass fibres, e.p.r., struct. obs. 2—10521
- Gd^{3+} in hexagonal crystals, departures from electrostatic crystal field models 2—40582
- Gd^{3+} in $SrMoO_4$, e.p.r., tetragonal active centre obs. 2—10523
- Gd^{3+} in ThO_2 and CeO_2, spin-lattice interaction, temp. depend. 2—26277
- Gd^{3+} S-state ion in axial crystalline electric field, ground state splitting calc. using expression for matrix elements of spin-orbit coupling 2—29850
- $^{155}Gd^{3+}$ e.p.r. in ThO_2, h.f.s. 2—26288
- $^{155}Gd^{3+}$ e.p.r. in ThO_2 2—13544
- PbTe:Gd, localized moment effects on mag. characts. 2—33141
- SnTe:Gd, localized moment effects on mag. characts. 2—33141
- Y:Gd, obs. of anisotropies in e.p.r. linewidth and resonance fields due to crystal field effects 2—4546

Gadolinium compounds
- double oxides, Mossbauer effect, ^{155}Gd, isomer shift, quadrupole splitting, hyperfine interaction 2—10326
- GdIG, n.m.r. and Mossbauer obs., hyperfine struct. of Gd isotopes 2—7140
- intermetallics, g-shifts, s-d hybridization implications 2—40406
- Ag-Gd system, phase equilibra 2—22375
- Er-Gd alloy, mag. struct., neutron diffr., 4.2-293k 2—26024
- $Eu_{1-x}Gd_xS$, mag. ordering 2—36710
- Fe-Gd alloy, film, mag. compensation 2—13405
- Gd-Au, film, superferromagnetism 2—4390
- Gd-Cu-Fe di-substitutional solid solns., form. conditions 2—19261
- Gd-Ln-Co ternaries, Ln=Nd, Dy, Mo magnetic characteristics 2—10213
- Gd-Lu(Y) alloys, ^{165}Ho n.m.r., hyperfine interactions rel. to noncollinear magnetic order 2—7138
- Gd-Rh alloys, Gd_3Rh, Gd_7Rh_3 and $GdRh_3$ phases, cryst. struct. 2—22161
- Gd-Sn alloy, Mossbauer effect, nuclear Zeeman effect, mag. props. 2—13453
- Gd-Y alloys, Hall effect, magnetiz., elec. resist. 2—6975
- Gd complex, gadolinium tris-2,2,6,6-tetramethyl-3,5-heptanedione 2—18441
- Gd intermetallic, with CsCl struct., influence of cond. electron mean free path on mag. props. 2—36715
- Gd oxyhalide activated with Tb for X-ray image convertors, patent 2—20089
- $GdAg_{1-x}In_x(Zn_x)$, ferromagnet, n.m.r. study 2—40773
- $GdAl_2$, magnetization, Curie temp., e.p.r. obs. 2—26040
- $Gd_3Al_2(AlO_4)_3$ garnet, n.m.r., ^{27}Al quadrupole coupling, 1.5-300 K 2—7139
- $GdAlO_3$:Er^{3+}, energy level diagram, absorption, luminesc., and stimulated emission obs. 2—33313
- $GdAlO_3$:Nd^{3+}, optical absorpt., luminesc. and stimulated emission spectra 2—20097
- $GdAlO_3$, u.s.-spin wave interaction 2—32837
- $Gd_3Al_5O_{12}$, ^{27}Al n.m.r., quadrupole coupling const. detn. 2—10542
- $Gd_3Al_5O_{12}$, cryst. growth from the melt, and optical props. 2—22110
- GdAs, antiferromagnet, spin-polarized electron states, photoelectron spectra obs. 2—36637
- $GdAsO_4$, mag. phase diagram 2—36771
- GdAs(P)(S)(Sb), spin polarized photoelectrons from cond. states, susceptibility, exchange interactions 2—40559
- $GdCd_{1-x}Zn_x$, ferromagnet, n.m.r. study 2—40773
- $GdCl_3$, magnetic susceptibilities, in microwave region, spontaneous magnetization 2—1631
- $GdCo_2$, strong field magnetiz. 2—33159
- $GdCo_3$, Curie temp., hydrostatic press. effect 2—26001
- Gd_2Co_7, Curie temp., hydrostatic press. effect 2—26001
- Gd_2Co_7, n.m.r. of ^{155}Gd, ^{157}Gd, and ^{59}Co, at 77K 2—4555
- GdF_3:Er, Yb, luminesc. props., effect of preparation conditions 2—26216
- GdF_3, up-conversion phosphor, prep. method 2—33321
- Gd_3(Fe,Co,Ni), pseudobinary, struct. rel. to mag. props. 2—33175
- GdFe garnet, hyperfine field on ^{119}Sn, rare earth contrib. 2—22741
- GdFe garnet, magnetized, spin-echo n.m.r. study of Gd quadrupole interactions 2—4554
- $GdFe_2$, strong field magnetiz. 2—33159
- $Gd_3Fe_5O_{12}$:Si, domain struct. 2—10229
- $Gd_3Fe_{5-x}Ru_xO_{12}$, ferromag. reson., anisotropy and linewidth 2—36970
- $Gd_3Ga_5O_{12}$, for appl. as substrates, Czochralski growth 2—29099
- $Gd_3Ga_5O_{12}$ and $Gd_3Ga_5O_{12}$-$Ln_3Ga_5O_{12}$ solid soln., Czochralski growth 2—19003
- GdI_3, interpretation of unresolved quadrupole splitting of ^{129}I Mossbauer spectra 2—40629
- GdIG, substituted, compensation temperature 2—36746
- $GdIn_{0.5-x}Ag_{0.5-x}Zn_{2x}$, ferromagnet, n.m.r. study 2—40773
- $Gd_2(MoO_4)_3$: Nd^{3+}, Stark level positions, stimulated emission from $^4F_{3/2} \to {}^4I_{11/2}$ transition 2—1679

Gadolinium compounds continued
$Gd_2(MoO_4)_3$, anomalous elastic wave absorpt. rel. to ferroelectric phase transition 2—19299
β-$Gd_2(MoO_4)_3$, antiferromag., ferroelectric, magnetothermodynamics, 0.4-4.2K fields to 90 kG 2—10239
$Gd_2(MoO_4)_3$, control and applic. of ferroelec.-ferroelastic domain wall motion 2—40351
$Gd_2(MoO_4)_3$, elastic props. at ferroelastic transition 2—16009
$Gd_2(MoO_4)_3$, ferroelastic, thickness of domain walls 2—16277
$Gd_2(MoO_4)_3$, ferroelec.-ferroelastic domain wall struct. 2—16290
$Gd_2(MoO_4)_3$, ferroelec., anomalous optical hysteresis 2—19971
$Gd_2(MoO_4)_3$, ferroelec. Curie pt. shift due to hydrostatic press. 2—6882
$Gd_2(MoO_4)_3$, ferroelec. phase transition, pyroelectric effect, spontaneous polarization 2—13328
$Gd_2(MoO_4)_3$, moving ferroelec. domains, moving microscopy obs. 2—25927
$Gd_2(MoO_4)_3$, optical props., device applics. 2—40614
$Gd_2(MoO_4)_3$, phase boundaries between ferro- and paraelec. phases 2—16289
$Gd_2(MoO_4)_3$, phase transition, soft-zone boundary phonon driven 2—19763
$Gd_2(MoO_4)_3$, precision lattice parameters, ferroelectric-paraelectric structural transition 2—9486
β-$Gd_2(MoO_4)_3$, struct. and props., compared with β-$Tb_2(MoO_4)_3$ 2—3735
GdN, ferromag. coupling between 4-f electrons, perturbation theory 2—19854
$GdNi_2$, strong field magnetiz. 2—33159
$GdNi_2$, thermal variation of lattice parameters, mag. transition 2—26054
$GdNi_5$, sp. ht. obs., 1.6-4K 2—16037
$GdNi_5$ e.p.r. and mag. susceptibility obs. 2—16346
$GdNi_x$, Gd_2Ni_7, x=1, 2, 3, 5, e.p.r. and susceptibility obs., temp. depend. 2—10506
Gd_xNi_y intermetallics, paramag. moment behaviour 2—22664
Gd_2O_3:R, R=Pr, Sm, Eu, Gd, Tb, Dy, Ho, Er, and Tm, X-ray excited fluorescence 2—22805
Gd_2O_3-SrO system, phase diagram, high temp. DTA study 2—29472
GdO, antiphase boundaries 2—25333
GdO, struct. and growth, phase transformations, electron microscope obs. 2 -9473
Gd_2O_2S:Tb phosphor, use as improved X-ray intensifying screen 2—30672
Gd_2O_2S-La_2O_2S, phosphor host material, subsolidus phase relations 2—13010
GdP, antiferromagnet, spin-polarized electron states, photoelectron spectra obs. 2—36637
$GdPO_4$, antiferromagnetic transitions, ^{31}P n.m.r. obs. 2—6992
$GdPb_3$, magnetic props., temp. range 2.8-300K 2—4346
$GdPd_3$, mag. props. 2—19829
GdS, thermal cond., lattice contrib. 2—4080
Gd_3S_4, transport props., localization, vacancies and mag. interaction 2—32981
GdSb, antiferromagnet, spin-polarized electron states, photoelectron spectra obs. 2—36637
$GdScO_3$;Nd, absorpt. and luminescence spectra 2—26235
Gd_5Si_4, crystal structure, three dimensional X-ray data 2—9472
$Gd_2Si_2O_7$, crystallization from molten soln. in Bi_2O_3 2—1208
$Gd_{1-x}Sm_xVO_4$, $0 \leqslant x \leqslant 1$, temperature, concentration and kinetic parameters of luminescence, energy transfer 2—29955
$Gd_xT_{1-x}Co_2$, mag. moment of Co 2—25998
$Gd_{1-x}Th_xFe_3$, mag. props. 2—40527
$GdVO_4$, mag. phase diagram 2—36771
$GdVO_4$, magnetothermal resist., spin wave dispersion curves 2—22706
$Gd_xY_{3-x}Fe_{5-y}Ga_yO_{12}$ epitaxial film, suitablity for bubble domain devices 2—22690
$Gd_2Zn_{\sim 9}$, cryst. struct. 2—39656
$GdZn_{1-x}In_x$, ferromagnet, n.m.r. study 2—40773
$^{158}GdO/^{157}GdO$ lunar rocks, enrichments due to neutron capture, irradiation histories 2—13978
$Ge_2(MoO_4)_3$, ferroelec. ferroelastic and paraelec.-paraelastic phases, X-ray obs. 2—19052
La-Ge dilute system, temp. depend of spin-flip scatt., determ. from H_{c2} 2—29620
$La_{1-x}Gd_xAl_2$, spin-lattice relax. of ^{139}La and ^{27}Al, impurity contrib. 2—33181
Mg-Gd dil. alloy, effective exchange integral sign 2—16646
$Y_2GdFe_{4.2}Al_{0.8}O_{12}$, growth-induced anisotropy, microscopic theory 2—40533
Y_2O_2S-Gd_2O_2S, phosphor host material, subsolidus phase relations 2—13010
ZrO_2-Gd_2O_3, phase transformations, d.t.a. and X-ray diffr. obs. 2—9840

Galaxies
see also H I regions; H II regions; Intergalactic matter; Nebulae
Abell 2199 cluster, evidence for supergalaxy 2—7380
Abell clusters, tests for superclustering 2—10830
abundance gradients across spiral galaxies, planetary nebulae rel. to interstellar medium enrichment 2—37269
age, big bang theory 2—20499
agglomerations, mass deficiency problem, investigation using stellar dynamics 2—41059
Andromeda, nucleus, globular cluster subsystem, and interstellar hydrogen 2—13849
angular size, flux density and position obs. Maffei 2, at 4.5 and 2.8 cm. 2—26627
angular size cosmological test, suitable choice of radius for galaxy cluster size 2—33603
barred spirals, shock waves, bar structure and motions 2—4799
bound and unstable groups, virial mass det. 2—10831
bright, associated with quasars, study of 222 QSRS's and 166 QSO's 2—37326
3 C120, Seyfert, rapid change in visibility function 2—37265
3C274, high resolution obs. at 8 GHz 2—30520
3C279, rapid differential proper motion in radio fine structure 2—33606
3C84, high resolution obs. at 8 GHz 2—30520
3C 390.3, photometry 2—10828
Centauras A γ spectra 25-975 keV 2—17026
cluster, expansion, obs. of velocity dispersion 2—4795
cluster, magnitude-redshift diagram interpretation and deceleration parameter 2—13870
cluster, magnitude-redshift relation, possible effects of evolution 2—13876
cluster Abell 1413, luminosity segregation 2—26630

Galaxies continued
clusters, extinction effects 2—41054
clusters, form types 2—26628
clusters, lifetimes 2—41063
clusters, luminosity and extragalactic distance scale 2—13833
clusters, molecular H_2, stabilizes galaxies, closes Universe 2—33610
clusters, redshift and apparent magnitudes 2—26593
clusters, redshift-magnitude relation, selection effects on model of universe 2—10790
clusters, rich, angular diameter-redshift relation 2—10825
clusters, stability and mass to light ratio 2—4797
clusters, unlikeliness that H_2 stabilizes 2—10816
clusters and nearby groups, limits on clumping of intergalactic gas 2—26614
clusters of galaxies, primordial gravitational waves, critique of Rees's (1971) theory 2—26595
Coma Berenices cluster, possibility of intergalactic gas clouds 2—26613
Coma cluster, absence of Lα flux, gravitational binding 2—26632
Coma Cluster, correlation of redshift with magnitude 2—7381
Coma cluster, intergalactic clouds in 2—20480
compact, astrophysical statistics of 745 sources near the galactic North pole 2—13859
compact, ejection from larger ones 2—13874
compact, morphology correlated with colour and apparent magnitude 2—26640
compact, spectra 2—4802
compact objects, energy conversion by rotation of massive objects with magnetic fields 2—13941
compact objects, magnetoid instability in twisted magnetic fields and repeated explosions 2—13944
compact objects, optical classification 2—13860
compact objects, optical classification of QSS, QSO's, N-type, Seyfert and galactic nuclei 2—13858
conference (San Juan, December 1971) 2—26582
core-halo radio sources, brightness distribution 2—26781
cosmological test, combined with blue objects 2—13877
density waves, oscillation and overstability in rotating disc like star-gas system 2—33611
diameter-redshift relation 2—13875
diffuse cosmic x-rays, autocorrelation function, inconsistent with superclustering 2—10976
disk systems, relaxation times 2—41062
distant clusters, redshifts and evolutionary effects 2—30429
distribution in Ursa Major II cluster, static props., density functions 2—13843
distribution of angular momenta 2—30432
double and multiple, relative number and space distribution 2—26631
Draco dwarf, evolutionary stage of stars 2—20534
dynamics of plane stellar systems, computer model 2—41065
eclipsing binaries in other galaxies 2—41125
elliptical, blue condensations associated with, spectral obs. 2—26626
elliptical, in clusters, redshift distance relation 2—33601
elliptical, line profile spectra from centre part 2—33608
elliptical, nuclei, compact radio sources in 2—13961
elliptical giant, colour-redshift relation, stellar evolution models 2—10832
evolution, necleosynthesis theories 2—20461
evolution rate of nearby giant ellipticals rel. to magnitude-redshift relation and q_0, deceleration parameter 2—37240
evolutionary sequences 2—20498
external and quasi-stellar objects, conference, Dordrecht (1970) 2—13847
extinction effects rel. to largest clusters of galaxies 2—41054
extragalactic objects, observational paradoxes about red shifts, ages and origins 2—26608
faint spectra using Lick Observatory image-dissector scanner 2—41270
formation, dynamics of rotating gaseous ellipsoid in expanding universe 2—26596
formation, Newtonian hydrodynamics in terms of scalar tensor theory 2—26597
formation model based on post big bang fragmentation 2—37259
fragmentation of supermassive disks 2—7366
galactic gases, collisions with high-momentum extragalactic clouds rel. to origin of high velocity neutral H_2 gases 2—30406
giant E, colour change with time 2—10829
giant ellipticals, mass-luminosity ratios and central mass densities 2—13855
gravitomagnetodynamics, linear and nonlinear perturbations 2—39031
H I mapping by aperture synthesis techniques 2—1949
near Hercules cluster, redshifts by image tube spectra 30428 2—30428
IC 1182, blue condensations associated with, spectral obs. 2—26626
IC 450 nucleus, hydrogen lines variations 2—10835
inclination and internal absorption effects on apparent diameters, optical luminosities and HI radiation, empirical properties 2—37268
inclination and internal absorption effects on apparent diameters, optical luminosities and HI radiation, optical and 21-cm. data 2—37267
inclination and internal absorption effects on apparent diameters, optical luminosities and HI radiation, applications 2—37256
i.r. radiation from compact objects 2—13934
IRC 20385 galaxy or rich globular cluster, distance 2—26739
Large Magellanic Cloud, kinematic properties of H II regions 2—7398
Large Magellanic Cloud, radial distribution of planetary nebulae 2—20503
Large Magellanic Cloud, spatial distribution of old and young stars 2—23058
Large Magellanic Cloud catalogs of Sanduleak and Fehrenbach-Duflot comparison 2—37261
AP Lib, spectrum, equivalence to PKS 1514-24 and similarity to BL Lac 2—7385
M31, faint companions 2—10834
M31, metre wavelength radio observations 2—26637
M31, nucleus, globular cluster subsystem, and interstellar hydrogen 2—13849
M31, recordings of dust from specially processed plates 2—41052
M31, relative line strengths and abundances in emission regions in the nucleus and disk 2—13851
M31 and M32, high resolution photographs of the nuclei obtained by stratoscope II 2—26636
M31 and M33 spiral, radio survey of ionised hydrogen 2—41061
M32, population model, colour change with time 2—10829
M33, analysis of neutral H profiles from Cambridge line synthesis 2—20494

Galaxies continued
M33, Wolf-Rayet stars 2—20513
M33 spiral, obs. at 318 and 606 MHz, brightness temp. distribution and radio spectrum 2—37328
M51, high resolution radio continuum survey at 1415 MHz 2—37263
M63, magnitude of supernova on May 20, 1971, revision 2—30485
M81, spiral, gas and dust distribution 2—41060
M82, H I motions in central region 2—4801
M82, obs. at 345μ 2—10969
M82, radio and optical comparison of nuclear region 2—33605
M87, γ-ray obs. 2—4948
M87, jet, obs. of particle density and mag. field inside 2—16959
M87, obs. at 5 GHz 2—13866
M87, X-ray emission obs. and structure of source 2—20634
M87, X-ray flux variations 2—23095
M87 rel. to extended X-ray source in Virgo cluster 2—41058
M_{33}, H I distribution obs. 2—20497
M 31, far u.v. excess in central region possibly due to young main sequence stars 2—16960
M 51 and NGC 5195, high resolution radio continuum survey at 1415 MHz 2—4798
Maffei 1, nebulous objects near centre, confirmation of dust lane 2—20500
Maffei 1, possible identification of two supernova remnants from their radio luminosities 2—10894
Maffei No. 2, intrinsic colour index 2—4800
Magallenic Clouds X-ray emission, 2-7 keV, obs. by Uhuru 2—4806
Magellanic Clouds, 4 colour and $H\beta$ photometric of brightest stars 2—30426
Magellanic Clouds, populous clusters, kinematics and stellar content 2—10910
Magellanic clouds, X-ray observations of discrete sources 2—7382
magnetic field, helical model, studies from pulsar rotation and dispersion measures 2—13952
Markarian, emission line intensities and UBV magnitudes 2—4796
Markarian's second list, low-dispersion spectra, redshifts, absolute magnitudes and space density 2—26624
Markarian 231, Seyfert, emission line spectra 2—37264
Markarian 6, presence of second component of H_2 lines 2—26633
Markarian galaxies, morphological study of thirty objects, spectra 2—33600
mass to light ratios for double spirals, irregulars and ellipticals 2—13856
MCG 12-7-28, peculiar, integral sign shaped, properties 2—5051
metagalactic astronomy, momentum conservation and magnetoid expulsion from QSO 2—13940
Morgan cD supergiant as ghost image in universe of strong positive curvature and inhomogeneous mass distribution 2—13825
N, and quasars, properties, comparison 2—4916
N-type, 3C 371, 3C 390.3, nuclei, compact, polarimetric obs. 2—10929
N-type, photoelectric obs. of stars nearby 2—20554
N-type, Seyfert and compact, time dependence of emission line strengths 2—10840
N-type, unitary classification 2—13844
NGC68-72, star clustering near, fluctuation in foreground star density 2—20587
NGC 1068, nuclei, spectra 2—10823
NGC 1068, Seyfert, circular polarization 2—4944
NGC 1068, Seyfert, circular polarization obs. 2—37334
NGC 1068, Seyfert, systematic velocity, velocity width and HI mass meas. 2—13867
NGC 1068, Seyfert, X-ray emission scans 2—20633
NGC 1068 radio obs. of neutral H at 21 cms., integrated profiles, H and total mass meas. 2—13868
NGC 1265, dynamics of the Perseus cluster 2—20492
NGC 1275, nuclei, compact, polarimetric obs. 2—10929
NGC 1275, Seyfert, X-ray emission scans 2—20633
NGC 185 and 205, elliptical companions of M31, OB stars and dust clouds 2—13850
NGC 253, HI, 21-cm line radio observations, distributions 2—37260
NGC 300 model with disk of cold H, explanation of 21cm obs. 2—23059
NGC 3031, structural characteristics and photometry from equidensity curves 2—10824
NGC 3034, emission-line velocity field 2—33602
NGC 3067, irregular, spectroscopic analysis, mass, luminosity, absolute visual magnitude and interstellar gas component 2—33604
NGC 3227, Seyfert, systematic velocity, velocity width and HI mass meas. 2—13867
NGC 3227 radio obs. of neutral H at 21 cms., integrated profiles, H and total mass meas. 2—13868
NGC 3561, blue condensations associated with, spectral obs. 2—26626
NGC 4038/39, mutual tidal disruptions of two identical systems 2—7379
NGC 4051, Seyfert, systematic velocity, velocity width and Hi mass meas. 2—13867
NGC 4051 radio obs. of neutral H at 21 cms., integrated profiles, H and total mass meas. 2—13868
NGC 4151, hot Seyfert winds 2—33607
NGC 4151, optical and i.r. curves 2—20491
NGC 4151, Seyfert, circular polarization 2—4944
NGC 4151, Seyfert, systematic velocity, velocity width and HI mass meas. 2—13867
NGC 4151, Seyfert, X-ray emission scans 2—20633
NGC 4151 nuclei, compact, polarimetric obs. 2—10929
NGC 4151 radio obs. of neutral H at 21 cms., integrated profiles, H and total mass meas. 2—13868
NGC 4254, supernova spectrum type rel. to broad emission bands 2—41111
NGC 4406, elliptical, mass-luminosity ratio, potential energy of gravitational system with spheroidal symmetry 2—10826
NGC 4486, elliptical, mass-luminosity ratio, potential energy of gravitational system with spheroidal symmetry 2—10826
NGC 4594, giant Sa type, stellar content of nuclei 2—10827
NGC 5128, identification of the nucleus 2—26634
NGC 5128, infrared detection of nucleus, physical and spectral characteristics 2—1947
NGC 5128, radio emission from nucleus, nonthermal source within infrared object 2—1948
NGC 5128, X-ray observations from Uhuru 2—26635
NGC 5195, high resolution radio continuum survey at 1415 MHz 2—37263
NGC 5253, peculiar, 21 cm line obs. 2—37262
NGC 5253, radio continuum, thermal emission 2—4924

Galaxies continued
NGC 5548, nuclei, spectra 2—10823
NGC 5548, Seyfert, emission line intensities and UBV magnitudes 2—4796
NGC 628, 4254, 5194, Sc-type galaxies, energy distributions of nuclei and spiral arms 2—13852
NGC 6438, peculiar interacting system, irregular and SO components 2—7377
NGC 7331, radial velocity measurements of near galaxies 2—13873
NGC 7332, ten line profiles 2—7384
NGC 925, 1073, 3359, 4088, 7741, SBc-type galaxies, energy distributions of nuclei and spiral arms 2—13852
non-velocity redshifts 2—30433
normal spirals, radio emission from supernovae remnants 2—13854
nuclei, collapse, time dependent stability analysis 2—33582
nuclei, compact, polarimetric obs. 2—10929
nuclei, infra-red emission 2—20487
nuclei, luminous, spectroscopic obs. 2—10823
nuclei, luminous, spectroscopic obs. 2—20490
nuclei, study of the continua 2—13865
nuclei of, effects of explosions 2—30425
oscillations along axis symmetry, stability problem 2—30430
peculiar, in southern hemisphere, positions, finding charts and descriptions 2—1944
peculiar, spectral energy distributions of nuclei 2—13861
Perseus cluster dynamics 2—20492
photometry with integrating television 2—7383
PKS 0521-36, photometry, 2—10828
radial velocities from spectrograms 2—26629
radiation, American Astronomical Society, Amherst, USA 1971, conference 2—26623
radio, continuum, origin of emission in spirals 2—4925
radio, cosmological evidence 2—13951
radio, luminosity function at 400 and 2700 MHz 2—4923
radio, mapping the distribution of polarized radiation at 2695 and 8085 MHz 2—26782
radio, models for cosmic evolution 2—17017
radio, optical and radio luminosity functions 2—1966
radio, redshifts, southern sources survey 2—10937
radio, small diameter, linear polarization obs. 2—30521
radio, southern, redshift obs. 2—26769
radio, spectra and time variations 2—13965
radio, spectra between 10 and 10000 MHz 2—13956
radio continuum, positions, and flux densities in continuum 2—4924
radio galaxies, redshifts from spectroscopic observations 2—20488
radio sources, double, morphological difference between those in and out of clusters as evidence for intergalactic medium 2—26609
radiogalaxies, redshift meas. 2—37252
radiosources, redshifts and fluxes 2—1968
red shift in terms of types, magnitudes, diameters, colours and inclinations 2—13846
relaxation times in disk systems, no Vlasov limit, application to galactic structure 2—16958
observation of relict radiation fluctuations to distinguish adiabatic perturbations of material density leading to formation 2—37251
rich clusters, obs. of X-ray emission 2—37339
Sb and Sc, evolution rel. to R-ω sequence 2—13857
Sculptor-like dwarf galaxies near M31 2—10834
self-revolving stellar systems, three-dimens, nonstationary model 2—26601
Seyfert, activity in the nuclei of NGC 4151 and NGC 1068 in the visual and i.r. 2—13864
Seyfert, Balmer lines, effect of flue of relativistic electrons on relative intensity 2—30434
Seyfert, high brightness, circular polarization obs. 2—30522
Seyfert, matter antimatter annihilation as energy source 2—13869
Seyfert, multiple pulsar model 2—20617
Seyfert, N-type, radio emission 2—13959
Seyfert, NGC 4151, photographs and photometry of nucleus 2—20495
Seyfert, NGC 5548, emission line intensities and UBV magnitudes 2—4796
Seyfert, NGC 7469, gas motions in nucleus 2—10836
Seyfert, nucleus expanding source model of radio outbursts 2—4941
Seyfert, photoelectric obs. of stars nearby 2—20554
Seyfert, radiation from, size limitations on thermal and nonthermal models 2—17018
Seyfert, X-ray emission 2—7499
Seyfert, X-ray emission scans 2—20633
Seyfert 3C 120, correlated optical and radio variability 2—23060
Seyfert and normal, core sources, obs. at 1415 MHz 2—4926
Seyfert NGC 1068, nonstellar continuum emission 2—33612
Seyfert NGC 4151 and NGC 5548, Balmer lines 2—13862
Seyfert type, Markarian 9, 10 and 42, physical conditions 2—13863
Small Magellanic Cloud, photoelectric $H\alpha$ surface photometry 2—30424
SO, blue condensations associated with spectral obs. 2—26626
spectra of two galaxies near PKS 2251+11, a quasi- stellar source 2—13845
spiral, distribution of dust and H II regions 2—13881
spiral, mass luminosity ratio and large neutral H mass 2—23059
spiral, mass-energy-angular momentum relation 2—20493
spiral, obs. of mechanism producing, interstellar absorption obs. 2—33640
spiral, radius of maximum rotational velocity 2—10833
spiral and SO, polytropic and isothermal plane symmetric configurations 2—10784
spiral arm patches in Sc-type and SBc-type galaxies 2—13852
spiral arms, gas tumbling motions within 2—20496
spiral structure, computer experiments 2—41066
spiral structure, shock waves as link with interstellar gas 2—20486
spiral waves, Lagrangian derivation of action conservation theorem for density waves 2—37258
spirals, origin and permanence 2—41064
stationary disc, potential solver applic. 2—30431
stellar dynamics, gravitational N-body problem, IAU colloquium, Cambridge (1970) 2—41042
stellar populations, morphological, spectroscopic and photometric characteristics 2—13848
stellar systems, axisymm. pot. field, third integral of motion, soln. by Jeans theorem 2—33592
stellar systems, collisionles, dynamics, numerical integration methods 2—41077
super clustering 2—10837

Galaxies continued
  supergalaxy, cluster Abell 2199 2—7380
  tidally interacting, radio emission 2—7378
  universal X-ray background, neutron stars as sources 2—20625
  u.v. continuum, list of 99 objects including Seyfert galaxies and quasars 2—33599
  velocity-distance relation and the Hubble constant for nearby groups 2—13871
  Virgo A, gamma ray spectra 25-975 keV 2—17026
  Virgo cluster, colour index distribution 2—30427
  Virgo cluster, evolutioary mechanism 2—13872
  Virgo cluster, soft X-ray sources, upper limit to emission 2—20489
  Virgo cluster spirals, Local and M81 groups, absorption effects on apparent luminosities and diameters 2—37256
  X-ray sources 2—33609
  II Zw 14, nuclei, compact, polarimetric obs. 10929 2—10929
  IZw 18 and IIZw 40 dwarf blue galaxies, emission spectra 2—26625
  H I distribution in spiral and irregular galaxies 2—13853
  H II regions and thermal radiation from normal spiral galaxies 2—13882
  He/H abundance ratio, HI and HII regions rel. to galaxy types 2—13928
  NH_3, detection of inversion radiation from non-metastable states, new sources 2—26639
  S II and O I line intensity ratios in nuclei of galaxies, M51 and M81 2—37266
 the Galaxy
  A stars in south galactic cap, UBV photometry 2—30475
  B8-A3 stars distribution near galactic plane, contour maps and space densities 2—13840
  binebulous objects, solid rotation of galactic centre 2—4792
  Carina spiral feature, distribution and kinematics of luminous stars 2—26622
  Carina spiral feature rel. to faint O-B2 stars in southern Milky Way 2—41055
  Cassiopeia, galactic structure, radial velocities and distances by objective prism study 2—37254
  center, γ-ray obs. 2—4948
  central region obs., American Astronomical Society, Amherst, USA 1971, conference 2—26623
  centre, interferometric obs. at 5 GHz 2—10940
  cosmic noise background spectrum down to 200 kHz 2—33598
  cosmic rays, solar modulation, long and short term variations 2—30411
  cosmic X-rays, spectrum and galactic isotropy 2—7502
  diffuse cosmic X-rays, formed by bremstrahlung and inverse Compton radiation 2—26605
  diffuse light obs. through one arm of Milky Way 2—26647
  disk, statistics of absorbing H I concentrations at 21 cm 2—10967
  disk density inhomogeneities damping by drift motions in interstellar medium 2—4903
  early-type stars at high galactic latitudes, UBV photometry 2—13836
  evolutionary model of nucleosynthesis 2—20482
  explosion events in the Galactic Nucleus, observations of high velocity H 2—4787
  faint blue stars in anticentre region, finding charts 2—13839
  gamma radiation, rel. to neutral pion decay 2—10819
  gamma ray spectra of galactic centre 25-975 keV 2—17026
  gamma ray spectrometery, 0.5-5 MeV, using stilbene scintillator detector 2—10822
  gamma telescope, for spectrometry of galactic sources 2—10821
  gamma-ray observations of centre 2—13842
  gaseous component, equilibrium, stability and gas velocities in the solar neighbourhood 2—13841
  gravitational wave antenna response to a polarized source near the Galactic nucleus 2—37236
  gravitational wave sources, upper limit using radiometers directed at galactic centre and Crab Nebula 2—33576
  gravitational waves, synchrotron mode emission near Galactic centre 2—37237
  H, high velocity, as evidence for explosive events in Galactic centre 2—26618
  H I mass, 21 cm obs. 2—26617
  interstellar dust and spiral arms, growth, distribution, chemical composition 2—20598
  i.r. obs. of Sagittarius region 2—26638
  i.r. survey at 100 μ of galactic plane 2—4942
  kinematics, derivation of distribution of hydrogen 2—30421
  light, diffuse, produced by scattering of starlight by interstellar dust, absolute intensity 2—7459
  line emission in diffuse X-ray background, upper limit 2—26606
  low energy γ radiation from galactic centre region, balloon altitude observation 2—23057
  lunar occultation studies of centre region in HI OH and formaldehyde lines 2—4788
  mag. field, mean longitudinal component from pulsar-rotation measures 2—4794
  mass, loss by gravitational radiation 2—37257
  mass models of system 2—30418
  McCormick regions, proper motions 2—30419
  methanol, rest frequency of 36 cm radio line from galactic centre 2—33596
  Milky Way, diffuse galactic light 2—7376
  Monoceros, UBV and Hβ photometry, two faint OB star groups 2—13837
  North Polar Spur, soft X-rays detected 2—20483
  nuclear bulge, UBV photometry 2—30417
  nuclear bulge, UBV photometry centred on NGC 6522, red giants 2—13838
  nucleus, detectability of [Ne II], i.r. obs. 2—26619
  O-B2 stars in Vela, Carina, and Centaurus, distance to spiral features 2—4846
  OB star groupings, UBV and Hβ photometry, relation to HI concentrations and spiral features 2—4888
  Orion Arm, evidence for inter-arm spur of two-arm spiral pattern 2—26621
  Parker's dynamo theory rel. to origin and form of galactic magnetic field 2—37255
  Perseus Arm, cloud distributions 2—4793
  Perseus Arm, shock waves in 2—20486
  Perseus spiral arm, shock formation, density wave theory of spiral structure 2—26616
  plane, 6 cm formaldehyde absorption 2—17020
  Population II stars, evolution, blue field stars of galactic halo 2—26666
  radial velocity distributions of stars and gas in spiral arms 2—20485

Galaxies continued
 the Galaxy continued
  radiosources toward galactic centre, 21-cm. line interferometry 2—33713
  rotation, solar apex, precessional corrections from proper motions by a maximum likelihood method 2—37253
  shocks in interstellar medium with two stable phases 2—33595
  southern Milky Way, blue filament rel. to open clusters distribution 2—26620
  southern Milky Way, interferometric study of region between Carina and Aquila 2—20481
  southern Milky Way, low resolution radio maps rel. to optical surveys 2—33619
  spiral density wave, streaming of interstellar gas and young stars, local linearized velocity field 2—37319
  spiral density waves near inner Lindblad resonance, dispersion relationship refined 2—1946
  spiral density waves near inner Lindblad resonance, speed determination 2—4791
  spiral structure and high velocity clouds in Perseus and outer arms 2—30420
  spiral structure effect on interstellar medium 2—4904
  stellar distributions in high latitudes, four-colour photographic photometery 2—10820
  stellar motions and orbit theory in galactic astronomy, book 2—7374
  structure, interstellar scattering, apparent size of radiosources 2—41057
  structure, southern, deduction from interstellar lines 2—20484
  structure in Cassiopeia region using M and C type stars 2—30422
  sun's position, proper motion 2—4810
  superheavy cosmic rays ($A>81$), production and propagation 2—23055
  survey, 100 μ, of galactic plane 2—4789
  ultrarelativistic cosmic rays, confinement to the Galaxy by long wavelength hydromagnetic waves 2—26604
  X-ray emission from the galactic disk, emission models 2—41056
  X-ray sources, discrete and diffuse, identification with known astronomical objects 2—10978
  X-ray sources near the centre 2—4790
  X-ray sources seen from the southern hemisphere 2—13974
  X-rays, galactic disk component, red dwarf flare stars as possible source 2—10884
  H, neutral high velocity survey in inner region 2—4786
  H I regions in the Scutum arm, kinematic models 2—30416
  H I spur, coincidence with radiocontinuum Loop IV 2—13925
  H_2O emission at 22.23508 GHz associated with OH emission in southern Milky Way 2—33597
  ^1H, ^2H, ^3He, ^4He, cosmic ray propagation, local interstellar spectrum 2—33586
  He content, contribution from pulsationally unstable stars evolving inhomogeneously 2—23072
  OH distribution, correlation with continuum sources and formaldehyde 2—10818
Gallium
  acoustic cyclotron resonance obs., effective masses determ. 2—16127
  anomalous diffusion, in Si, rel. to n^+-p-n struct. prep. 2—9595
  binding energy and lattice constants, pseudopotential calc. 2—40139
  crystal growth and grain boundary migration, optical obs. method 2—39590
  film, struct., elec. cond., rel. to adsorpt. of O_2, Hg and water vapour 2—39511
  film, supercond., thickness depend. of transition temp. 2—13150
  heat switch for liquid He temps. using magnetoresistance effect 2—41359
  liquid, filling of narrow channels in zeolites 2—1384
  liquid, Hall effect measurement by Corbino method 2—1113
  liquid, structure factor and atomic distrib., X-ray diffr. obs. 2—18792
  liquid, supercooled state, diffusion of Zn, 238.5-365 K 2—15582
  liquid, thermal cond., 250 to 550 C 2—15584
  liquid, X-ray examination, correction to neutron diffraction data for inelastic scattering 2—3362
  liquid and solid, Lorenz no., temp. independence 2—40091
  liquid at 20°C, structure functions from X-ray and neutron diffraction data compared 2—15565
  liquid impurity diffusion of tracer ^{115m}In investigated between 73° and 266°C 2—35747
  magnetoresistance, longitudinal, meas. at 20.3K 2—40175
  optical constants, absorpt. spectra, interzone electron transitions 2—10297
  single-crystal superconductor, evidence for selection rule tunnelling presented 2—4161
  superconducting, amorphous, phonon spectra 2—13157
  superconducting, critical mag. fields under press. 2—16173
  superconducting, gap determ. from u.s. attenuation 2—4174
  superconducting transition, length change anisotropy 2—19580
  superconductor, intermediate state, u.s. absorption 2—13158
  supercooled, quasi-elastic neutron scatt. and struct. factor 2—15566
  Bi-Ga binary metallic liquid, obs. of paraconductivity above critical point 2—12576
  CdS:Ga, spectra obs. of structure change dependent on impurity conc. 2—26162
  Ga-$AsCl_3$-H_2 system, thermodynamics, dopant incorporation 2—3530
  Ga-Hg system, shape of coexistence curve near T_c 2—15578
  Ga I spectrum general relations of nf series with Al-I, In-I, Tl-I 2—8438
  β-Ga in silicone oil dispersion, nuclear electric quadrupole resonance 2—37017
  ^{71}Ga, in powder sample, asymmetry parameter detn., n.q.r. obs. 2—7156
  Ge:Ga, P, single cryst. growth, compensated, programmed growth rate 2—3572
  Ge:Ga ion implanted, elec. props. and doping profile 2—25859
  Si:Ga ion implanted, atom location, enhanced diffusion case, He ion backscatt. obs. 2—25438
  ZnTe:Ga, negative photocond.. room temp. 2—33078
Gallium compounds
  alloy, liq., excess free enthalpy of mixing 2—32255
  epitaxial growth rel. to luminescent elements 2—39595
  GaP, cond., surface and contact effects 2—19675
  halides in aqueous solutions, spin-lattice and spin-spin relaxation 2—1120
  Luna 16 soil conc. 2—20664
  thiogallate phosphor, $MGa_2S_4:Ce^{3+}$, Eu^{2+}, luminesc. and struct. 2—26234
  Al-Ga alloy, work hardening curves, solid soln. hardening, Ga influence 2—32702
  Al-Ga dil. alloys, elec. field gradients 2—1732
  Al-Ga dil. alloys, n.q.r., elec. field gradient, conc. depend. 2—10585
  Au-Ga liquid alloys, thermodynamic props. 2—28838

Gallium compounds continued
Au-GaP Schottky barriers, green injection luminesc. 2—13523
Cu-Ga, quenched hypereutectoid alloy, microstructure 2—9580
Cu-Ga solid solution, anelasticity, stacking fault energy effect 2—9636
$CuGa_2$, cryst. struct. and electron correlations 2—19048
Fe-Ga, temp. depend. of hyperfine field at Fe atom, Mossbauer obs. 2—33222
Fe-Ga alloy, hyperfine field at Fe atoms, temp. depend. 2—16437
Fe-Ga alloys, metastable, BiF_3-type ordering, Mossbauer obs. 2—13446
Fe-Ga metastable alloy, BiF_3-type ordering, Mossbauer obs. 2—33225
Fe-Ga solid solution, hyperfine mag. interactions, Mossbauer obs. 2—33224
G-Al alloy, quadrupolar interaction. electric field gradient, n.m.r. obs., 1.4K 2—22839
Ga-Ag(Au)(Cu) system, 3/2 electron cpds., thermodynamic props. 2—39934
Ga-Cu, solid soln., internal friction rel. to temp., dislocation interactions 2—15804
Ga-GaAs-GaP, phase diagram, liq.-solid curve, expts. and calcs. 2—22034
Ga-M, M=Au, Ag, Cu, thermodynamic props. for solid and liquid solns. 2—32730
Ga-Sb-Se system, stratification region 2—35845
(GaAl)As, injection laser, double- heterostructure, pulsation due to lateral optical coupling 2—7939
$Ga_{1-x}Al_xAs$, ion implantation of GaAs, electroluminescent emission spectrum obs. 2—9585
GaAsP:N, indirect semiconductor, stimulated emission and laser operation (cw, 77K) associated with deep isoelectronic traps 2—17635
$GaAs_{1-x}P_x$:Se, epitaxial, cathodoluminesc. assessment for light emitting diodes 2—10459
$GaAs_{0.6}P_{0.4}$, pn-Schottky hybrid cold cathode diode 2—13353
$GaAs_{1-x}P_x$, indirect gap, no phonon and phonon assisted exciton absorp. 2—36880
$GaAs_{1-x}P_x$, photoluminesc. spectra 2—10440
$Ga_{0.12}As_2Se_{3-x}Te_x$, glassy, I-V characts., chem. comp. influence, switching 2—13229
$GaCl_3$-CsCl moleten mixture, Raman study of melt structure 2—28864
$GaCl_3$, powder sample, n.q.r. obs. 2—7156
GaD spectrum, structure of $A^1\Pi$-$X^1\Sigma^+$ transition measured and analysed 2—12126
$Ga_xFe_{3-x}O_4$, $GaNiFeO_4$, ferrimagnets, n.m.r., spin echo spectra of ^{57}Fe, 4.2K 2—10547
GaH, Franck-Condon factors and r-centroids of A-X band systems 2—3028
GaH spectrum, structure of $A^1\Pi$-$X^1\Sigma^+$ transition measured and analysed 2—12126
GaI_3-Ar discharge, positive column, number density of atomic Ga, radial distrib. 2—12465
GaInAs (Cs,O), photocathode, interfacial effects, thermally assisted emission 2—19807
$Ga_xIn_{1-x}P$ alloys, energy band struct., electrorefl. obs. 2—33238
$Ga_xIn_{1-x}P$, alloy, crystal growth from solution 2—3578
$Ga_xIn_{1-x}P$, heteroepitaxial growth, PCL_3 reaction 2—19015
$Ga_xIn_{1-x}P$, photoluminesc., band struct. determ. 2—10422
$Ga_xIn_{1-x}P$ alloys, band struct. 2—22550
n-$GaInS_3$, photocond. and photoluminesc. 2—6903
$Ga_xIn_{1-x}Sb$, growth and properties 2—19002
GaN blue light-emitting diode 2—36962
GaN epitaxial layers, photolum., carrier conc. depend. 2—36928
GaN film, prep. from trimethylgallium 2—12659
GaN film, r.f. sputtered, elec. and optical props. 2—18937
β-Ga_2O_3, growth by floating zone method and mech. props. 2—29098
GaP:B, optical absorpt. by lattice and local vibrs. 2—1690
GaP:B, radiation damage centre, local mode absorpt. 2—29167
GaP:Be,(Mg)(Zn),O, luminescence 2—10421
GaP:C, acceptor concs., ioniz. energy 2—25845
n-GaP:Fe, electron traps, e.p.r. and Hall coeff. obs. 2—40251
GaP:MgO complex, yellow-orange bound excitonic transition 2—36941
GaP:N, epitaxial, efficient yellow luminesc. 2—7092
GaP:N, undulation spectra, rotational levels of shallow acceptor states 2—33304
GaP:O, liquid phase epitaxial growth, on oxygen incorporation, rel. to luminesc. props. 2—39593
GaP:Si, bound excitons, and donor ground state, optical study 2—36530
GaP:Si,O, i.r. absorpt. spectra, localized phonon excitation, donor electron excitation 2—20037
GaP:Te, dynamic nuclear polarization at 27 K 2—36804
GaP:Te, Zn, epitaxial single cryst., Hall mobility and resistivity obs. 2—40255
GaP:Zn-O:N, indirect semiconductor, stimulated emission and laser operation (cw, 77K) associated with deep isoelectronic traps 2—17635
GaP:Zn, impurity-to-band activation energies, conc. and temp. depend. 2—10057
GaP:Zn, O, luminesc., minority carrier lifetimes and Zn-O centre conc. 2—4478
GaP:Zn,O, annealing effects on luminesc. props. 2—26233
GaP:Zn,O, recomb. centres characteriz. from photoluminesc. temp. depend. 2—29951
GaP:Zn,O growth from nonstoichiometric melt, red photoluminesc. 2—7098
GaP-GaAs, electrolum. and elec. props., donor conc. effects 2—29993
GaP-GaAs alloy layers, comp. and growth rate, deposition temp. influence 2—39509
GaP-GaAs mixed crystal, reson. Raman scatt. 2—22786
GaP-GaAs solid solution, cryst. growth from melt 2—12700
GaP-ZnS(Se) p-n heterojunction, prep. and I-V characts. 2—29720
GaP, amorphous, complex dielec. const. calc. 2—26105
GaP, amorphous state, produced by ion bombardment, Raman spectra obs. 2—26186
GaP, annealing behaviour after Ne^+ irrad. 2—25374
GaP, band struct., interband transitions and excitonic effects 2—10044
GaP, band struct. 2—29593
n-GaP, chem. polishing by etching soln. 2—32340
GaP, cryst. symmetry shown by alloyed contact shapes 2—29082
GaP, crystalline and amorphous, density of states calc. 2—10049
GaP, diffusion of Be, profiles and coeffs. determ 2—25444
GaP, discrete pair line emission from Ge donor and acceptor 2—36929
GaP, dispersion of surface polaritons 2—33233
GaP, donor-electron transitions assoc. with cond. band minima 2—6832

Gallium compounds continued
GaP, dynamical Jahn- Teller interaction effects on e.p.r. of shallow acceptors 2—7119
GaP, electrolum. diode material, struct. defects 2—29992
GaP, electronic structure, empirical pseudopotential method 2—16225
GaP, enhanced indirect optical absorpt., direct band gap 2—33252
GaP, epitaxial, minority carrier diffusion length, impurity conc. depend., Schottky diode photocurrent obs. 2—29670
GaP, epitaxial p-n junc., X-ray obs. misfit dislocations 2—4248
GaP, extrinsic minority carrier lifetime meas., electroluminesc. 2—26249
GaP, high purity, cryst. growth 2—12694
GaP, i.r. generation by coherent excitation of polaritons 2—16458
GaP, indirect band gap semiconductor-containing isoelectronic traps, observation of super radient laser emission 2—11489
GaP, indirect phonon-assisted two-photon interband transitions 2—22754
GaP, ion implantation of Bi, hot-implant behaviour 2—25432
GaP, light-emitting diodes, degradation reduction by chemical passivation 2—7105
GaP, light emitting diode material, cathodoluminesc., scanning elec. microscope obs. 2—22813
GaP, localized vibr. modes of light impurities 2—13025
GaP, low energy exciton state parameters, 77-300K 2—9918
p-GaP, luminescence spectrum, phonon lines and bands 2—20096
GaP, nonlinear susceptibility, relative meas. and detn. of absolute value 2—40597
GaP, orange luminesc. spectrum with V_{Ga}-O_p centre 2—16606
GaP, orientation of low-indexed faces, optical determ. 2—39571
GaP, photocond. and photovoltage, wavelength modulation 2—33074
GaP, polariton dispersion and damping, temp. depend., nonlinear spectra 2—4463
GaP, radiation damage due to implantation 2—25373
GaP, Raman reflection spectra 2—40693
GaP, reflectivity and log. derivative between 2.5 and 6.0 eV 2—22765
GaP, semiconductor, indirect-band-gap, two-photon transition 2—22753
GaP, vapour phase epitaxy and defects 2—29032
GaP, zone melted, Zn distrib. determ. 2—1258
GaP diode, technology and electroluminesc. props. 2—29994
GaP dynode, secondary emission yield 2—6935
GaP epitaxial layer, doping gradient, C-V characts. 2—22222
GaP epitaxial layer perfection, substrate prep. influence 2—25199
GaP film, forbidden band width, absorption. spectra, refractive index 2—1691
GaP heteroepitaxial films on sapphire, crystalline nature characterization 2—32368
GaP layers on Ge substrates, autodoping effect 2—36507
GaP light emitting diode, neutron damage 2—20094
GaP p-n junction material, minority-carrier diffusion length 2—6815
GaP p-n junctions, excess current- and luminescence-noise 2—22581
GaP red emitting diodes, injection and quantum efficiencies 2—33328
GaP thin films, Raman spectra, as technique for structure and composition analysis of films 2—29933
GaP whiskers, growth and morphology 2—9294
GaP(Zn,O), impurity absorpt. 2—22797
GaP(Zn,O), liquid encapsulation Czochralski grown, luminesc. and doping characts. 2—22798
GaS-TlS system, phase diagram, and cpd. formation 2—29498
n-GaS, epitaxial growth on p-GaS, vapour phase chemical transport 2—3590
n-GaS, hopping cond. 2—13231
GaS, n- and p-type, band scheme from dark cond. obs. 2—29669
GaS, optical consts., temp. modulation 2—10346
GaS crystal, dark cond., temp. depend. 2—25818
Ga_2S_3, dissoc. energy and pressure, 1129- 1304 K 2—30047
$Ga_2S_3(Se_3)(Te_3)$, refl. spectra, band struct. determ. 2—29898
p-GaSb:Si, photoluminesc., shallow acceptor obs. 2—7090
GaSb:Te, conduction band, Hall and conductivity obs. 2—4225
GaSb:Te, Hall coeff., mobility, and resistivity, from thermal cond. data 2—22532
GaSb:Te, phonon scatt. at low temp. 2—22533
GaSb:Te(Zn), correl. between electronic struct. and phys. props. 2—29666
GaSb:Zn, low temp. phonon thermal cond., role of density of states effective mass 2—40092
GaSb, acceptor states, effective mass approx. 2—19670
GaSb, amorphous, complex dielec. const. calc. 2—26105
GaSb, band struct., interband transitions and excitonic effects 2—10044
p-GaSb, cryst. growth, carrier conc. reduction 2—25273
GaSb, crystalline and amorphous, density of states calc. 2—10049
p-GaSb, doped, thermopower temp. depend. 2—16306
GaSb, elastic constants, temp. depend., pulse echo obs. 2—19156
GaSb, energy relax. time, microwave harmonic mixing and transport phenomena obs. 2—19644
GaSb, Fe and Co impurity distrib. 2—25274
GaSb, high field transport props., Faraday rotation obs. 2—32978
p-GaSb, lattice thermal cond., 2 to 20 K 2—25694
GaSb, p-n junc., carrier conc. and thermal e.m.f. in p-region 2—1540
GaSb, photoelectric emission and reflectivity, 7.7 to 25 eV, band struct. obs. 2—19808
p-GaSb, photoluminesc. under uniaxial compression, impurity levels 2—4477
n-GaSb, piezo-Hall effect, cond. band obs. 2—10013
GaSb, Si and S impurities, microanalysis by direct obs. of resonant nuclear reactions 2—10681
GaSb, sputtering of single crystals, with inert gas ions, sputtered elements spatial distrib. 2—1441
GaSb, stress-induced shifts of Raman freqs. 2—20057
GaSb, stress-modulated magnetoreflectivity, band parameters 2—33234
p-GaSb, ultrasonic attenuation, pulse echo method, microwave freq. 2—16026
GaSb, wavelength modulation spectra, rel. to band struct. 2—1692
GaSb amorphous film, tunnelling, effect of temp. and doping 2—19647
GaSb amorphous state, produced by ion bombardment, Raman spectra obs. 2—26186
GaSb epitaxial layers on same substrate by liquid phase crystallisation 2—3529
GaSb optical props., interband transitions 2—36857
GaSb resistance thermometers, for 2 to 100°K range 2—17456
GaSe:Sn(Ge)(Cu)(I), photocond., photolum., recombination centres 2—7093
GaSe, absorpt., 1.8-4.2 eV, excitonic effect 2—29939

Gallium compounds continued

GaSe, absorpt. spectra, absorpt. near fund. edge due to two dimens. excitons, 4.2 K 2—20036

GaSe, electroabsorp. in the hyperbolic exciton region 2—33262

GaSe, electron beam induced luminesc., exciton-exciton interaction 2—20115

GaSe, electroreflectance in higher interband transition region 2—40647

GaSe, energy band struct. 2—6830

β-GaSe, layer compound, interlayer bonding, lattice vibr., i.r. and Raman obs. 2—25663

GaSe, layer semicond., elec. and optical props. 2—10016

GaSe, layer type semicond., exciton binding energy from absorp. spectra 2—10380

GaSe, layered, resist. changes due to decomp., switching effects 2—32991

GaSe, optical consts., temp. modulation 2—10346

GaSe, semiconductor, shift of X-ray K absorption edges 2—29944

GaSe, vacuum deposited thin films, structural props., influence of substrate temp. and deposition rate 2—3532

$Ga_{1-x}Se_x$, structural investigation, powder and single cryst. X-ray obs., Ga_3Se_2 found 2—35973

Ga_2Se, indirect optical transitions, electroabsorp. obs. 2—33261

Ga_3Se_2, in structural investigation of $Ga_{1-x}Se_x$, powder and single cryst. X-ray obs. 2—35973

GaSe(s) layer, thermoreflectance spectra, 77K, Kramers-Konig analysis 2—36858

GaTe, electroabsorption spectra, band gap and exciton role detn. 2—20038

GaTe, layer type semicond., exciton binding energy from absorp. spectra 2—10380

Ga_2Te_3, elec. cond., impurity conc. and temp. depend. 2—10014

In-Ga-P, phase diagram, rel. to epitaxial growth of $In_xGa_{1-x}P$ 2—9837

In-Ga-P ternary phase diagram 2—36295

In-Ga-Sb, pseudobinary phase diagram, rel. to epitaxial growth of $In_xGa_{1-x}Sb$ 2—9836

In-Ga liq. alloy, thermal cond. and Lorenz number 2—18816

In-Ga system, thermodynamics and phase diagram 2—15984

$In_{1-x}Ga_xP$, radiative recomb. processes, band transitions 2—7091

$In_{1-x}Ga_xP$, photoluminesc. assoc. with multivalley resonant states of N isoelectronic trap 2—26219

$In_xGa_{1-x}P$, phase diagram for In-Ga-P system, rel. to epitaxial growth 2—9837

$In_xGa_{1-x}Sb$, phase diagram for In-Ga-Sb system, rel. to cryst. growth 2—9836

Ir-Mn-Ga system, struct. and mag. props. of Ir_2MnGa 2—33134

$NH_4)_2SO_4.Ga_2(SO_4)_3.24H_2O$, of Cr^{3+}, satellite line obs. 2—10512

Nb_xGa_{1-x} alloy, upper critical fields 2—25789

Ni-Ga, ferromag. alloy, n.m.r. study, localization of excess electrons around solute atoms 2—4558

Ni_3Ga, yield stress, anomalous temp. depend. 2—3870

Ni_3Ga alloys, nearly-ferromag., low temp. sp. ht. rel. to clustering and spin fluctuations 2—19856

Pd-Zn-Ga system, distorted CuZn struct. 2—29465

Pu-Ga-Cu(Ni) systems, unit cell parameters, X-ray diffr. 2—15730

Pu-Ga alloy, plastic deformation, strength rel. to working temp. and homogeneity 2—15839

Sb_2S_3-SbI_3-Ga, glass forming region detn. 2—39441

Ti-Al-Ga, ordered phase formation, elec. microscope obs. 2—9774

V-Mn-Ga system, cryst. struct. of $(V,Mn)_2Ga_5$ 2—39655

V_3Ga, high-field superconductor, pulsed-field meas. rel. to metallurgical processes 2—25790

V_3Ga solid solns., atomic struct. and supercond. 2—9496

ZnTe-GaSb, p-p heterojunc., elec. and optical props. 2—10087

gallium arsenide

see also Semiconducting materials/gallium arsenide

absorption edge, influence of sample surface state 2—1689

adsorption of O_2-, vacuum cleaved surface, LEED study 2—3561

amorphous, Raman spectra, density of vibr. states detn. 2—16541

charge transfer in shell model 2—22383

crystal, non-stoichiometry, precision lattice parameter obs. 2—6434

crystal growth, from solution 2—1207

crystals, effect of etchants in the optical polishing suspension 2—6313

Czochralski growth, temperature field and thermal stress field effects on disloc. struct. form. 2—32520

diffusion of Zn 2—32562

disturbed layer structure 2—36010

electrical characterization using Hall, magnetoresistance measurements 2—33009

electroluminescent diode, optical matching methods 2—11523

electron microscope sample prep. for transmission mode expts. 2—19032

epitaxial, characterization using Schottky barriers 2—33010

epitaxial film, elec. props., effect of prep. conditions 2—35894

epitaxial films on spinel, crystalline nature characterization 2—32368

epitaxial growth, vapour, liquid phase methods, growth conditions, mechanisms 2—32401

epitaxial layer growth, single crystal, stacking faults-free 2—3533

epitaxial layers, faceted surface defect formation 2—25200

e.p.r. of doped single cryst., h.f.s., forbidden doublets 2—10505

film, heteroepitaxial growth on insulating substrates 2—39510

films, epitaxial growth from gaseous phase and solution 2—3528

Franz-Keldysh effect anisotropy 2—10379

injection laser, anisotropy of active field and radiation polarisation 2—27525

injection laser, room temp. operation, high pulse repetition freq. 2—27523

ion implanted, anomalous diffusion of defects 2—25445

ion implanted, lattice damage 2—25372

i.r. absorpt. bands due to localized vibrs. of B and C 2—33263

laser, use in optical computer memory 2—1665

liquid phase epitaxy 2—25201

modulating crystal reduction of half-wave voltage 2—10294

optical waveguiding in proton implanted GaAs 2—38100

phonon conductivity, 2-300K 2—4079

photoluminescence, crystal quality evaluation 2—4475

Raman freqs., stress-induced shifts 2—20057

reststrahlen spectrum, stress effect 2—33284

sputtering of single crystals, with inert gas ions, sputtered elements spatial distrib. 2—1441

substrate for heteroepitaxial Ge film growth, stress, orientation, thickness effects 2—3534

surface, electron characteristic loss spectrum, fine struct. 2—6330

Gallium compounds continued

gallium arsenide continued

X-ray and neutron scattering by non-thermal phonon groups, obs. 2—4034

GaAs:Al(P), implanted, i.r. localized vibr. mode absorpt. 2—13474

GaAs:Co, absorp. spectra, optical transitions from valence band to acceptor states 2—33260

GaAs:Cu, impurity vibrs. of defect complexes 2—36316

GaAs:Sn, Ge, Mg molecular-beam epitaxy, surface structure observation, electrical and optical evaluation of layers grown 2—3553

GaAs-AlAs heterojunction injection laser, internal parameters at 300K 2—37992

GaAs-AlAs injection laser, stimulated emission threshold dependence on duration of pumping current 2—37997

GaAs-AlAs mixed crystals, solution growth technique 2—18939

GaAs, coiled crystal growth, open tube chloride method 2—18981

$GaAs_{1-x}P_x$, prep. from melt 2—12700

$GaAs_xP_{1-x}$ layers, comp. and growth rate, deposition temp. influenee 2—39509

GaP films, epitaxial growth from gaseous phase and solution 2—3528

Galvanomagnetic effects *see Magnetoelectric effects*

Galvanothermomagnetic effects

semiconductor, heavily doped, low temp. effects for weak mag. field 2—40269

semiconductor, heavily doped, thermoelec. effect, weak mag. field depend., calc. 2—40268

semiconductor, III-V cpds., hot electron transport props., low temp. 2—19779

semiconductor, nondegenerate, magnetothermoelec. power 2—29651

Bi, low field thermomag. power tensor 2—25945

Bi, thermomag. power tensor and Umkehr effect 2—22633

$Bi_{1-x}Sb_x$ solid solns., figure of merit 2—13336

$Hg_{1-x}Cd_2Te$, det of nonuniform thermal gradients using liquid crystals 2—34225

Gamma-ray astronomy *see X- and gamma-ray astronomy*

Gamma-ray sources *see Gamma-rays*

Gamma-ray spectra

see also Nuclear decay theory

^{194}Au decay, exptl. investigation 2—11805

$(n,n'\gamma)$ reaction, in ^{27}Al, ^{51}V, ^{52}Cr, ^{55}Mn, ^{56}Fe, ^{93}Nb, ^{208}Pb and ^{209}Bi, gamma spectra and cross sections 2—11839

absorber distorting effects on semicond. and scintillation spectra 2—38370

automatic analysis using computer program LICY, in FORTRAN IV 2—14736

capture spectra in reactor, determ. of heat distrib. in core 2—38737

computer evaluation, ALGOL 60 programs 2—30105

computer program for gamma spectrometric analysis 2—21407

cosmic origin, flux variation meas. as function of geomagnetic latitude and altitude 2—41016

digital computer analysis 2—2641

doubly even actinide nuclei, prod. by α-decay deduced level energies of ground state rot. by bands 2—11780

energies and intensities of gamma radiation from thermal neutron capture in ^{50}Ti and ^{64}Ni 2—28050

from Galaxy, rel. to neutral pion decay10819 2—10819

mathematical smoothing, obs. of distortion caused 2—17991

neutron capture cross section in F, Mg, Al, Si, P and S from 20-80 keV, γ-ray spectra meas. 2—28047

nuclei, ML γ-transitions, single particle relativistic approach 2—31434

reactor fuel, fission product release performance, post-irrad. exam. techniques 2—38761

reactor fuel, post-irrad. exam., sampling methods 2—38756

reactor fuel, post-irrad. exam. techniques at Studsvik 2—38750

reactor fuel elements testing 2—38759

reactor fuel pins, automated system for gamma scanning 2—38762

reactor fuel post-irrad. exam. facilities 2—38751

of reactor fuels which have been irradiated 2—8410

from relativistic electron bremsstrahlung interactions 2—10787

resolution improvement 2—474

smoothing of spectra obtained by Ge(Li), useful for statistically unreliable measurements 2—2619

spontaneous fission fragments of ^{252}Cf 2—31611

thermal neutron capture in natural and ^{39}K enriched potassium, γ-rays detected with Ge(Li) spectrometer 2—18207

time dependent, vector anal. 2—40862

transverse momentum distribution of photons produced in p p collisions 2—11637

$(n,n'\gamma)$ reaction on nuclei with A = 11-40, analysis of γ-ray spectra 2—35045

μ^- capture in heavy elements, post-capture emission 2—5688

pp collisions, at c.m. energies 30 to 50 GeV 2—17962

$^{138*}Pr \rightarrow ^{138}Ce$, determ. of spectrum 2—480

$^{112}Ag \rightarrow ^{112}Cd$ decay, rel. to assignment of ^{112}Cd level scheme 2—21413

^{110m}Ag decay, identification of weak transitions 2—28007

^{102m,g}Ag decay, 8 min and 13 min isotopically separated samples, meas. γ ray spectra and $\gamma\gamma$ coincidences 2—14964

^{104m,g}Ag decay to levels of ^{104}Pd, meas. γ-ray spectra and $\gamma\gamma$ coincidences 2—18168

Al(n,γ), 15 MeV, meas. of γ-ray spectra and differential 80° cross sections for discrete γ-ray line production 2—31555

^{68}As separated from ^{68}Se produced in ^{59}Ni(^{12}C,2n) reaction, assignment of γ ray transitions 2—38538

^{75}As, level scheme obtained from meas. of deexcitation γ rays from inelastic neutron scattering 2—11750

^{75}As circular polarization of 401 keV γ ray determ. 2—11776

^{209}At decay scheme 2—21415

^{202}Au, emission meas. from beta counting expt. 2—34992

^{129}Ba decay, meas. γ-spectra with Ge(Li) and scintillation detectors deduced ^{129}Cs level scheme 2—18163

^{203}Bi decay, high resolution γ-ray studies, conversion coeffs. for transitions in ^{203}Pb 2—34993

^{204}Bi decay, high resolution γ-ray studies, conversion coeffs. for transitions in ^{204}Pb 2—34993

$^{75}Br \rightarrow ^{75}Se$ decay, rel. to ^{75}Se level scheme determination 2—24164

^{86}Br, ^{87}Br γ-rays differentiated 2—5674

^{87}Br, β decay, γ ray emission in competition with neutron emission 2—18160

^{12}C γ-ray decay of 15.11 MeV t=1 state, determ. branching intensities 2—24144

Gamma-ray spectra continued
Ca, A=40, 42, 44, following neutron capture 2—2788
^{40}Ca(n,$\alpha\gamma$)^{37}Ar, $4.85\leqslant E_n\leqslant 8.05$ MeV, meas. 2—38615
^{40}Ca(n,n$'\gamma$)^{40}Ca, $4.85\leqslant E_n\leqslant 8.05$ MeV, meas. 2—38615
^{40}Ca(n,pγ)^{40}K, $4.85\leqslant E_n\leqslant 8.05$ MeV, meas. 2—38615
^{43}Ca, γ-decay schemes of resonance states produced in ^{41}K(p,γ) reaction 2—14945
^{43}Ca(n,γ)^{44}Ca, assignment of transitions to levels on ^{44}Ca 2—24158
^{141}Ce decay, $\beta\gamma$ correlatoon investigated using Compton backscattering to determ. circular polarization of γ-rays 2—14967
^{252}Cf, fission fragment γ-ray transitions, X-ray γ-ray coincidence study 2—2830
^{34}Cl levels, populated by γ ray decay of resonances in ^{33}S(p,g)^{34}Cl reaction 2—11733
^{35}Cl (γ,p) and (γ,n) reactions at 30 MeV, meas. of de-excitation γ-rays in residual nuclei 2—38569
^{246}Cm, rel. to electron binding energy calc. 2—11784
^{64}Cu, level decay following thermal neutron capture in natural copper 2—14939
^{68}Cu isomer decay, meas. β- and γ-ray intensities γ-γ, β-γ coincidences, level structure of ^{68}Zn 2—38539
^{19}F (γ,p) and (γ,n) reactions at 30 MeV, meas. of de-excitation γ-rays in residual nuclei 2—38569
^{53}Fe, Ge(Li) spectrum measured in coincidence with neutrons for ^{50}Cr(α,nγ) reaction 2—11748
^{56}Fe (p, nγ) ^{56}Co, coincidence expts. in 7.7-10 MeV range, meas. γ-ray spectra, deduced levels in ^{56}Co 2—24223
^{59}Fe, level transition scheme proposed, ^{58}Fe(n,γ)^{59}Fe ob. 2—5702
^{153}Gd, K capture, sum-peak coincidence 2—481
^{153}Gd from ^{152}Sm(α,3nγ), high-spin states study 2—18128
^{154}Gd, 693 keV $2^{+\prime}\rightarrow 2^{+}$ transition, correlation and conversion coefficients determ. 2—2725
^{154}Gd from ^{152}Sm(α,2nγ), high-spin states study 2—18128
^{156}Gd, γ-γ directional correlation meas., M1 admixtures of transitions 2—31487
^{4}He, radiative pion capture, peak in spectrum caused by transitions to broad 2^{-} and 1^{-} resonances 2—11848
^{199}Hg, $13/2^{+}$ isomeric state decay modes determ. gamma-ray spectra obs. 2—5668
^{203}Hg→^{203}Tl, β-γ directional correlation measurement for transition reveals parity violation in ^{203}Tl 2—11806
^{131}I, investigation of 636.3 and 722.9 keV transitions, spin and parity assignments made 2—479
^{136}I, 45 sec and 83 isomers decay schemes 2—34990
^{140}La, β decay, determ. γ-ray transitions and internal conversion coefficients 2—18121
^{7}Li(d,γ)^{9}Be, 361 keV, deduced branching ratios to ^{9}Be levels 2—502
^{24}Mg, energies, branching ratios, lifetimes, γ-ray transition, strengths of levels populated in ^{23}Na(p,γ) reaction 2—38591
Mg(n,γ), 15 MeV, meas. of γ-ray spectra and differential 80° cross sections for discrete γ-ray line production 2—31555
^{53}Mn, decay scheme and excitation energies determ. from ^{53}Cr(p,nγ) reaction 2—11747
^{95}Mo(n,γ)^{96}Mo, with thermal, 2 keV and 25 keV neutrons 2—14991
^{97}Mo(n,γ)^{98}Mo, with thermal, 2 keV and 25 keV neutrons 2—14991
^{23}Na, low-lying $K^{\pi}=\frac{1}{2}^{-}$ band, determ. γ-ray decay lifetime and branching ratios 2—24151
^{23}Na (γ,p) and (γ,n) reactions at 30 MeV, meas. of de-excitation γ-rays in residual nuclei 2—38569
^{88}Nb→^{88}Zr decay, rel. to ^{88}Zr level scheme determination 2—21389
^{91}Nb, γ-γ coincidence spectra, ^{91}Zr(p,nγ)^{91}Nb study 2—2715
^{138}Nd→^{138}Pr, determ. of spectrum 2—480
^{144}Nd, following neutron capture in ^{143}Nd 2—34960
^{62}Ni(n,γ)^{63}Ni, with thermal, 2 keV and 25 keV neutrons 2—14991
N(n,γ), 15 MeV, meas. of γ-ray spectra and differential 80° cross sections for discrete γ-ray line production 2—31555
O(n,γ), 15 MeV, meas. of γ-ray spectra and differential 80° cross sections for discrete γ-ray line production 2—31555
^{193}Os, rel. to isomerism investigation 2—18144
^{28}P from ^{28}Si(p,nγ) at 23 MeV 2—14986
^{234m}Pa and ^{234}Pa daughters with ^{238}U source, precision meas. 2—11781
^{198}Pb from ^{203}Tl(p,6n) 2—18146
^{200}Pb from ^{203}Tl(p,4n) 2—18146
^{201}Pb→^{201}Tl, γ-rays obs., conversion coeffs. calc. 2—2734
^{207}Pb(n,γ), 2 keV capture, absolute cross sections determ. from prompt γ-ray spectrum 2—11845
^{152}Pm isomers 2—31507
^{238}Pu, hard γ radiation associated with α decay, revised decay scheme 2—11810
^{77}Rb decay spectra of neutron deficient isotope produced in ^{63}Cu(^{16}O,2n) and ^{59}Co(^{20}Ne,2n) reactions 2—34989
^{88}Rb→^{88}Sr, 17.8 min, meas. γ-γ angular correlations of four cascades, level structure of ^{88}Sr 2—28006
^{184}Re→^{184}W, decay, energies of levels in ^{184}W 2—482
^{186}Re, K capture, sum-peak coincidence 2—481
^{104}Rh, 43 sec and 4.41 min isomers, β^{-} decay to excited states of ^{104}Pd 2—34955
^{93}Ru→^{93}Tc, γ ray decay, energy levels in ^{93}Tc studied 2—38545
^{32}S, energies, branching ratios, lifetimes, γ-ray transition strengths of levels populated in ^{31}P(p,γ) reaction 2—38596
Sb (A=126, 128, 130), rel. to construction of scheme for beta decay to Te(A=126, 128, 130) 2—11799
Sb isotopes, after reson. neutron capture 2—31561
^{128}Sb 8.9h, β- decay, meas. of γ-ray and conversion electron spectra, ^{128}Te deduced levels 2—34959
^{43}Sc, lifetimes of levels populated in ^{40}Calα, pγ) reactions, determ. γ-ray branching ratios, transition strengths 2—18103
^{68}Se produced by ^{59}Ni(^{12}C,2n) reaction, separation of ^{68}As, assignment of γ ray transitions 2—38538
^{27}Si from ^{27}Al(p,nγ) at 16 MeV 2—14986
^{29}Si(p,γ)^{30}P, E_p=2-3 MeV 2—31460
^{30}Si decay studied by ^{27}Al(α,pγ) reaction, meas. of branching ratios and lifetimes 2—34986
^{125}Sn→^{125}Sb, 9.7 min, meas. γ-γ angular correlations of five cascades, level structure of ^{125}Sb 2—28006
^{92}Sr→^{92}Y, gamma-ray spectra, half-life obs. 2—2748
Ta neutron capture γ-ray yields 2—28051
^{175}Ta→^{175}Hf, rel. to decay scheme derivation 2—11803
^{181}Ta(^{14}N,5n)^{190}Hg reaction 2—38523
^{182}Ta decay, 32 transitions inc. new transition at 1180.9 keV 2—31509

Gamma-ray spectra continued
^{150}Tb, new 5.8 min isomer, β decay to ^{150}Gd excited states 2—31506
^{94}Tc decay,,meas. of delayed γ-rays, comparison with data on ^{94}Mo levels indicate isomeric $(g_{9/2})^2$ proton state 2—14960
Te, ground and metastable state isomers 2—2719
^{48}Ti(n,γ)^{49}Ti, with thermal, 2 keV and 25 keV neutrons 2—14991
^{203}Tl, circular polarization of 279 keV γ ray determ. 2—11776
^{204}Tl, nuclear energy level scheme analysis 2—2737
^{170}Tm, rel. to radiative constants 2—24172
^{171}Tm, transitions following β-decay of ^{171}Er, multipolarity and energy meas. 2—34970
^{238}U, neutron capture spectra, comparison of calc. and meas. yields 2—8346
W neutron capture γ-ray yields 2—28051
^{182}W, magnetic moments of two excited states determ. by perturbed γ-γ angular correlation meas. in external mag. field 2—27990
^{90}Y, levels up to 3.2 MeV study from ^{89}Y(d,pγ) and ^{87}Rb(α,nγ) 2—18112
^{93}Y, decay, level scheme determ. for ^{93}Zr 2—38505
^{94}Y→^{94}Zr decay, meas. energies, intensities and $\gamma\gamma$coincidences 2—2749
^{167}Yb 18 min., decay to ^{167}Tm deduced level scheme from meas. of spectra and γ-γ coincidences 2—472
^{64}Zn foils bombarded with ^{3}He at 22.2-43.4 MeV, γ-ray spectra meas. with Ge(Li) detector 2—24239
^{90}Zr, inelastic neutron scatt., γ-ray emission 2—2783

Gamma-ray spectrometers
see also Beta-ray spectrometers; X-ray spectrometers
absolute dosimetry by recoil electron spectroscopy 2—5579
air borne, volume of material viewed 2—22903
calibration and calc. of recording efficiency by cylindrical crystal 2—31349
dual parameter systems, calibration and use on lunar geochemical samples 2—18000
high rate system for use with Ge(Li) coaxial detector 2—27850
Mossbauer, 'simultaneous' accumulation of standard and unknown spectra 2—17156
Mossbauer, automatic constant velocity 2—38355
Mossbauer, design and performance 2—21321
Mossbauer, doppler drive design 2—14743
multichannel analyser, dead time correction to composite gamma-ray spectrum 2—8220
radioactivity analysis 2—7197
remote sensing of Th, U and K in soils and rocks, low altitude surveys 2—37096
scintillation, Monte Carlo calc. of characteristics in ring geometry 2—17998
with stilbene scintillator detector for galactic spectrometry at 0.5-5 MeV 2—10822
sum-coincidence for cascade detection 2—5584
total absorption, comparison of one based on scintillation with two based on Cherenkov effect 2—14748
Cd-Te, for low energy obs., fabrication and performance 2—24069
Cd-Te, for low energy obs., fabrication and performance 2—31350
CdTe:Cu (Ga)(In), detector-mat. evaluation by e.p.r. and channelling expts. 2—36539
CdTe, characterization by nuclear methods 2—34810
CdTe, crystal growth recombination centre parameters 2—34809
CdTe, device and mat. evaluation, trapping obs. 2—34812
CdTe, spectral quality 2—38367
CdTe, trapping analysis, transient charge technique 2—34801
^{133}Cs gamma-gamma-gamma ang. correl. method and studies from the decay of ^{133}Ba 2—5585
Ge, high purity, behaviour down to 5°K 2—27849
Ge, precipitation and driftability, of Li 2—11674
Ge nuclear counter, low temp. behaviour 2—8234
Ge(Li)-NaI(Tl) coincidence- anticoincidence, applications 2—24070
Ge(Li), anticoincidence, for level applications 2—27847
Ge(Li), anticoincidence guarded detector for environmental γ energy analysis 2—27845
Ge(Li), anticoincidence shielded, for low level environmental radionuclide analysis 2—27846
Ge(Li), low-level counting techniques and critical parameters 2—27842
Ge(Li), portable detector for field meas. of environmental radionuclides 2—27848
Ge(Li), ultimate limit of intrinsic background 2—27843
Ge(Li) anticoincidence shielded, low level environmental radionuclide anal. systems 2—17999
Ge(Li) coincidence detectors, calibration for directional correlation studies 2—14747
Ge(Li) detector with NaI(Tl) annulus and back detector for low level counting 2—27844
Ge(Li) gamma-ray spectra, minimum detectable photopeak areas 2—21322
Ge(Li) relative intensity calibration from meas. of ^{182}Ta and ^{180m}Hf spectra 2—443
HgI, single crystals, grown from organic soln. or by vapour transport 2—2620
HgI$_2$, feasibility 2—34820
InSb, feasibility 2—34820
NaI(Tl) γ-ray spectrometer, solar monitoring in OSO-7 spacecraft 2—30610
PbO, PbI$_2$, feasibility 2—34820
Xe estimation in Te ores using ^{129}I analysis 2—7193

Gamma-rays
see also Cosmic rays/photons
in atmosphere, effects of ground on steady state and time dependent transport 2—7318
breakdown of air, gamma radiation effects 2—18712
defectoscope, sensitivity calculation 2—29375
direction correlation coefficients for aligned nuclei, graphical representation 2—11718
dosimetry, absorbed energy and elec. charg distrib. meas. system 2—18268
moisture content meas. during drying 2—14050
multiple pinhole camera image synthesis by extended source Fourier transform holography 2—33774
perturbed angular correlations of radiation, effect of slow rotational diffusion 2—20204
production from p-p reactions in interstellar gas 2—26756
redshift, observable, in expanding Universe 2—7375

Gamma-rays continued
- spectrometry for simultaneous det. of U and Th in H_2SO_4 solutions 2—40857
- standard class I spectrometric sources certification 2—473
- standard sources, allowance for effect of radioactive impurities 2—21405
- transport distribution, bounds to truncation errors in biorthogonal polynomial approx. 2—27105

absorption
- *see also Mossbauer effect*
- attenuation, snow gauge, telemetered profiling 2—30284
- distorted crystal interaction, dynamic theory 2—6695
- by photons in pulsars, QSOs and critical energies for supernovae and Crab Nebula 2—10925
- by photons in QSO's, pulsars and other source objects 2—26771
- radiation dosimetry for arbitrary source and target geometry, computer program 2—21476
- self-absorption produced in large cylindrical samples 2—24297

angular distribution
- computer program for calc. of angular correlations for pure or mixed multipolarity transitions correcting states of high angular momenta 2—31431
- hyperfine structure, angular correlation, study, magnetic field r.f. modulation 2—8266
- statistically perturbed angular correlation, meas. to determ. nuclear multipole relaxation times 2—2684
- thermal neutron capture, $\gamma\gamma$ angular correlation meas., coincidence apparatus 2—24099
- $\beta\gamma\gamma$ angular correlation, rel. to sign of amplitude mixing ratio of γ-transitions 2—2681
- $\gamma\gamma\gamma$ angular correlation, rel. to sign of amplitude mixing ratio of γ-transitions 2—2681
- ^{27}Al(p,α,γ)^{24}Mg, 6.40 MeV, α-γ angular correlation 2—38594
- ^{241}Am, α-γ directional correl. in polycryst. source 2—34916
- ^{75}As(p,nγ)^{75}Se, rel. to investigation of spins of low lying ^{75}Se levels 2—34947
- ^{198}Au$\rightarrow$^{198}Hg decay, angular correlation of γ-γ cascade 676-412 keV studied, mixing ratio of 676 keV transition determ. 2—31512
- ^{12}C(α,α) in 2^+ excited state, inelastic scattering, meas. of relative correlation function of α-γ angular correlations at 32.5 MeV 2—38630
- ^{40}Ca(d,$\alpha\gamma$)^{48}K, 4.42, 5.08 MeV, levels of ^{48}K determ. from α-γ angular correlations 2—35075
- ^{60}Co disc isotropic sources, air-ground interface problem 2—28160
- ^{133}Cs gamma-gamma-gamma ang. correl. method and studies from the decay of ^{133}Ba 2—5585
- Cu, rare earth implanted nuclei in Cu, time dependent ang. correlations meas. 2—7021
- ^{64}Cu, spins of low-lying states obs., γ—γ directional correlation meas. 2—38496
- Gd:W, excitation of W by O beam bombardment, γ-ray and distribution obs., hyperfine field interaction 2—7026
- ^{153}Gd, K capture, sum-peak coincidence spectra 2—481
- ^{186}Os, γ-γ ang. correl. obs. 2—34975
- ^{29}P, radiative decay of 8.38 MeV level 2—34929
- ^{144}Pr cascade, ang. correl. obs. 2—34961
- ^{192}Pt triple γ cascade, multipolarity of 296 keV transition 2—34991
- ^{186}Re, K capture, sum-peak coincidence spectra 2—481
- ^{29}Si, after ^{26}Mg(α,n)^{29}Si reaction 2—2701
- ^{48}T,(p,γ)^{49}V reaction, study of excited states of ^{49}V 2—27975
- ^{182}W γ-γ cascade, ang. correl. obs. 2—34973
- ^{169}Yb decay, γ-γ perturbed angular correlation 2—470

detection, measurement
- *see also Dosimetry; Gamma-ray spectrometers; Particle detectors; Radioactivity measurement*
- albedo use in densities and volume distribution meas. of mixed material components 2—27029
- anger scintillation camera, improved resolution using threshold preamplifiers 2—24098
- calorimetric method 2—11680
- camera, use of magnifying multihole collimator 2—20719
- camera image inequalities, computer program for correction 2—20727
- carbon hexafluoride, scintillation counter, comparison with NaI detector 2—31365
- Cherenkov detectors for low-energy 2—5590
- COS-B satellite instrumentation for galactic γ meas. 2—30398
- cosmic flux; energy spectra 0.25 to 4.2 MeV 2—20471
- diffuse background, effect of cosmic rays on obs. 2—4779
- dose rate bracketing, from exploding nuclear device, by steady state transport calc. 2—11922
- dosimetry, using plastic wall proportional counter 2—38775
- extraterrestrial, direction and energy spectrum meas. in energy range 1-10 MeV 2—11183
- GaAs detectors conf. panel discussion 2—34817
- gas-Cerenkov detector for 10 to 100 MeV astronomical gamma rays 2—8214
- gaseous chemical dosimeters, mixed reactor radiations 2—559
- goniometer, 56-channel, for γ-γ directional correlation obs. 2—34754
- intercomparison of Ra sources by measurements of γ-ray intensity 2—5672
- ionization chamber, standard free-air, up to 50 MeV with magnetic field 2—2623
- luminosity measurement of Orsay storage ring 2—11668
- lunar rocks, using liquid scintillation-NaI(Tl) coincidence detector 2—27869
- Mossbauer spectrometer, design and performance 2—21321
- multiplicity in decay of residual nuclei from nuclear reactions 2—31519
- nuclear power station, peripheral monitoring 2—5769
- polarization meas. of resonantly scattered neutron-capture gamma rays 2—11651
- pulse height distributions, computer aided unfolding 2—38349
- pulse shape analyzer for fast neutron- gamma discrimination in liquid scintillator 2—14774
- pulsed γ-ray emission above 50 MeV, search in Crab Nebula pulsar 2—26812
- scintillation detector, composite, directional, efficiency obs. 2—27868
- sintered CdS detector, design 2—34799
- spectra, continuous meas., absolute dosimetry by recoil electron spectroscopy 2—5579
- spectral data processing 2—38353
- ^{10}B detector, det. of efficiency using Monte Carlo method 2—27892

Gamma-rays continued
detection, measurement continued
- CdTe detector for nucleonic propellant gauging in zero-G environment 2—34814
- CdTe high resistivity detector, characterization 2—2634
- CdTe probe, medical, compared to Si(Li) probe 2—26947
- CdTe probe, medical, compared to Si(Li)probe 2—33785
- CdTe spectrometer, for low energy obs., fabrication and performance 2—31350
- CdTe spectrometer, for low energy obs., fabrication and performance 2—24069
- n-GaAs, liquid and vapour phase epitaxial layers as detector 2—34816
- GaAs surface barrier detectors 2—11677
- GdTe detector device characterization, temp. range 60-80°C 2—34813
- Ge detector using impulse 2—24090
- Ge(Li) cryostat cooled detector, for obs. of natural and neutron induced γ-rays in boreholes 2—34803
- Ge(Li) detector, calibration and photoefficiency 2—18015
- Ge(Li) detector, hollow core coaxial, fabrication 2—14765
- Ge(Li) detector for soft γ-rays 2—34806
- Ge(Li) detectors, relative efficiency from 0.5 to 12 MeV 2—14764
- Ge(Li) diode, resolution deterioration caused by fast neutron damage 2—24092
- Ge(Li) well-type detector, peak efficiency calibration 2—5592
- NaI(Tl), well-type detector, efficiency values 2—38364
- NaI(Tl) crystal counters, recording efficiency from point isotropic sources 2—24085
- NaI(Tl) Harshaw 7F8 well crystal, total and photopeak efficiencies for cylindrical γ sources 2—24081
- Si, response of covered detectors to monoenergetic gamma rays 2—38373,
- Si detectors, temperature dependence of photocurrents 2—38383
- ^{32}Si, β decay, search for γ emission 20-200 kEV 2—38534

effects
- *see also Nuclear reactions and scattering due to/photons*
- 3-methylpentane glass at 77K, γ-irradiated, thermoluminescence obs. 2—4516
- acetyl methionine, correlation between e.p.r. and positron annihilation 2—40752
- amino acids, irrad., polymorphic transform. 2—7187
- anthracene film, irrad., I-V characts. 2—29681
- arabinose, aqueous soln., optical rot. change, usefulness for dosimetry 2—5596
- arseniates, irrad., e.p.r. of radicals 2—10495
- atoms, gas excited, alignment due to isotropic irradiation 2—8432
- chromosome rupture 2—2021
- L-cystine dihydrochloride, γ-irrad. cryst., photoinduced hole-electron recombination 2—22887
- p- dichlorobenzene, α-ray irrad., impurity form., cryst. struct. effect, n.q.r. obs. 2—26317
- dielectric liquid vapour, ionization, av. energy per ion pair 2—15498
- dipeptides, irrad., polymorphic transform. 2—7187
- durene, e.p.r. of γ-irradiated crystals 2—36996
- electron pair production in solids, comparison of exptl. and theoretical cross sections near threshold 2—22435
- electron primary emission during γ transmission of two component medium 2—30079
- electron-photon cascades from primary photons at 10^{17} to 10^{21} eV 2—14734
- epoxy-resin, effect on mech. and optical props. 2—39803
- ethanol-potassium ethylate, irrad., effects, dissociating action 2—8765
- fluorite, thermolum. response to γ-ray irrad. 2—27902
- fructose, aqueous soln., optical rot. change, usefulness for dosimetry 2—5596
- glass, org., scavenging kinetics of electrons, long range tunnelling 2—40831
- glucose, aqueous soln., optical rot. change, usefulness for dosimetry 2—5596
- imidazole, H-bonded cryst. with protonic conductivity, γ-induced radicals, e.p.r. and ENDOR obs. 2—26293
- ionization chamber liquid filled, X-ray and γ-ray induced photovoltaic effect 2—38360
- DL-leucine, inhibition of positronium formation 2—22888
- liquids, dielect., ionization, average energy per ion pair, W-value 2—28894
- malonic acid γ-irrad. cryst., modulation effects in spin-echo of $CH(COOH)_2$ radicals 2—4552
- 3-methylpentane γ-irrad. at 77K, effects of optical bleaching on luminescence decay and trapped electron conc. 2—26229
- miniature pig performance, compared to neutron irradiated pig performance 2—20721
- m.o.s. device, charge pumping and low frequency noise 2—10104
- phenyl acetylene, glassy soln., thermolum. ascribed to fluoresc. of α-styryl radical 2—18528
- polyethylene, irrad., elec. cond., pre-exponential factor 2—25834
- polyethylene, irrad., photocond. 2—25964
- polyethylene, polystyrene, polymethacrylate, polycarbonate and PTFE, radiation- induced electrical conductivity 2—6752
- polymer, dielectric properties, measurement in field of 10^4MHz γ-rays from ^{60}Co 2—29740
- polytetrafluoroethylene, irrad. effects on fine structure 2—39448
- rhodamine S, i.r. absorption spectra, effect of inorganic peroxides and γ-irradiation 2—3118
- ruby laser, stimulated radiation, irradiated by ^{60}Co gamma rays 2—31050
- silica gel γ-irradiated, with adsorbed gas molecules, luminescence and EPR spectra 2—6268
- sucrose, aqueous soln., optical rot. change, usefulness for dosimetry 2—5596
- taurine, e.s.r. of γ-irradiated crystal 2—33344
- transistor, bipolar, noise parameter, ^{60}Co irrad., effects 2—22594
- transistors, current gain response in gamma-ray and neutron environment 2—22590
- triazole, H-bonded cryst. with protonic conductivity, γ-induced radicals, e.p.r. and ENDOR obs. 2—26293
- triglycine sulphate, on permittivity and losses 2—1560
- trigylcine sulphate, displacive movement of the radical, e.s.r. obs. 2—26268
- Al, liquid-solid transition temp. 2—6281
- Al_2O_3:Cr^{3+}, ruby, spin-lattice relaxation, Cr^{2+} effect, thermal cond. obs. 2—40576
- Al_2O_3-CdSe thin-film transistor, effects of ionzing radiation 2—22595
- BaO-SiO_2 glass, irrad., e.p.r. and absorpt. spectra 2—30015

Gamma-rays continued
effects continued
^{9}Be(γ,n) production of monoenergetic neutrons at KeV energies 2—5560
C, stress-graphitized pyrolytic, irrad., elastic modulus 2—32587
CS_2-3-methyl pentane glass system, γ-radiolysis, CS_2^- form. 2—7185
$Cd(BrO_2).H_2O$ free radicals, e.p.r., g-factors 2—10517
CdS photoluminescent spectra 2—20122
CdTe junction, surface-barrier, photoelectret effect on irrad. 2—13349
CsI(Tl) subject to γ-irradiation, triplet model for excitation of emission centres 2—16075
GaAs, epitaxial, irrad. damage, energy level obs. 2—16227
Ge:P, irrad., impurity-vacancy complexes, n-p conversion 2—15741
Ge:P, vacancy-donor complexes 2—29704
Ge:P,As,Sb,Bi, role of impurities in defect formation 2—15777
Ge:Sb, Li, irrad., impurity-vacancy complexes 2—12756
Ge, radiation defect level density, dose depend. 2—15742
Ge detector fabrication by gamma limitations 2—27878
KCl:U, colouring and hardening 2—36060
KCl, induced F-centre colouring at room temp., effect of strain 2—3803
KCl, stress relaxation, dislocation movement 2—9660
KCl, yield point, effect of colour centre conc. 2—15838
$KF.2(4)H_2O$, colour centre formation 2—1264
KIO_2F_2 γ-irrad. cryst., e.s.r. of IO_2F^- radical 2—20142
LiF crystal, defect clusters, X-ray small angle scatt. 2—3761
LiF crystal, Frenkel defects, small angle X-ray scatt. obs. 2—3770
$MgBrO_3.6H_2O$, free radicals, e.p.r., g-factors 2—10517
NH_2 radical formation from irradiated frozen aqueous azide solution 2—10646
NH_4ClO_4 single crystals, radiation- induced dislocations 2—6441
$NH_4H_2PO_4$-(5wt%)KH_2PO_4 crystal, e.p.r. of NH_3^+ hyperfine coupling10511 2—10511
NaBr(Cl):M^{2+}, (M=Ba, Ca, Sr), irrad. type effects on symmetry of paramagnetic centres 2—26285
$NaBrO_3$, free radicals, e.p.r. g-factors 2—10517
NaCl, dislocation damping coeffs. variation during irrad. 2—3780
NaCl, stress relaxation, dislocation movement 2—9660
NaCl, yield point, effect of colour centre conc. 2—15838
$NaClO_3$, real structure detn., X-ray obs. 2—36013
NaF, point defect formation 2—1245
$NaH_3(SeO_3)_2$, on dielectric properties 2—1553
Si:Y, irrad. and thermally processed, A-centre form. 2—1534
Si-SiO_2-Al, m.o.s. diode, surface effects 2—10105
Si-SiO_2-Al m.o.s. structure, damage studies by internal photoemission 2—19730
Si, radiation damage, photocond. obs. 2—25959
n-Si, reactor irrad. enhanced hetero-diffusion of Au and Zn 2—29193
Si detector, rad. enhanced diffusion, defect prod. ratio 2—33023
Si junction f.e.t., radiation responses 2—22593
Si n-p-n planar transistor, surface effects and bulk damage 2—10094
$SiSiO_2$-Cr m.o.s. structure, damage studies by internal photoemission 2—19730
SrO-SiO_2 glass, irrad., e.p.r. and absorpt. spectra 2—30015
$Zn(BrO_3).6H_2O$, free radicals, e.p.r., g-factors 2—10517
ZnS:Cu luminophors, stimulated by varying energy photons, spectral props of stimulated emission 2—4497
internal conversion
see also Beta-ray spectra/conversion electrons
analogy with vertical excitation 2—38876
coefficients, L-shell, for high energy transitions calc. for several atoms 2—8422
deformed nuclei, magnetic dipole transitions, penetration factor calc. 2—8280
E2 transitions, conversion coeff. ratios for M-, N-, and O-shell electrons 2—27956
e.m. transitions internal conversion ratios meas. for several nuclei and compared with theor. values 2—18078
large molecules, highly excited singlet state 2—5897
$^{228}Ac \rightarrow {}^{228}Th$ decay, internal conversion electrons 2—8317
^{81}Br, conversion coeffs. for 178, 260, 276 and 290 keV transitions 2—2746
^{246}Cm, rel. to electron binding energy calc. 2—11784
^{161}Dy, 26 keV Mossbauer transition, determ. of L-shell conversion coefficient 2—2728
^{161}Dy interference of photoeffect and internal conversion following nuclear resonance absorption of 26 keV E1 gamma rays, study of Mossbauer spectra 2—2727
^{147}Gd, conversion electron and γ-ray meas., ^{147}Eu level diagram 2—24186
^{152}Gd, coeff. calc. from 17.5h ^{152}Tb decay data 2—11767
^{177}Hf transitions, penetration effects 2—38521
^{199}Hg transitions 2—38525
^{140}La, β decay, determ. γ-ray transitions and internal conversion coefficients 2—18121
^{169}Lu, revised decay scheme 2—24188
^{171}Lu, and γ spectra 2—2751
^{177}Lu transitions, penetration effects 2—38521
^{143}Pr, coeff. determination rel. to level structure investigation 2—21394
^{81}Se, conversion coeffs. for 103 keV transition 2—2746
^{117}Sn, theory and expt. compared 2—18118
^{170}Tm, conversion electron spectra, rel. to radiative constants 2—24172
^{51}V, theoretical internal conversion coefficients 2—11745
scattering
see also Compton effect
backscatter density, gauge design 2—27026
backscattering calc. using moments method 2—8412
coherent, in matter, radiative corrections 2—17823
reflection factor for γ-quanta in graphite cylinders 2—38738
Pb, differential elastic scattering cross section of 662 keV γ-rays 2—8456
Gamow-Teller transitions *see Beta-decay theory; Nucleus/energy levels*
Garnets
see also Ferrites
bubble domains, magnetoresist. sensor 2—40446
bubble domains, properties of densely packed structures 2—29810
bubble domains, temp. sensitivity 2—26022
bubble material parameters derivation from magnetiz. curves 2—36692
chevron/bubble mass memory 2—34308
cubic materials with induced anisotropies, crystallographic considerations for bubble devices 2—36734
diffusion of Fe^{2+}, rel. to mag. anisotropy 2—39731
domain wall motion, steady-state soln. 2—36733
Garnets continued
dysprosium aluminium, electronic Raman scatt. theory 2—29938
dysprosium gallium, electronic Raman scatt. theory 2—29938
epitaxial film, fracture, influence of misfit stress 2—32350
epitaxial films and substrates growth for bubble devices 2—35875
epitaxial growth from coprecipitated garnet-flux solns. 2—35876
Faraday and Kerr effects 2—26115
ferrimagnetic reson., surface roughness effects on linewidth meas. 2—26256
ferromagnetic and ferrimag., polycrystalline, microwave component appl. 2—16371
film, epitaxial, growth induced mag. anisotropy 2—19904
film, epitaxial growth, for bubble domain device, from supercooled melt 2—6401
GdIG, n.m.r. and Mossbauer obs., hyperfine struct. of Gd isotopes 2—7140
growth-induced anisotropy, theory 2—13372
growth-induced noncubic anisotropy, rel. to bubble applic. 2—36731
growth-induced noncubic anisotropy 2—36732
high-pressure synthesis 2—17041
hopping transport, mixed valence states 2—9997
magnetic parameters derivation from domain theory and obs. 2—36691
noncubic anisotropy, growth induced, and mag. bubble domains 2—10285
partial melting with spinel lherzolites, compositions of coexisting liquid and solid phases 2—25155
quasi-static parallel reversible susceptibility 2—33155
rare earth, films, bubble parameters, temp. depend. 2—36749
rare earth, growth-induced anisotropy, sign and magnitude 2—4363
rare earth Fe, mag. anisotropy control by ion implantation 2—25417
rare earth ferrite, mag. struct., phase transitions 2—4396
rare earth gallium, Czochralski growth 2—19003
rare earth gallium, for appl. as substrates, Czochralski growth 2—29099
rare earth iron, control of bubble domain props, by Co^{3+} addition 2—22692
rare earth iron, crit. light scatt. at mag. compensation points 2—16457
rare earth iron, film/substrate matching requirements for bubble form. 2—36750
rare earth iron, hyperfine field on ^{119}Sn, rare earth contrib. 2—22741
rare earth iron noncubic mag. anisotropy mechanism and vacancy ordering 2—10202
rare earth iron optical birefringence and magnetocryst. anisotropy 2—40530
YAG, spectral linewidth studies of Pr^{3+} 2—10339
YAG active crystal elements, thermal stresses under continuous pumping 2—17621
YAG laser, influence of resonator matching on output power 2—17644
YIG:Sn, temp. dependence of hyperfine field acting on ^{119}Sn, Mossbauer effect meas. 2—4354
YIG, hypersound absorption in mag. field, 4.2-300K 2—6669
YIG, Mossbauer study of h.p. phase 2—10330
YIG, spin echo decay, low temp. 2—10535
ytterbium aluminium, electronic Raman scatt. theory 2—29938
ytterbium gallium, electronic Raman scatt. theory 2—29938
ytterbium iron garnet, ferrimagnetic, anisotropy effects on field induced phase transitions 2—16387
$Ba_{0.25}Mg_{2.75}Y_2Ge_3O_{12}$:$Nd^{3+}$, optical spectra and laser action 2—16616
Bi-Ca-V-Fe, Faraday rot., rot. mech. 2—22728
Bi-Ca-V ferrite, indirect exchange interact., V participation, neutron diffr. obs. 2—36739
$Bi_{0.8}Ca_{2.2}Fe_{3.9}V_{1.1}O_{12}$, anomalous Faraday rotation by Kerr effect 2—29875
$Bi_{3-x}Ca_{2x}Fe_{5-x}V_xO_{12}$ Mossbauer study of Fe^{3+} 2—13445
$Bi_{0.3}Ca_{2.68}Pb_{0.02}V_{1.35}Fe_{3.65}O_{12}$, Co-doped, anomalous mag. reson. 2—10462
$Bi_{3-2x}Ca_{2x}V_xFe_{5-x}O_{12}$, magneto-optical effects 2—40611
$Bi_{0.3}Co_{2.7}Fe_{3.65}V_{1.35}O_{12}$, paramagnetic ion doped, ferrimagnetic resonance 2—4534
$Ca_3F_2(GeO_4)_3$, mag. struct. and space group 2—33169
$Ca_3Fe_2Ge_3O_{12}$, antiferromag. struct., super-superexchange interaction 2—26059
$Ca_3Mn_2Ge_3O_{12}$, neutron diffr. study 2—19045
$Ca_2NaZn_2V_3O_{12}$, $Ca_2NaMg_2V_3O_{12}$, Raman spectra, stretching modes 2—4464
DyAl, mag. and thermal props. 2—40552
DyAl, reson, electronic Raman effect 2—26191
DyAl, reson. cancellation of Raman scatt. from electronic levels 2—36897
DyAl garnet, optical spectra, magnetic ordering effects 2—33259
$Dy_3Ga_5O_{12}$ and $Dy_3Ga_5O_{12}$-$Ln_3Ga_5O_{12}$ solid soln., Czochralski growth 2—19003
Er Fe film, epitaxy, magnetic bubble domain 2—29823
$Er_3Al_5O_{12}$, ^{27}Al n.m.r., quadrupole coupling const. detn. 2—10542
$Er_2EuGa_{0.7}Al_{0.7}Fe_{3.6}O_{12}$ films, growth-induced anisotropy, temp. depend. 2—40523
ErFe, exchange interactions, far-i.r. Zeeman obs. 2—40637
ErFe, mag. anisotropy 2—10228
$Er_3Ga_{0.7}Fe_{4.3}O_{12}$ films, bubble domains 2—36742
$Eu_{3-x}Er_xFe_5O_{12}$, domain wall mobility correl. with Ga conc. 2—40524
EuFe, critical pt. exponents for mag. props. 2—40525
EuFe, Eu-Fe exchange anisotropy, n.m.r. obs. 2—36744
EuGa, symmetry labeling of low lying electronic levels by Raman spectroscopy 2—20067
$Eu_xY_{3-x}Fe_{5-y}Ga_yO_{12}$ epitaxial films, mag. props., domains 2—36743
Fe, optical phonons 2—1700
$Gd_3Al_2(AlO_4)_3$, n.m.r., ^{27}Al quadrupole coupling, 1.5-300 K 2—7139
$Gd_3Al_3O_{12}$, cryst. growth from the melt, and optical props. 2—22110
$Gd_3Al_5O_{12}$, ^{27}Al n.m.r., quadrupole coupling const. detn. 2—10542
GdFe, hyperfine field on ^{119}Sn, rare earth contrib. 2—22741
GdFe, magnetized, spin-echo n.m.r. study of Gd quadrupole interactions 2—4554
$Gd_3Fe_{5-x}Ru_xO_{12}$, ferromag. reson., anisotropy and linewidth 2—36970
$Gd_3Ga_5O_{12}$, for appl. as substrates, Czochralski growth 2—29099
$Gd_3Ga_5O_{12}$ and $Gd_3Ga_5O_{12}$-$Ln_3Ga_5O_{12}$ solid soln., Czochralski growth 2—19003
GdIG, substituted, compensation temperature 2—36746
LuAl garnet:Cr^{3+}, hyperfine and transferred hyperfine interaction, ENDOR obs. 2—10582
$NaCa_2Ni_2V_3O_{12}$, with one sub-lattice, disposition parameters of O atoms, neutron diffr. obs. 2—6445
Nd:YAG laser, CW, second harmonic generation in $LiNbO_3$ crystals 2—37989

Garnets continued
Nd:YAG laser, u.v. light generation by frequency doubling twice 2—11480
$Nd_3Ga_5O_{12}$ and $Nd_3Ga_5O_{12}$-$Ln_3Ga_5O_{12}$ solid soln.. Czochralski growth 2—19003
$Nd_3Sc_{1.35}Fe_{3.65}O_{12}$, anisotropy of magnetization at low temperatures 2—10201
$Sm_3Ga_5O_{12}$ and $Sm_3Ga_5O_{12}$-$Ln_3Ga_5O_{12}$ solid soln.. Czochralski growth 2—19003
TbAl, mag. phase diagram 2—40567
$Tb_3Ga_5O_{12}$, Czochralski growth 2—19003
YAG:Cr^{3+}, Er^{3+}, thermal dependence Cr^{3+} and Er^{3+} fluorescence line positions and widths 2—16621
YAG:Cr^{3+}, excitation and fluorescence spectra 2—26241
YAG:Cr^{3+}, hyperfine and transferred hyperfine interaction, ENDOR obs. 2 10582
YAG:Cr^{3+}, vibronic spectrum and fluoresc. lifetime, temp. depend. 2—13507
YAG:Er, Ho, Tm, energy transfer process between Er^{3+} and Ho^{3+}, fluoresc. spectra obs. 2—26240
YAG:Er^{3+}, crystal field study 2—36794
YAG:Ho^{3+}, sensitized, laser, lamp pumped, output and efficiency 2—17625
YAG:Ho^{3+}, stimulated emission, spectroscopic and laser props. 2—17624
YAG:Lu, Nd, ion site distrib. and spectral line broadening 2—36853
YAG:Nd, laser, variable threshold acousto- optic Q-switching 2—17629
YAG:Nd laser, single longitudinal mode, elimination of multilongitudinal mode oscillation 2—17628
YAG:Nd^{3+}, mechanism of solubilization of Nd by Gd or Lu 2—29092
YAG:Nd^{3+} laser, stimulated emission cross section 2—37985
YAG-YbAG, optical centres 2—20051
YAG laser doped with Nd, time characteristics of radiation 2—17630
YAl garnet:Nd laser using $Ba_2NaNb_5O_{15}$ for intracavity conversion 2—281
$Y_3Al_5O_{12}$, n.m.r. investigation of temperature dependence of crystal field gradient at ^{27}Al 2—1735
$Y_{3-2x}Ca_{2x}Fe_{5-x}V_xO_{12}$, dynamics of initial magnetiz. reversal processes 2—29820
$Y_{3-2x-a}Ca_{2x}Gd_aFe_{5-x-z}V_xIn_zO_{12}$, mag. props. and reson. linewidths, comp. depend., for microwave applics. 2—40519
$Y_{3-2x}Ca_{2x}V_xFe_{5-x}O_{12}$, magneto-optical effects 2—40611
$Y_3Fe_{5-x}Ga_xO_{12}$ film magnetic, uniaxial, growth by chem. vap. deposition 2—9288
$Y_3Fe_5O_{12}$, Raman spectra, stretching modes 2—4464
$Y_3Ga_xFe_{5-x}O_{12}$, temp. compensation point, Faraday rot. obs. 2—29831
YGdFe, resonant motion of domain walls 2—40534
$Y_2GdFe_{4.2}Al_{0.8}O_{12}$, growth-induced anisotropy, microscopic theory 2—40533
YIG:Ga, on GdGa garnet substrate, acoustic surface wave isolator 2—40065
YIG:Ga films, rare earth substituted, domain wall motion 2—40531
YIG:Si, polarization-depend. photoinduced effects 2—26116
YIG:Si, spontaneous and photoinduced linear dichroism 2—22730
YIG, application of theory of Mossbauer γ-ray diffraction 2—29881
YIG, axially magnetized single cryst., magnetostatic reson. absorpt. modes 2—19909
YIG, e.m. modes coupling to magnetostatic modes 2—26009
YIG, excitons, spin wave sidebands and exchange interactions 2—40681
YIG, ferromagnet, spin wave conductivity 2—19844
YIG, fine struct. of spin wave instabilities 2—40748
YIG, formation in Y_2O_3-Fe_2O_3 powder mixtures at 1100°C 2—30058
YIG, growth-induced mag. anisotropy 2—40532
YIG, magnetoelastic coupling, dynamic 2—26045
YIG, optimum comp. for crystn. in Y_2O_3-Fe_2O_3-50PbO.40PbF_2.10B_2O_3 system 2—36291
YIG, shock-induced anisotropy, demagnetiz., mag. grain interaction 2—33130
YIG, shock-induced anisotropy, demagnetiz., domain theory analysis 2—36706
YIG, spin configs. induced by anisotropic ions 2—26073
YIG, standing spin waves and mag. anisotropy 2—13387
YIG, synthesis, primary crystn. fields in PbO-PbF_2-B_2O_3 2—29101
YIG films, ferromag. reson., spin wave band, signal edge obs. 2—40747
YIG films, Ga-substituted, epitaxial strains and fracture 2—35897
YIG films, Ga-substituted, annealing effects on mag. props. 2—36752
YIG heteroepitaxial film, verification of stress model 2—22069
YIG magnetoelastic delay lines with linear dispersion 2—33147
YIG;Si, a.c. hopping cond. 2—13242
YbFe, anisotropic, spin reorientations 2—40535
YbFe, sp. ht., mag. phase transitions 2—33160
YbFe, spin waves near mag. reorientation transition 2—40570

Gas analysis *see Chemical analysis*

Gas-discharge tubes
see also Counters; Ion sources
cathode anode configuration for long term stability 2—39216
corona, hemispherical, design and theory 2—39207
cylindrical diffusion column, charged particle and neutral gas density 2—39202
diode, gas filled, planar, potential distrib. 2—39203
diode, space-charge-limited current 2—7869
discharge lamps, coolant liquid spectral characteristics 2—14469
free fall column, velocity distrib. and particle density of neutral gas 2—39201
grid double-striations, energy distribution function of electrons 2—27431
lamp, spectral composition meas. 2—38143
laser, h.v. current regulator 2—27392
longwave i.r. spectroscopic light source, gas discharge lamp with metallic body 2—34560
low gas density, effect of anode surface, Paschen curves 2—35624
magnetron, stratification of instabilities 2—23548
metal, insulated, glow-discharge, plasma properties 2—3256
plasmatron ion source for electromagnetic isotope separator 2—740
plasmatron output parameters, spectroscopic study 2—8993
spark discharge, ignition potential stabilisation for large pressures 2—3271
spherical diode, charged particle confinement, concentric grids 2—21877
in vacuum u.v. absolute intensity meas. by thermocouple recording of H arc spectrum 2—14490
Ar ionic laser, neutral atoms, pressure distribution along length of tube 2—2390
Cs nonideal plasma, electric-discharge shock tube 2—28603
D-Ne, u.v. arc lamps, design and emission characteristics 2—31131

Gas-discharge tubes continued
HF chemical laser, double discharge initiated, using $SF_6+C_4H_{10}$ and SF_6+H_2 2—7925
He, low pressure, cylindrical hollow cathode in transverse magnetic field 2—21878
LaB_6 cathode production, coated Ta ribbon 2—18705
N_2-CO_2 cross beam electric discharge convection laser 2—11471
Ne, atoms, excited, drift in d.c. discharge tube, model 2—8995
Xe flash lamps, electron concentration patterns 2—28681

Gas flow *see Flow/gases*

Gases
see also Kinetic theory/gases
absorbing, radiative cooling effects behind reflected shock wave 2—7762
adsorption on Ni/Cu alloy single crystal surfaces, role of interaction energies 2—15675
alkali, metal monatomic vapours, transport coeffs, and interaction potential calc. 2—28743
analysis with latest equipment 2—26379
atmospheric, spectra, monochromatic absorpt. coeff., high speed laser spectroscopy 2—33620
beam-foil-gas spectroscopy, technique for studying steady-state non-equilibrium processes 2—26319
binary mixture, excitation spectrum calc., decoupling of Green functions 2—2157
binary mixtures, anisotropic relaxation of temp. differences, stresses and heat fluxes 2—39280
binary mixtures, continuous unsteady concentration meas., hot wire technique 2—18771
Brillouin-Mandelstam scatt. and sound vel. 2—35685
bubbles, stability in deformable material containing dissolved gases 2—15560
cyanogen halides in lasers, patent 2—17617
diatomic, mass and heat transfer, kinetic model 2—9026
diffusion in metals, det. of activation energy 2—39717
dilute polyatomic, sound propagation from point of view of Waldmann-Snider eqn. 2—39286
displacement, without use of pistons, by water, assuming capillarity 2—39231
droplet model near critical point, study of droplet-droplet interaction and correlation function 2—9030
dusty gas theory, applied to flow at low pressures 2—18731
ellipsoidal molecule model, scattering function 2—1031
flashover voltages calculation, of sphere gaps, in atmospheric air 2—32138
geometrical optics of thermal blooming, wind transverse to beam propagation 2—27581
heater, coaxial electric arc, with arc spun by mag. field 2—12477
high temperature, meas., calorimetry 2—27341
hot (Z=1), bremsstrahlung rate and spectra 2—32110
ideal, multiple ionization, thermodynamic functions and effective adiabatic index 2—12454
impurity, in metal, det. by mass spectrometry, isotope dilution method 2—10656
injection coolers, highly loaded, heat transfer in water drops 2—39275
i.r. emission by nonisothermic layers 2—3329
kinetic equations for dimerizing gases 2—40800
lattice gas models, one dimensional classical, discontinuity of pressure with density 2—30799
microcrystalline clusters, thermodynamic properties calc. using single-configuration approximation 2—35683
mixing, unsteady, conc. meas. using laser Raman scattering 2—21902
mixture, separation in convection along vertical wall, thermal diffusion 2—35690
mixtures, binary and ternary, vapour-liquid equilibrium, Van der Waal's one fluid theory 2—3444
molecular jet bombardment of pure or mixed gas, obs. 2—38880
monatomic, sublimation eqn. of state, l.p. 2—15632
neutral, determ. return current induced by propagating relativistic electron beam 2—12513
n.m.r., relative magnitudes of second virial screening coeff. 2—9039
non nonisothermal i.r. radiative transfer, application of mean absorption coeff. 2—21909
nonisothermal nongray atomic, continuum radiation flux 2—21916
nonpolar, adsprption on oxide, metal, soft, graphite, adsorption isotherms, isosteric heat data 2—6377
optically thin, spectral line intensities and physical state parameters 2—35679
perfect, flow between heated parallel plates, internal laminar, heat transfer 2—18761
polar, equilibrium properties 2—15536
polar, equilibrium properties 2—15535
polar gases, equilibrium properties 2—15537
polyatomic, 17 moment theory of sound propagation 2—35684
polyatomic, kinetic theory analysis of temperature jump and distribution at wall 2—12505
radiation gas dynamics, plane phase method analysis 2—39256
radiative heat transfer in laminar boundary layer 2—39277
Raman intensities, correlation between values for liquid phase 2—1098
Raman spectra, high resolution, using single mode Ar laser 2—31135
rarefied, heat transfer, Monte Carlo solutions of nonlinear Boltzmann equation 2—1035
rarefied, heat transfer between infinite parallel plates 2—39276
reacting gas, relaxation 2—13563
rectilinear motion and problem of N unidimensional bodies 2—2172
residual gas composition in vacuum system for optical coating deposition 2—37535
resonant transport props. in oscillating mag. fields for polyatomic gases 2—9040
selfgravitating, dynamical approach in 1 dimens. 2—39272
shock heated, anomalous dispersion, det. of Fe I oscillator strengths 2—18304
shock wave propagation, diagnostic techniques, kinetics 2—24970
shock wave structure in binary mixtures 2—3314
slip coeffs. for gas-surface scattering kernels 2—39230
in solid films, analysis by laser induced evap. and mass spectrometry 2—22067
solubility in liquids, calc. of Gibbs free energy of cavity formation 2—9102
sound modes, generalized, for wavelengths shorter than mean free path 2—6158
sound velocity in gases with solid-liquid suspensions 2—1037

Gases continued
- spectra, modification of resonant r.f. absorption under influence of nonresonant h.f. field 2—38866
- spectra, pressure line shape and Dicke effect 2—38806
- spheres, concentric, approx. soln. to radiative equilibrium with gray gas layer 2—39279
- stability of shock accelerated interface between two gases 2—32144
- state functions tables with internal energy and enthalpy 2—6153
- thermal blooming of laser beams 2—11496
- thermal cond. meas., capillary method, thermistor, katharometer bridge method 2—35682
- thermodynamic properties, electronic excitation contribution at high temperature 2—21919
- transparent, radiative heat transfer in laminar boundary layer 2—39277
- transport coeffs. calc. by Enskog method relativistic extension 2—9027
- transport properties, near critical point, review of exptl. situation 2—9042
- transport properties of dilute gases, contribution of orientational polarizations, collisionally uncoupled model 2—21923
- with variable properties, laminar flow in circular tube, heat transfer and drag 2—28694
- velocity and diffusion slip coefficients for multicomponent mixtures 2—3282
- vibrational relaxation in diatomic dilute gases derivation of master eqn. 2—9024
- viscous, three-dimensional steady radial expansion from a sonic source into a vacuum 2—32166
- water content, continuous det. with electrolytic measuring cell 2—1766
- CO_2 gain kinetics of gasdynamic laser mixtures at high pressure 2—2397
- H_2O vapour, anomalous composition 2—6149
- natural, CH_4, C_2H_6, C_3H_8, Joule-Thomson effect. pressures up to 300 atmospheres, temperatures between −173 to +93°C 2—24978

Gegenschein *see Zodiacal light*

Geiger counters *see Counters/Geiger*

Gelatin
- wax and gelatin film, i.r. holograms 2—7952

Gels
- contact lenses, transferred corneal toricity rel. to lens thickness 2—41331
- crystal nucleation mechanism 2—18999
- diffusion in aqueous gels, radiographic monitoring of concentration charges 2—12592
- poly(2-hydroxethyl methacrylate), water swollen gel, tensile strength, cross-linking effect 2—35807
- polymer; anomalous freezing 2—1142
- silica, e.s.r. of Ag atoms on surface 2—1163
- silica, e.s.r. of Ag atoms on surface 2—1164
- silica, sorption-desorption hysteresis, cavity theory, elec. discharge effect on entrapped water 2—35921
- silica, specific surface areas, pure struct., adsorpt and i.r. spectra obs. 2—35920
- silica gel γ-irradiated, with adsorbed gas molecules, luminescence and EPR spectra 2—6268

Generators *see Electrical machines*

Geochemistry *see Earth/composition*

Geochronology *see Earth/age; Radioactive dating*

Geodesy
- *see also Gravity*
- airborne gamma-ray spectrometer, volume of material viewed 2—22903
- altimeter experiment on Skylab S-193, objectives and capabilities 2—20225
- altimetry, Skylab 5193 expt. 2—16731
- astronomic-geodetic meas. in Antarctic using seconds theodolite Theo 010 2—4626
- beacon lamp, geodetic, for surveying 2—1781
- boundary value problem, free nonlinear, metric continuation solution 2—1776
- Chandler period of polar coordinates calculated with Orlov's method 2—30138
- distance measuring instrument, two-laser, which corrects for atmospheric index of refraction 2—31105
- Earth chord det. by laser obs. of artificial earth satellite 2—30134
- earth shape and dimensions, artificial satellite observations, programme review 2—30135
- Earth-Moon system, dissymmetries in terms of a convective cell theory 2—7205
- estimation with singular inverses 2—26405
- Euler's spiral, formula for polar alignment derivation 2—24
- geodetic points, soln. with computer 2—40872
- geoid undulations, computations from potential coefficients 2—1778
- Geole system 2—30140
- geopotential, density layer models, satellite data 2—1779
- geopotential in Cartesian coordinates 2—26389
- gravimetric survey, increased accuracy of bore network 2—30144
- gravimetry, air-borne measurement errors associated with geoidal undulations 2—13604
- gravitational field variation, study of inner structure of earth 2—16752
- gravitational force, secular variations in USSR 2—30137
- gravitational potential, representation by means of difference from Earth's spheroidal potential 2—20223
- gravity problems, use of linear filtering 2—30136
- hydrographic surveys, electronic positioning and minicomputer system 2—16791
- Iceland, secular gravity variations 2—20226
- inverse gravimetric problem, soln. with aid of integer linear programming 2—16724
- i.r. imaging systems producing quantitative geoscience data 2—16730
- laser applications, book 2—38004
- latitude reduction at ILS Carloforte stations, instrumental constants 2—26404
- metrology, laser applications 2—40873
- model-anomalies, crustal data, surface elevations, depth at Moho 2—1787
- Moray Firth, evidence for deep sedimentary basin from a gravity survey 2—26455
- networks computation, with simultaneous estimation of weighting 2—30133
- piezoelectric applications in recorders and as standards 2—40869
- pole of rotation, laser range observations to satellites 2—1777
- potential fields, fundamental functional equation and a nonlinear method for the analytic continuation 2—26454

Geodesy continued
- precision measurements using very long baseline radio interferometry 2—30132
- refractio obs. from vertical angles, Prague 2—1782
- regular geoid, accuracy of theory 2—37071
- remote detection of terrestrial resources 2—22912
- satellite applications to cartography and gravitational potential obs. 2—16726
- satellite used for obs., with drag compensation 2—16728
- by satellites, review 2—7204
- Schlumberger measurements over undulating structures, model structures 2—16758
- spatial coordinates rel. to gravity centre of Earth, using laser tracking to Moon 2—20224
- spring-type gravimeter, use on land and at sea 2—7203
- strain accompanying JORUM underground nuclear explosion and its relation to geology 2—26412
- surveying, vertical anomalous gradients 2—30145
- surveys and leveling, laser applic. 2—22906
- tesseral harmonics, influence on motion of satellites 2—37232
- Universal Time determ. by 2—37074

Geoelectricity *see Earth/electricity*

Geomagnetism *see Earth/magnetic field*

Geometrical optics *see Optics/geometrical*

Geometry
- 3 geometry, role in the theory of gravitation 2—33911
- difference, applic. to elasticity problems 2—14196
- Euler's angles, alternative sequences of rotation which yield some final rotation matrix 2—14064
- Euler's spiral, formula for polar alignment derivation 2—24
- indefinite metric spaces 2—33869
- subclassification of geometries. new principles based on notion of geometric objects 2—37568
- topology, appl. to thermodynamics, space of states of isolated systems 2—2261

Geons *see Gravitation*

Geophysical prospecting
- $^{236}U/^{238}U$ measurements in terrestrial minerals and processed ore 2—40900
- aerial study of natural resources in the USSR 2—16721
- aero-electrical surveying, interpretation of anomalies over two-layered media 2—26440
- airborne gamma-ray spectrometer, volume of material viewed 2—22903
- anomalous two-dimensional potential fields in bipolar coordinates, spatial distribution 2—40870
- Antarctic ice sheet, radio-echo sounding, focussing effects in wavy strata 2—13613
- aquifers, application of radiation logging using gamma-gamma, neutron-neutron methods 2—40882
- automatic geological mapping using i.r. rock reflectances 2—16775
- bathymetric chart from hydrographic survey, high resolution of morphological features 2—26428
- brine inclusions in salt mines, r.f. absorption measurement 2—7222
- buried conductors, time-domain e.m. methods theory and application 2—33422
- conductivity meas., using two-loop technique, in range 50 to 150 kHz 2—33421
- d.c. resistivity methods, depth of investigation and vertical resolution 2—26427
- deep e.m. soundings of ocean, gradient methods 2—33436
- depth sounding, using combination of electrical methods 2—7215
- diagraphy, long distance, elec. field vertical component in borehole 2—22940
- electrical logging in anisotropic medium with inhomogeneous penetration zone 2—30190
- electrical model studies of the problem of nonlinear effects 2—26438
- electrical props. of cassiterite 2—26439
- electrically or magnetically responsive ores, e.m. prospecting apparatus for, patent 2—22931
- e.m., long-wire dip-angle method 2—30169
- e.m. probing 2—33420
- e.m. response of rectangular thin plate 2—27345
- e.m. surveying, interpretation of anomalies in phasor or vector diagrams 2—37094
- Fennoscandian continental array, P-wave velocity anomalies 2—30171
- gamma-field gradient, allowance for instrumental inertia 2—30202
- geological mapping, aeromagnetic and aeroradioactivity survey 2—16764
- geomagnetic methods at sea for sediment thickness and rock base investigations 2—1785
- geothermal areas, exploration 2—23239
- gravitational, relationship between variable values of stratified, mean and effective densities 2—30204
- impulsive wave method for geological survey 2—30223
- inductive method, reduction of effect of quasiperiodic noise by integration 2—7216
- inductive sounding, use of curvilinear feed lines 2—7217
- interpretation methods, analytical comparisons, magnetic prospecting techniques 2—26394
- i.r. imagery applied to shallow structure searching in desert areas, feasibility 2—16777
- Lakeshore ore body, sulphide Cu characterization, case history 2—30170
- magnetic basement rocks, magnetometer spectral determination of depth 2—13625
- magnetic field vertical component in marine magnetic survey 2—13792
- magnetic variation profiling, Weise's method. electric conductivity of earth's crust 2—10772
- magneto-telluric method, petrol, geological and mineral investigation 2—10700
- magnetotelluric and inductive methods for depth sounding 2—7215
- magnetotelluric anomalies produced by vertical fault 2—10687
- magnetotelluric sounding, conducting basement depth det., effect of first layer 2—40865
- magnetotelluric sounding, methods of data processing 2—33409
- mapping by high sensitivity airborne magnetometers, tectonics of sediments 2—33560
- mapping of natural resources in the Amazon using side-looking airborne radar 2—16744
- mass distributions from gravity anomalies, computer method 2—33400

Geophysical prospecting continued
- mineral deposits, gamma-gamma logging for density measurement, reliability improvement 2—30205
- mineral deposits, measurement of horizontal gradient of g 2—30143
- minerals on sea bed, oceanology 2—30222
- permafrost regions, low-noise dynamite experiment 2—30167
- portable gamma-ray scintillometer for radioactive ore prospecting 2—33423
- prediction error filters, computed from orthogonal coordinates, addition of white noise 2—33406
- quadrupole logging in homogeneous anisotropic rock medium 2—30148
- radar applications 2—33397
- radiation from layered structures, of variable thickness 2—30914
- regional tracing of reflecting horizon, division surfaces in Dnieper Donets depression 2—33412
- remote detection of terrestrial resources 2—22912
- remote sensing, technology evaluation for minerals and hydrocarbons 2—13612
- remote sensing for use in mineral exploration 2—4625
- remote sensing methods, comparison for geology applic. 2—16722
- remote sensing of Th, U and K in soils and rocks, low altitude gamma spectrometric surveys 2—37096
- resource inventory of Californian desert, remote sensing methods 2—20277
- review of newly developing fields 2—4631
- rock discrimination by spectral reflectance and photometric properties, remote sensing 2—37092
- satellite observations, effect of atmosphere 2—16796
- seafloor mineral exploration using system utilizing neutron activation analysis 2—30210
- seismic, quantitative evaluation of dynamic meas. 2—26434
- seismic attenuation method 2—20300
- seismic exploration, interpretation of data 2—30197
- seismic records, statistical method for evaluating the correlational properties 2—30198
- seismic surveys, signature of large air guns 2—30168
- soil moisture detection, imaging radars and aerial photography 2—30208
- soil resistivity meas. method 2—30229
- Southeastern Saskatchewan, groundwater studies, geophysical logging 2—30161
- subsurface structure detection by microwave radiometry 2—20267
- teleseismic P-waves, bandpass spectra, recorded at Hagfors Observatory 2—30177
- thermal i.r. imaging in aerial surveys of natural resources 2—30131
- underground hollows determ. by the use of artificial seismic waves 2—4639
- well logging, application of numerical methods 2—30149

Geophysics
- *see also Atmosphere; Earth; Oceanography; Seismology*
- absence of geodetic strain following earthquake sequence 2—30153
- aerial photography, fixing of 'planes position 2—40866
- altimeter experiment on Skylab S-193, objectives and capabilities 2—20225
- altimetry, satellite obs. and instrumentation 2—16727
- altimetry, Skylab 5193 expt. 2—16731
- anomalies with random parameters in noise, optimal algorithm for detection 2—1773
- arctic, remote measurements 2—16769
- Baffin Bay, gravity, magnetic and seismic reflection profiling obs. 2—40892
- Bergell tonalite aureole, progressive metamorphism of antigorite schist 2—40874
- Caribbean, plate tectonics and geological history 2—16754
- Central Asia, contemporary vertical movements of Earth's crust in seismo-active regions 2—30209
- Central Asia, horizontal inhomogeneities in upper mantle 2—30214
- Chandlerian wobble, excitation and damping of polar motion 2—33394
- chronostratigraphy, miopliocene volcanic rocks 2—16765
- clay deposits of N.W. Quebec, minerology 2—26452
- coherence of time sequence applications 2—1775
- complex interpretation of geophysical, geological and geochemical data 2—26392
- conductivity of a stratified section from curves of transient field soundings in an adjoining zone 2—30211
- continental drift; palaeomagnetic data analysis 2—33414
- continental drift, obs. of evaporites, hypothesis 2—22938
- core-mantle interface bumps and geomagnetic field and gravitational variations 2—1788
- cratering formulas and scaling methods 2—22943
- cross spectral techniques, concepts of coherence and phase lag 2—1775
- crustal movements, gravity compensation effects 2—22910
- crustal movements, obs. in exptal. polygon near Garm 2—30217
- digital filtering in data analysis 2—20222
- drilling, investigation of the temperature field in rock around a shaft 2—7235
- electric discharges in laboratory as model situation 2—26549
- electric field, pitch voltages, calc. 2—16756
- electromagnetic field, variation station measuring five components 2—23035
- electronic equipment, conference, (Washington D.C., August 1971) 2—16723
- energy-momentum tensor for linearized waves in material media 2—16718
- environmental and geophysical heat transfer, conference (Washington 1971) 2—22919
- equipment for obs. of velocity of sonic waves in rocks under pressure 2—20221
- Ethiopian tertiary dike swarms, mapping, tectonics 2—26458
- Eurasian continent, orogenetic history 2—22939
- European Hercynian orogenic belt, similarity to Andean Cordillera 2—33417
- Fennoscandia, regional magnetic anomalies and geology 2—41011
- flow, stratified, spin-up, theory and experiment 2—8885
- fluid flow, slow and viscous with free surface, solution by perturbation method 2—39066
- formation of ocean basins from a convective cell theory 2—7205
- frequency sounding study of field of a vertical magnetic dipole in a horizontally anisotropic media 2—30201
- freshwater lakes, thermal conductivity obs. 2—37117
- Galapagos triple function and plate motions in E. Pacific 2—40896

Geophysics continued
- general linear inverse problem, surface waves and free oscillations in determination of earth structure 2—40884
- geodynamics applications in astronomy 2—7361
- geological data processing, semantic coding 2—33442
- geological survey using impulsive sound wave method 2—30223
- geological surveys, use of thermal infrared scanners 2—20276
- geology, applic. of high pressure and temp. techniques 2—4624
- geology, classification of data 2—33430
- geomagnetic depth sound data in Western Canada interpretation in terms of electrical conductivity structure 2—16760
- geomagnetic depth sounding and crustal structure in Western Canada 2—13626
- geopotential in Cartesian coordinates 2—26389
- geotechnical data bank at Rhodesian Ministry of Roads 2—30232
- glaciation, late Precambrian, antigreenhouse effect 2—4684
- gravitational field variation, study of inner structure of earth 2—16752
- gravity and magnetic anomalied over Bowers and Shirshov Ridges in Bering Sea 2—16780
- holographic system for field work 2—22907
- hydrologic data collection, river and rainfall via geostationary satellite 2—20285
- hydrologic data collection via geostationary satellite 2—16792
- interpretation methods, analytical comparisons, magnetic prospecting techniques 2—26394
- i.r. imaging systems producing quantitative geoscience data 2—16730
- island arcs, anomalous structure, seismological evidence 2—16755
- isolines, automatic construction, using computer and plotter 2—30183
- Kii peninsula, Japan, crustal structure from seismic obs. 2—30207
- Labrador geosyncline rel. to Phanerozoic geosynclines 2—40891
- lakes, seasonal formation and movement of thermocline 2—37116
- lithosphere, recycling, plate tectonics 2—26451
- mantle layers, model for plate tectonic evolution 2—13624
- maps of magnetic field linear filters to suppress terrain effects 2—26546
- Mediterranean Sea, bathymetric, magnetic field and gravity measurements 2—30236
- microseisms, comparison at Berggiesshubel, Moxa and Cuba 2—26431
- mise-a-la-masse measurements, feasibility study 2—16759
- Moon, analysis of anorthosite 2—7511
- nomograms for interpreting curves of magnetic field formation soundings in horizontally isotropic media 2—30200
- orogeny and volcanism, current concepts 2—26450
- oscillations, long period, of various parameters, spectra 2—13672
- Pacific Ocean floor samples, fission track anal. of U in Mn 2—37101
- peleozoic granites of the Black Forest, age determination 2—1796
- permeability of beds, determ. by meas. of streaming potentials in a well 2—7233
- phase transitions, explosive or detonative 2—7207
- photogrammetric surveying camera UMK 10/1318 2—27688
- plate tectonic emplacement of upper mantle peridotites along continental edges 2—22933
- polar motion, short period terms in UT1, from periodograms 2—33395
- polar motions, discrepancy in time and latitude observations by PZT 2—33396
- potential fields, fundamental functional equation and a nonlinear method for the analytic continuation 2—26454
- potential fields transformation to an external plane 2—40871
- primitive Earth, working model of early Earth history 2—40863
- propagation and antennas, Conference, Los Angeles, (1971) 2—33486
- remote monitoring of earth's resources, symposium, Ann Arbor, Mich., USA (1971) 2—16720
- remote monitoring of earth's resources, symposium, Ann Arbor, Mich., USA (1971) 2—20273
- remote sensing methods, comparison for geology applic. 2—16722
- remote sensing of environment II, symposium, Ann Arbour, Mich., USA (1971) 2—16719
- resistivity sounding measurements, interpretation by application of linear filter theory 2—33418
- rift faults in E. Africa, radiometric dating of activity in Mesozoic 2—22934
- rock specimens, apparent dielectric constant, effect of salinity 2—26460
- sedimentary basin, dynamics of submergence and uplift by underlying phase-change boundary 2—40885
- sedimentary facies generation on spreading ocean ridge 2—26471
- seismic diffraction problems, elastic wave propagation 2—17372
- soil moisture meter, field neutron, vertical resolving power improvements 2—13629
- solar system applic. 2—30130
- statistical methods and instumentation, conference 2—1774
- statistical theory of interpretation of obs., physical aspects 2—40864
- structure of Scotia Sea and Falkland plateau from seismic refraction profiles 2—16779
- Tadzhik depression, tectonic information from geomagnetic soundings 2—30203
- Taiwan (Formosa), geological structure and tectonic evolution 2—40888
- Technocart, stereoplotter for terrestrial photogrammetry 2—27685
- tectonic activity of the Nevada Seismic Zone from microseismicity 2—20249
- tectonic regionalization of potential physical fields, use of correlation analysis 2—10684
- teledetection experiments, obs. 2—30141
- terrestrial radiation mapping using an image radiometer 2—20233
- testing unit vectors for correlation 2—23043
- tidal variations of gravity in central Antarctica, preliminary results 2—26402
- turbulent flows, numerical simulation, basic scale analysis 2—39090
- upper mantle structure variation in Australia, from obs. of P-wave anomalies of Cannikin explosion 2—26457
- volcanic ash and explosion holes in Massif Central Francais 2—10692
- volcanic-orogenic cycle based upon internal radioactive heat 2—7205

Germanium
- *see also Semiconducting devices; Semiconducting materials/germanium*
- absorption edge variation in amorphous state 2—40665
- adsorbed on W, thickness depend. of field emission 2—19796
- amorphous, extended X-ray absorpt. fine struct. obs. 2—3640
- amorphous, hopping cond., trap density distrib. elec. props. 2—4207
- amorphous, Na, K, Kr ion refl. coeffs., electronic stopping, surface effects 2—7902
- amorphous, Raman spectra, density of vibr. states detn. 2—16541
- amorphous films, high-resolution electron microscope observation of voids 2—9522

Germanium continued
angular dips, depth depend. for H^+ and D^+, backscatt. study 2—40111
atom, X-ray K-fluoresc. yields 2—8443
Brillouin scattering, at 6328 and 4880 Å, linewidth analyzed to give real and imaginary part of refractive indices 2—20082
channelling, effects of thermal vibrs. and impurity atoms 2—40108
channelling of ion beams, minimum yield temp. depend. 2—13063
chemical etching, in HF-H_2O_2-H_2O solns., kinetics 2—29084
chemisorption of organic gases, ellipsometric and gas-volumetric obs. 2—10619
chemisorption of organic gases, structure of adsorption complexes 2—1749
crystal, anomalous X-ray transmission, absorption effects 2—3711
crystals with dissolved Li, X-ray transmission study 2—19093
decoration, microtopography and physical properties of (111) face 2—12639
diamagnetic exciton energy levels 2—32897
diamondlike lattice, dynamics and vibrational spectra, valence force pot. calcs 2—19357
diffusion of lithium, temperature range 250-420°C, precipitation of lithium at 60°C 2—3815
dislocation, polarization and i.r. absorption 2—10381
dislocation dissoc. and mobility 2—39702
dislocation half-loop formion, by microhardness indentor 2—36032
dislocation mobility, illumination effect 2—32521
disturbed layer structure 2—36010
doped, direct optical coupling to surface excitations 2—33239
ductility, brittleness and strength, rel. to molten metal contact 2—29310
electron microscope sample prep. for transmission mode expts. 2—19032
electroreflectance spectra, direct verification of third derivative nature 2—13462
epitaxial film, dislocation density, rel. to deposition conditions 2—29035
epitaxial film, growth mechanism and struct., influence of $AsCl_3$ impurity 2—39513
epitaxial layers, grown in gas phase, dislocation struct. 2—6496
e.p.r. from clean surfaces, surface energy states 2—30009
exo-electron emission, after proton irradiation 2—4318
extraction, properties and applications 2—3925
film, condensed, effect of deposition conditions on profile and props. 2—32353
film, evaporated rock salt substrate. growth, struct., optimum epitaxial growth condition 2—6351
film, paratransmission of electrons 2—22440
film, r.f. sputtered, explosive crystallization by transient energy pulse 2—25202
gamma-irradiated, radiation defect level density, dose depend. 2—15742
heteroepitaxial film on GaAs, stress, orientation thickness effects 2—3534
hypersonic vel. meas., low temp. 2—4047
impurity precip. kinetics, correl. with dislocation character 2—3798
ion irradiated, disorder-order transition, sputtered atom ejection pattern studies 2—22370
for i.r. external transmittance 2—4430
light-sensitive defect form. by electron and neutron irrad. 2—12749
magneto-electroreflection spectrum at low temp., apparatus and heterojunction for obs. 2—22750
mean square displacement, bulk and surface atoms 2—22389
neutron diffraction topography study 2—3710
optical absorpt. by holes, indirect transitions role 2—1693
perfect crystal, multiple beam Borrmann effect 2—39602
phonon density of states, 80K 2—32809
phonon dispersion curve, perturbation theory calc. 2—12692
piezoreflectance, Γ transitions in E_0' region 2—10348
plastically deformed single crystal, internal friction 2—19165
plate, use in high resolution focussing X-ray monochromator 2—25285
positron annihilation in single crysts., temp. effects 2—25714
precipitation of Li, anomalous X-ray transmission obs. 2—15778
precipitation of Li, X-ray diffr. obs. 2—9813
Raman freqs., stress-induced shifts 2—20057
Raman scatt., temp. depend., cryst. vibrs anharmonic props. 2—16540
Raman spectra, resonant peak nature 2—33285
reflection coeff., ion irrad. effects 2—22727
refractive index, coeff. of temp. 2—7954
scattering or Ar ions, directional effects 2—36647
sputtering ratios under heavy ion bombardment, energy and ang. depend. 2—25706
surface, illumination induced stresses, surfaces pot. depend. 2—10314
surface struct., (111) face disturbances 2—29002
thermal conductivity, low temp. 2—6691
thermal conductivity, low temp. 2—4081
thermoreflectance in E_0 region 2—10347
thin cryst., particle channelling, angular distrib., continuum picture 2—36386
thin crystal, ion irrad. damage and annealing 2—22180
three phonon U-resistances, first two bounds calc. 2—32808
u.s. attenuation and thermal cond., low temp. 2—29532
vacancy formation and migration energies, pseudopotential calc. 2—18964
whiskers, growth by vapour-liquid-solid method, and morphology 2—39538
X-ray diffr. meas., F_{222} obs., bonding electron density meas. 2—3702
X-ray diffraction in nearly perfect crystals, Laue case 2—9398
zone melting, temp. field determ., comparison with theory 2—9361
in As_2Se_3 galss, effect on crystn. rate 2—28974
BeO:Ge, phosphor, thermolum. props. 2—29970
CdSb:Ge layers, doping and elec. props. 2—36046
in GaAs epitaxial layers, effect of $AsCl_3$ conc. on incorporation 2—9276
GaN:Ge epitaxial layers, photolum., carrier conc. depend. 2—36928
Ge:H, Ge-H bond parameters rel. to atomic muon dimens. 2—28225
Ge:Hg, growth by gas transport, and specific resist. meas. 2—29095
Ge:Na, constant vapour source diffusion, solubility detn. 2—36056
Ge:P, electron-phonon scatt. and phonon cond. 2—32854
Ge:P, γ-irrad., impurity-vacancy complexes 2—15741
Ge:P,As,Sb,Bi, γ-ray irrad., role of impurities in defect form 2—15777
Ge:Sb, Li, irrad., impurity-vacancy complexes 2—12756
Ge:Te, precipitate form. on growth dislocations 2—12770
Ge-Cl_2-H_2 system, reactions, equilib. const. 2—30037
p-Ge, neutron irradiation damage at 70 K, meas. isochronal annealing curves 2—29168
Ge III, cryst. struct. stability, force constant study 2—22096
Ge(Li) and Si(Li) X-ray detectors, efficiency curves, and X/γ ratio for calibration sources 2—24068
Ge(Li) detectors, long lived standards for efficiency calibration 2—27884
Ge(Li) gamma-ray detectors, relative efficiency from 0.5 to 12 MeV 2—14764
Ge(Li) gamma-ray spectra, minimum detectable photopeak areas 2—21322
Ge(Li) gamma ray spectrometer relative intensity calibration from meas. of ^{182}Ta and ^{180m}Hf spectra 2—443
Ge(Li)—NaI(Tl) coincidence-anticoincidence gamma ray spectrometer 2—24070

Germanium compounds
germanate, laser host cryst., top-seeded soln. growth 2—12696
germanates, normal II-IV spinels, i.r. spectrum, vibrational assignment 2—10382
germanates, olivine-spinel transformation, crystal field effect and ionic radius ratio 2—1386
germanides, transition metal, crystal chemistry 2—9349
germanides, TT′Ge type, T and T′=d-type transition metals, struct. relns. 2—18969
germanium acetate, lattice parameters and space groups 2—19063
luminescence, phosphors, in host lattice $ABGe_2O_6$ A,B=Ca, Sr, Ba 2—4503
Ag-Ge, thermodynamic analysis 2—22341
Al-Ge, deviations from Matthiessen's rule 2—16141
Al-Ge dil. alloys, elec. field gradients 2—1732
Al-Ge eutectic alloy, splat cooling on diamond substrate 2—18926
Al-Ge film, normal and supercond. props. 2—32926
Al-Ge system, metastable phases, obtained by rapid solidification 2—36296
As-Ge-Te, glassy system, elec. cond. variation with temperature 2—4151
As_{20}-Te_{70}-Ge_{10}, amorphous semiconductor films, condition for memorization by laser light pulse 2—4188
Au-Ge-Ni, ohmic contact on n-GaAs, specific resistance 2—29715
Au-Ge-Si alloy, viscosity and glass formation 2—32721
Au-Ge, thermodynamic analysis 2—22341
Cd-Ge-As, ternary system, glass forming region, phase transition temps. 2—15636
$CdGe_xAs_2$ glass, i.r. absorpt., rel. to struct. 2—10374
$CdGe_xP_2$ glass, i.r. absorpt., rel. to struct. 2—10374
Ce-Ge system, phase diagram and existence of germanides 2—9832
Cu-Ge, thermodynamic analysis 2—22341
Cu-Ge dil. alloys, elec. field gradients 2—10539
Cu-Ge dil. alloys, low field magnetoresistance 2—1474
Cu-Ge solid solution, anelasticity, stacking fault energy effect 2—9636
FeGe, cubic ferromagnet, resonance obs. 77-290 K rel. to spin saturation 2—7112
23 at.%Ge-Ag alloy, metastable h.c.p. phase decomp., precip. 2—39978
Ge-Al alloy, vacancy-Ge binding energy determ. 2—32505
Ge-As solid solution, pseudodislocational interactions, dispersion strengthening 2—39697
Ge-Co-Fe alloy, mag. hyperfine spectra, Mossbauer obs. 2—40620
Ge-Cr alloy, phase equilibria at high Cr content 2—32761
Ge-Cu alloy, liq., excess free enthalpy of mixing 2—32255
Ge-Cu solid soln., dislocation struct. of deform. twins, Burgers vectors 2—29182
Ge-Cu solid soln., precip. Kinetics 2—6639
Ge-Fe alloys, liq., mag. susceptibility, temp. and conc. depend. 2—15611
Ge-Li system, free energy of mixing 2—1370
Ge-Mn alloys, liq., Hall coeff. and elec. resist. 2—15608
Ge-S glass, thermal analysis rel. to structural model 2—12628
Ge-S system, fusibility diagram 2—1138
Ge-Sb(As)-Se glass, elec. cond., effect of low temp. annealing 2—36516
Ge-Se-As, amorphous semiconductor, film, memory state optically induced reversible change 2—13256
Ge-Se-In system, cryst. samples, switching phenomena 2—25822
Ge-Se-In system, cryst. samples, elec. props. 2—25821
Ge-Se-Te glass, density, softening temp., hardness and elec. props. 2—35846
Ge-Si alloy, Raman spectra, bond vibr. bond vibr. and interband resonance 2—20068
Ge-Si alloys, heavily doped, resistivity, electron scatt. by phonon, acoustic and ionized impurity modes 2—32982
Ge-Sn solid soln., Mossbauer effect solid soln., of ^{119}Sn, quenching effect 2—29886
Ge-Te alloy, amorphous, band struct. and transport props. 2—19646
Ge-Zn alloy, liq., excess free enthalpy of mixing 2—32255
$Ge_{55}As_{33}$-Se_{12}, TI-20 glass refractive index and index homogeneity 2—34541
GeBr, u.v. absorption spectra 2—5928
$GeBr_4$, i.r. spectra, frequency assignment 2—35248
$GeCl_4$, depolarization ratios of isotope lines 2—38941
$GeCl_4$, i.r. spectra, frequency assignment, symmetry forbidden bands from $\nu_2(e)$ mode 2—35248
$GeCl_4$, vibratory spectra, intensities, electro-optical parameters 2—32267
GeF_2, vacuum u.v. spectra, assignment 2—12194
GeH, anomalous doublet splitting in $^2\Delta$ states 2—3063
GeH_2, prod. in vacuum u.v. photolysis of GeH_4, i.r. spectrum, frequency assignment 2—8616
GeH_3 prod. in vacuum u.v. photolysis of GeH_4, i.r. spectrum, frequency assignment 2—8616
GeH_4, absorption spectra, 2-17 μ region, vibrational band analysis 2—21601
GeH_4, analogue to ionized inert gas, mol. orbital determ. from vac. u.v. and photoelectron spectra 2—18409
GeH_4, i.r. absorption spectra, 250 to 5000 cm^{-1} 2—12128
GeH_4, in Ar matrix, vacuum u.v. photolysis products 2—16687
GeH_4, photoelectron spectra 2—8795
GeH_4, vacuum u.v. photolysis, i.r. spectra of prod. GeH_2 and GeH_3 2—8616
GeH_4 and GeD_4, solid, mol. motion, n.m.r. obs. 2—10265
GeH_2Br, prod. in vacuum u.v. photolysis of GeH_3Br, i.r. spectrum, normal coordinate anal. 2—12127
GeH_3Br, six isotopic species, pure rotational spectra 2—18421
GeH_3Br, vacuum u.v. photolysis, i.r. spectra of prod. matrix isolated GeH_2Br 2—12127
GeH_2Cl, prod. in vacuum u.v. photolysis of GeH_3Cl, i.r. spectrum, normal coordinate anal. 2—12127
GeH_3Cl, vacuum u.v. photolysis, i.r. spectra of prod. matrix isolated GeH_2Cl 2—12127
GeH_3I, four isotopic species, pure rotational spectra 2—18421

Germanium compounds continued
GeH_2X_2 (X=F, Cl, Br, or I), photoelectron spectra 2—21643
GeH_3X (X=F, Cl, Br, or I), photoelectron spectra 2—21643
Ge(Li) radiation detector, escape peak to photopeak photons ratio calculation 2—5593
Ge_3N_4, in m.i.s. struct., trap levels and barrier heights determ. 2—10101
GeO molecule, first ionization potential, obs using electron impact mass spectrometry 2—12102
GeO_2, amorphous, extended X-ray absorpt. fine struct. obs. 2—3640
GeO_2, amorphous, fluctuation levels, photocond. obs., −180 to 100°C 2—10137
GeO_2, e.p.r. of Mo^{5+}, A-tensor, charge compensation 2—33339
GeO_2, i.r. reflectance, phonon freq. and dielectric const. detn. 2—20002
GeO_2, metastable phase, epitaxial growth on SiO_2 2—19016
GeO_2, pulverized, active centres, e.p.r., thermolum. 2—10522
GeO_2, rutile-type, cryst. struct. 2—6435
GeO_2, vitreous, ionic cond., freq. and temp. depend. 2—25919
GeO_2, vitreous, photocond., rel. to band struct. model 2—22644
GeO_2, vitreous, pile irradiation, struct., X-ray and neutron diffr. 2—22056
GeO_2 vitreous and partially devitrified, diffusion and solubility coeffs. of He, Ne, Ar 2—39730
GeS, amorphous and crystalline, reflectivity obs., 0.5-21 eV 2—20015
$GeSe_2$-Te system, stratification regions and glass formation 2—35847
GeSe, liq., Hall effect 2—9156
$Ge_{33}Se_{55}As_{12}$, chalcogenide glass 20, thermal expansion measurements, from 30 to 250°C 2—36353
$Ge_{33}Se_{55}As_{12}$ nonoxide chalcogenide glass, thermal expansion measurements from 10 to 300K 2—36356
Ge_2SeTe_7, amorphous semicond., transient characteristics, filamentary plasma model 2—16248
GeTe:Mn e.s.r. Lorentzian shaped lines, corrections to meas. of line width and resonance field 2—36975
GeTe-$AgSbTe_2$, band gap width dependence on composition from thermoelectric power and elec. conductivity meas. 2—32999
GeTe-SnTe, alloy, film, plasmon energy, electron energy loss spectra, electron microscope obs. 2—4143
GeTe, Mossbauer effect of ^{129}I, isomer shift and effective charge 2—1673
GeTe, pressed powder, texture 2—1379
GeTe, rotational transition $J=2\rightarrow3$, hyperfine structure meas. 2—8615
GeTe, thermal expansion near rhombohedral to f.c.c. transition 2—1396
GeTe condensed film, effect of deposition conditions on profile and props. 2—32353
GeTe film, semiconductor amorphous to polycrystalline phase transition kinetics rel. to switching 2—40256
$Ge_{15}Te_{81}S_2As_2$, amorphous semiconductor, effect of hydrostatic pressure on VA characteristics 2—9984
^{72}GeO, ^{74}GeO, electronic transition and isotopic effect 2—31793
Ged anomalous doublet splitting in $^2\Delta$ states 2—3063
La_2O_3-GeO_2 system, crystallization, X-ray and optical obs. 2—1209
Nb-Al-Ge film, high vac. annealed, supercond. props. 2—40200
Nb-Al-Ge films, supercond., critical parameters 2—32942
Nb-Ge-Al alloy, low temp. cubic- tetragonal transform. 2—9817
Nb_3(Al, Ge) films, vacuum deposited, supercond. props. 2—40208
$5PbO.3GeO_2$, ferroelec. cryst., elastic, piezoelec. and dielec. constants 2—22617
PbSe-$Ge_{1.5}As_{0.5}Se_3$, double glass transition, heat capacity obs. 2—18902
Si-Ge-As-Te glass, glass-forming region and DTA study 2—15637
Si-Ge alloys, helical surface, etch pit obs. of impurity segregation 2—6331
Si-Ge alloys, i.r. absorpt. of lattice and local modes 2—13483
Si-Ge alloys, localized vibr. modes of B-Li pairs 2—13482
Ta_2O_5-GeO_2 system, X-ray and optical studies 2—1412
Te-As-Ge-Si glass switching system, nature of ON-state 2—22577
Te-Ge-Se system, amorphous semiconductor, structure and elec. props. 2—29675
$Te_{48}As_{30}Ge_{10}Si_{12}$, glass, switching and memory effects 2—16214
$Te_{0.81}Ge_{0.15}As_{0.04}$, memory state, superconducting props. 2—16168
$Te_{81}Ge_{15}As_4$, glass, switching and memory effects 2—16214
$Te_{81}Ge_{15}Sb_2S_2$, amorphous film, light induced memory 2—19653
V-Ti-Ge, Ge alloying effects on creep and creep strength 2—1295
Y-Ge system, phase relationships, thermal, microscopic, chemical and X-ray analyses 2—9839

Getters
ion pump, with cold cathode, characteristics 2—33827
nonevaporable, possibilities and limitations 2—41389
orbitron getter-ion pump, characteristics and performance 2—33826
pumps, zeolite traps, characteristics 2—33828
Ti sublimator, radiant heated, operating characs. 2—41388

Giant pulsations *see Earth/magnetic field; Magnetic storms*

Gibbs function *see Thermodynamic properties*

Ginzberg-Landau theory *see Superconductivity*

Glaciers
Antarctic and Greenland ice sheets $^{18}O/^{16}O$ isotope profiles 2—22941
late Precambrian glaciation, antigreenhouse effect 2—4684
liquid-filled cracks, velocity 2—22904
polar ice sheet, radiowave propagation, h.f. and u.h.f. 2—16860
report, including other large ice masses, covers dynamics, thermodynamics and time changes 2—20270
water flow at base of glacier or ice sheet, general theory, review 2—40901

Glass
see also Optical materials; Vitreous state
3-methylpentane glass at 77K, γ-irradiated, thermoluminescence obs. 2—4516
absorption spectra, coloration by transition metal halide complexes 2—36886
adhesion of colloidal SiO_2 2—32395
adhesion of metal films, tangential shear meas. 2—3977
aerosols, particle conversion into droplet state 2—9191
alcohol glasses, radiolysis and electron trapping 2—13593
alkali borate, e.p.r. and optical spectra of VO_2^+ 2—40763
alkali borate, trapped electron centre, X-irradiation induced, e.s.r. and optical obs. 2—20137
alkali metal nitrates, vibrational spectra as functions of phase 2—35768
alkali molybdates and tungstates, vitreous and molten 2—35844
alkali silicate melts, binary diffusion of alkali metal cations 2—35751
alloy, glass forming tendency, theory 2—9224
aluminoborosilicate, alkali-free, elec. props. 2—36580
atomic vibrational properties, numerical studies 2—36313
benzylamine tartrate organic substrate, for C film in elec. microscopy 2—9260

Glass continued
binary borosilicate, vapour deposited films, i.r. absorption spectra 2—16484
borate, containing Gd and Tb ions, in luminescence quantum efficiency and energy transfer 2—16620
borate, Tb and Ce activated, stability to flow of accelerated electrons 2—36957
borosilicate, film, nondestruct. detn. of comp. and thickness 2—1174
borosilicate, film on Si, B diffusion source, i.r. absorp. 2—16483
borosilicate, irrad. damage threshold 2—36250
borosilicate, optical crown, det. of acoustic wave velocity in, using vibration transducer 2—25672
borosilicate, Tb and Ce activated, stability to flow of accelerated electrons 2—36957
borosilicate, van der Waals forces obs. using dynamic technique 2—39028
borosilicate film in m.i.m. structure, space charge effect on elec. strength depend. on insulator thickness 2—29734
borosilicate rod, bend strength meas., effect of conditions 2—29287
BSC-2, laser glass, direct nondestructive measurement of self focusing 2—26099
calcium phosphate, containing Nd, fluorescence of divalent manganese 2—4493
cathodluminescence, Tb-activated, obs. 2—16634
ceramic, mech. props. and crystn. 2—35978
chalcogenide, between metal electrodes, switching processes 2—19634
chalcogenide, glass transition 2—9225
chalcogenide, Hall effect anomaly calc. 2—22518
chalcogenide, model for elec. cond. mechanism 2—19628
chalcogenide glasses, small polaron hopping motion, investigation via measurements of charge transport processes 2—32986
characteristic parameters, repeatability no., Deborah no. and critical cooling rates 2—18893
chromatograph, gas-liquid, all-glass capillary design 2—30102
coatings for strain sensitivity reduction in steel cores 2—39925
coloured, heat resistant, low coefficient of expansion, for optical filters 2—38130
composite, bead filled epoxy resin, fracture toughness 2—36105
composites, brittle matrix, characterisation of the matrix 2—1306
composites, brittle matrix, uniaxial strength 2—1307
composites with epoxy resin, post irrad. mech. props. 2—1382
container, strength determ. by biaxial stress method 2—29288
contamination, due to melting in Pt crucibles 2—18895
Corning crown glass, thermal expansion measurements, from 30 to 250°C 2—36353
corning glasses, electron induced luminesc. meas. 2—33325
crystal composite, internal stresses, transition temp., dilation obs. 2—6629
crystallization, nucleation mechanism 2—39592
crystals in bubbles, method for analysis 2—32315
daltronides, berthollides and inorganic glasses, review 2—18896
damage due to laser pulses, role of cross-sectional energy distributions 2—7912
diaphragm, sintered, plugging by distilled water 2—25611
doped with transition metal ions, space charge limited hopping cond. 2—40239
elastic fibres, strength and treatments for enhancement 2—36263
electrical conduction mechanism, temp. effects 2—40333
electroconducting glasses, properties 2—25802
electron beam analysis, particular ref. to Na and F 2—22899
electron irradiation, charge transfer 2—22053
electron microscope examination, review 2—15634
electron spectroscopy, material and structural analysis 2—22141
electron-conducting, bistable conductivity behaviour in thin film covalent material, uses of 2—16202
electrostrictive laser beam focusing, and small scale track formation 2—29862
e.s.r. spectra obs. under hydrostatic pressure, spectrometer modification 2—27370
extrusion, flow behaviour 2—22331
fatigue, effect of high H_2O press. 2—15883
fibre, distinguishing between 'A' and 'E' type, microscope obs. 2—39963
fibre, Gd^{3+} activated, e.p.r. obs., struct. 2—10521
fibre, in composite, mech. strength 2—39805
fibre, mechanical strength, effect of vibrations 2—19195
fibre, viscosity meas., torsional method 2—1291
fibre blanket, heat transmission factor meas., cryogenic temp. 2—17433
fibre optics, flexible, mechanical properties 2—34536
fibre waveguide, angular distribution of scattered light det. 2—38124
fibre waveguides, liquid-core, transmission loss obs. 2—38123
fibre waveguides, single and multimode, launching and collection systems 2—31123
fibre-epoxy resin specimens, mechanical properties 2—3890
fibreglass, mounting parameters for test specimens 2—29457
fibreglass rod, tensile strength, effect of surface softening 2—39804
fibres, clad, stress-optical coeffs., Tardy's method 2—33198
fibres, diameter measurement during drawing, optophotoelectric sensor 2—38097
fibres, low loss, for optical communication transmission lines, recent developments 2—38105
filaments, type E, stress corrosion cracking mechanism 2—39843
flexural strength, coaxial ring test 2—15866
fluorescence of indoles and purines in glass forming solvents, temp. dependence in range 77-298 K 2—10435
fluoroberyllate, laser glass, rare earth doped, fluorescence and absorp. spectra 2—29961
foamed, heat transmission factor meas., cryogenic tenp. 2—17433
fractured, stochastic analysis 2—1328
germanate glass:Nd^{3+}, spectral and laser props. 2—20102
glass-ceramic enamel, mixed crystallization modes 2—22344
glass-reinforced polyester systems, compression moulded, mech. props., analysis 2—29290
glass-water system, phase transition, heat effects, dimens. changes in temp. cycles, 237-278K 2—35922
glucose, time dependent heat capacity in transition region determ. by differential thermal analysis 2—6680
Hertzian cone-crack growth, section-and-etch study 2—9699
hole theory applic. to transition phenomena in polymers 2—3460
isopaustic, delay time variations and instabilities 2—16023
jet, variable viscosity, importance of two-dimensional fluid mechanics 2—1056
Kerr effect at 5 MHz in different optical glasses 2—23699

Glass continued
Kerr effect origins 2—36812
laser, Nd^{3+}:glass, giant pulse prod. 2—23611
laser, Nd, ring cavity, mode locking 2—5373
laser, surface damage threshold studies using holography 2—27505
laser, transient phase objects, holographic detection 2—23609
laser damage, plasma form. at surface and internal cracks 2—33213
laser damage, thermoluminesc. obs. 2—1240
laser glass damage investigation, plasma formation and fracture 2—26098
laser radiation self-focussing and filamentary damage 2—13429
lenses, statistical evaluation of reliability from mechanical strength data 2—27618
low loss, for use in optical fibre waveguides, prep. and props. 2—34537
luminescence of Nd^{3+}:glass, spectral asymmetry 2—1711
lunar fines, electron microprobe obs. 2—20643
lunar soil fragments, electron microprobe obs. 2—20645
magnesium metaphosphate, Mn^{2+} activated, excitation and emission spectra, conc. depend. 2—20105
material dispersion in glass fibre waveguides, bandwidth limitation 2—27628
measurement of optical Kerr constant and nonlinear indices 2—33201
mechanical strength, variations due to external factors 2—39972
melt heating, convection current model 2—28749
melting of K, OK, LF, TBF and OF types in graphite crucibles in vacuum and inert gases 2—35821
metal, glass forming tendency, theory 2—9224
metal-chalcohalide glass-metal diode struct., freq. characts. 2—6862
methylcyclohexane glass, biphenyl doped, isothermal deferred luminescence, electron tunnelling mechanism 2—4515
methyltetrahydrofuran glass energy levels structure of trapped electrons deduced from photoconducting and bleaching 2—36615
2- methyltetrahydrofuran irradiated glasses, study of trapped electron 2—26377
microhardness meas., using Vicker's diamond indenter, influence of loading time of indenter and environment of testing 2—6584
Mie scattering by spherical particles in low-loss glass for optical waveguides 2—7988
milky, depth attenuation and absorption coeff., calc. from two-parameter approx. theory and Rozenberg theory 2—26113
molten, temp. meas., laser beam attenuation method 2—37827
multicomponent silicate optical, electron and proton radioluminescence 2—4519
multimode fibres, pulsed propagation from laser, evaluation of communication potential 2—31122
Muong Nong and Libyan Desert, gas inclusions, mass spectrometric analysis 2—37374
nuclear track detector, efficiency calibration 2—14775
optical, polishing mechanism, effect of surface layer hardness on rate 2—6305
optical and coloured, laser damage 2—27513
optical constants, ellipsometric determ. in extreme u.v 2—16461
optical dispersion, absorption centre effects 2—22726
optical low-loss, attenuation meas., using twin beam spectrophotometer 2—8036
optical polarization, intensity-induced changes 2—16418
organic, γ-irradiated, scavenging kinetics of electrons, long range tunnelling 2—40831
organic, nucl. mag. relax. by non-paramag. impurities, low temp. 2—10275
perchloric acid, refutation of reported discovery of H_3O and D_3O 2—37054
phase separation, small-angle X-ray scatt. obs. 2—32316
phosphate, transform. temp., rel. to cross-linking 2—15635
phosphors-glass interaction, halophosphate, Mn effect on binder burning-out 2—29965
phosphosilicate, m.o.s. stabilization 2—1549
photochromic, activated, use as 3-D holographic media 2—11492
photochromic, containing iodine, techniques for founding 2—5439
photochromic, model for relaxation process 2—3454
photometer for measuring total light absorption in high- transmission 2—5427
phototropic, Ag-halide containing, phase separation 2—12627
polyacrylates, ionic, glass transition temp. 2—28982
polyatomic, X-ray and neutron diffr., limitations of Fourier calc. 2—22055
polymers, PVC, PS, PMMA, PPO, time dependent heat capacity in transition region determ. by differential thermal analysis 2—6680
porous, adsorbed water layer, Ar adsorpt., thermodynamic props. 2—35913
porous, e.s.r. of Ag atoms on surface 2—1164
porous, e.s.r. of Ag atoms on surface 2—1163
porous, Vycor, adsorpt. of O_2, surface area, heat of adsorpt., e.p.r. obs., 77K 2—35912
Pyrex, adsorption of mixed gases at very low press. 2—39564
quartz, high temp. and u.h.f. dielec. props. 2—19746
refractive index and optical path length, effects of temp. 2—7038
reinforcement of epoxide and polyester resins, dynamic properties 2—3832
scattering of laser beam at polished glass surfaces, sensitive dark-field examination of polished sample 2—14447
scintillator ionization spectrometer, hadron energy measurement 2—11657
semi-transparent filament, radiative transfer through axially symmetric boundary layer 2—6685
semiconducting, chalcogenide, pressure and frequency dependences of threshold voltage, delay time, thermal switching 2—16220
semiconducting, Ovshinsky switching, double injection 2—32990
semiconducting, protonic, elec. cond. 2—40232
semiconducting filter, absorption, transmission and luminescence spectra 2—22757
semiconductor, $Ge_xSe_{1-x}(Te_{1-x})$, thin film struct. and neutron damage 2—1516
semiconductor, hopping transport, mixed valence states 2—9997
semiconductor, non-ohmic behaviour and switching 2—19632
semiconductor, phys. props., review 2—40224
semiconductor, weak absorpt. tails and localized states 2—33248
semiconductor film, negative differential cond. due to electrothermal instabilities 2—6802
sheet, acoustic insulation 2—29522
short cylinders, longitudinal mode resonances 2—17361
silica, fused, solubility of gases 2—35849
silica, sputter topographies, evolution, secondary processes 2—39466
silica, thermal expansion, cooperative measurements using pushrod dilatometers 2—16045

Glass continued
silicate, diffusion controlled decomposition, crystallization, small angle X-ray scatt. 2—3453
silicate, fatigue, dynamic and static, fatigue curves 2—32591
silicate, heterogeneous structure, investigation using luminescence 2—39442
silicate, Raman spectra, phonon densities of states 2—19386
silicate, Tb and Ce activated, stability to flow of accelerated electrons 2—36957
silicate, u.v. absorpt. of Pb 2—16497
silicate glaze, i.r. reflection spectra rel. to comp. 2—36854
silicate glaze, i.r. reflection spectra rel. to struct. 2—28972
silver germanate, polymerization, i.r. study 2—15638
soda, rare earth doped, sensitivity to crystalline environment of impurity ions, meas. techniques 2—9223
soda borosilicate, uniaxial bend strength, struct., abrasion water content 2—1306
soda borosilicate, vacuum hot pressed, mechanical strength 2—1307
soda lime, ionic cond., electrode polariz. effects 2—22611
soda-baria-silica system, crystallization, nucleation 2—3457
sodaborate, with ZnO, X-irrad., e.p.r., comp. depend. of Zn^+ signal 2—26284
sodium borosilicate glass dispersed composite system, fracture energy, strength 2—32624
sodium silicate, containing Er/Ho, fluorescence of divalent manganese 2—4493
for solar devices, selectively transparent thermal insulation 2—23705
solarisation of glass transmitting u.v. light 2—11525
specific heat, low temp. anomalies, rel. to lattice mechanics 2—22419
spectral reflectance in near i.r. 2—26112
spectrophotometer calibration for specular light, by means of stacked glass plates 2—17734
sphere flotation in water, wettability effects, simulation of inclusion flotation in steel 2—3414
sputtering, photon emission during ion bombardment 2—10357
static fatigue, crack growth rel. to water reaction 2—36161
stressed, fracture branching and dicing model 2—1322
strontium borate glasses, e.s.r. of Mn^{2+} 2—16648
structural relaxation, multiparameter model 2—12626
structure, combined electron microscopy and energy loss analysis 2—18898
structure, inferred from computer simulation of mag. reson. spectra 2—39435
structure, X-ray and neutron diffr., quasicrystalline model 2—18897
structure, X-ray fluoresc. obs. 2—9222
structure study by X-ray emission spectroscopy 2—39436
substrate for Cr film, adhesive mechanism interface 2—39501
substrate for Ni electroless deposit, interfacial properties 2—32372
superachromatic glass triples and colour correction, tables 2—23682
surface, crystal growth by e beam bombardment, in-situ obs. 2—39437
surface, spreading kinetics of polydimethylsiloxane 2—25177
surface composition, Auger spectroscopy study 2—29003
surface composition anal. using ion scattering spectrometry 2—20216
surface composition analysis by ion scatt. spectrometry 2—39454
surface Rayleigh wave propagation, electrodynamic transformer props. 2—27228
surface roughness, effect of mech. and chem. interaction with steam-water mixture 2—35870
surface-treated, Rayleigh wave dispersion for stress profile obs. 2—39768
tellurite based, effect of added oxides on optical properties and crystallizability 2—27619
thallium aluminogermanate, polymerization, i.r. study 2—15638
thallium germanate, polymerization, i.r. study 2—15638
thermal expansion coeff., discontinuities in temp. dependence 2—36357
thermal expansion for pairs of different comp., fusion method 2—25687
thermal props., low temp. anomalies 2—9885
thermoluminescent dosimetry, fading, trap model 2—29972
transition metal oxide phosphate, elec. and mag. props. 2—32967
triboluminescence, sand blasting technique, powder samples 2—4526
ultracold neutron absorption, total cross section 2—18250
ultrasonic machining, det. of acoustic load impedance 2—37763
viscosity, in temp. interval of softening and annealing, meas. instrument 2—21938
volcanic, radioactive dating, effect of water content on fission track annealing 2—26463
window, fracture analysis 2—39844
window glass stabilization, change in stress-optical coeff. 2—29879
$2MgO.2Al_2O_3.5SiO_2.Ni$, e.p.r. 2—30013
Ag_2O-P_2O_5, i.r. and visible spectra, struct. 2—40655
AlNa silicate glasses, Nd-doped, Al coordination effect on spectroscopic properties of activator 2—26211
As-Ge-Sb, elec. cond., effect of low temp. annealing 2—36516
As-S, hologram formation mechanism 2—23634
As-Te-I system, thermal, structural and elec. props., comp. dependend. 2—22526
As-Te, switching processes and related struct. changes 2—29658
As-Te system, glass-forming ability vs. local order and covalency 2—39438
As_2S_3, interband spectra, Kramers-Kronig analysis of interband refl. 2—22748
As_2S_x system, microstructure, comp. depend. 2—18900
$As_2S_3Ag_x$, x<0.977, elec. props., transport mechanism 2—13217
As_2Se_3, crystallization rate, control by impurity addition 2—28974
As_2Se_3, interband spectra, Kramers-Kronig analysis of interband refl. 2—22748
As_2Te_3, semicond., vaporization and sublimation 2—25156
As_2Te_3 and $As_2Se_3.As_2Te_3$, glass-cryst. transition influence on local symmetry 2—1670
B, Li, N_2, Th, U determination using nuclear track technique 2—7200
B_2O_3, diffusion of He, Ne, A, D_2 desorption rates, diffusion coeffs., activation energies 2—3819
B_2O_3, Raman spectra, assignments made for observed lines, existence of B=O double bond 2—26189
BaO-B_2O_3, effect of liquation on mech. and viscous props. 2—35848
BaO-SiO_2, γ-irrad., e.p.r. and absorpt. spectra 2—30015
BeF_2, struct., neutron and X-ray diffr. obs. 2—25160
BeF_2, X-ray diffraction patterns and structure determ. at 25°C 2—22054
BeF_2 base, e.p.r. of transition metal ions 2—10496
C, irradiation induced length changes 2—39439
CS_2-3-methyl pentane system, γ-radiolysis, CS_2^- form. 2—7185

Glass continued
$Ca(NO_3)_2$-KNO_3 melt, glass transition, u.v. absorpt. spectra 2—18901
CaO-MnO-SiO_2 system, elec. props., comp. and temp. depend. 2—36579
$CdGe_xAs_2$, i.r. absorpt., rel. to struct. 2—10374
$CdGeP_2$, elec. cond., 450-860K, rel. to struct. changes 2—36498
$CdGe_xP_2$, i.r. absorpt., rel. to struct. 2—10374
Cr complexes, rigid glasses, refl. and luminesc. spectra 2—10376
Cs_2O-B_2O_3, n.m.r., effect of ionic motion 2—30025
Cs_2O-B_2O_3, n.m.r. study of struct. 2—30026
Cs_2O-M_2O-SiO_2, (M=Li, Na), refr. index, density and thermal expansion 2—28975
Cs_2O-SiO_2, electrical conductivity, activation energies, Anderson-Stuart model, two phase model 2—3458
Cu-As-Se, switching phenomena, elec. behaviour. rel. to Cu content 2—13227
Fe_2O_3-rich, anomalous mag. behaviour 2—33132
Ge-S, thermal analysis rel. to structural model 2—12628
Ge-Se-Te system, density, softening temp., hardness and elec. props. 2—35846
$Ge_{55}As_{33}Se_{12}$, TI-20, refractive index and index homogeneity 2—34541
$GeSe_2$-Te system, stratification regions and glass formation 2—35847
Ge_xSe_{1-x}, thin film struct. and neutron damage 2—1516
$Ge_{33}Se_{55}As_{12}$, chalcogenide glass 20, thermal expansion measurements, from 30 to 250°C 2—36353
$GeSi_{1.2}As_3Te_{4.8}$ film, switching noise 2—22530
Ge_xTe_{1-x}, thin film struct. and neutron damage 2—1516
K_2CO_3-SiO_2 glass system, i.r. and X-ray spectra study 2—28973
$K_2CO_3.CaCO_3.SiO_2$ structural changes, analysis by i.r. and X-rays 2—1154
KNO_3-$Cd(NO_3)_2$, positron lifetime, temp. depend. through phase transition 2—36374
K_2O-SiO_2 electrical conductivity, activation energies, Anderson-Stuart model, two phase model 2—3458
$K_2O.3SiO_2$, diffusion coeff., effect of specific activity 2—15792
$K_2O.3SiO_2$, Frenkel pairs form. 2—1249
La flint ultrasonic attenuation and velocity meas. 2—6665
Li-Na-Si, partially crystallized, spontaneous deformation phenomena 2—12629
$Li_2B_4O_7$ thermoluminesc. processes, trapping centres, e.s.r. obs. 2—29976
Li_2O-Al_2O_3-SiO_2, metastable phase separation and crystn. 2—25161
Li_2O-SiO_2-P_2O_5, crystallization, electron microscopy 2—6291
Li_2O-SiO_2 glass-ceramic, mech. props. rel. to crystallization 2—36140
$Li_2O.3SiO_2$, Frenkel pairs form. 2—1249
MgO-Al_2O_3-SiO_2, cordierite crystallization, D.T.A., i.r. reflectance spectra 2—1155
MgO-$TeO_2V_2O_5$, variation of physical props. and chemical stability with composition 2—6292
Na_2O-Al_2O_3-SiO_2, dielec. props., microwave 2—29742
Na_2O-B_2O_3-Al_2O_3-SiO_2 and Na_2O-B_2O_3-Al_2O_3-Sb_2O_3-SiO_2, structure studies with i.r., e.p.r. and electronic absorption spectroscopy 2—40679
Na_2O-B_2O_3-SiO_2 fibre, quick loading tensile strength, comp. depend. 2—19194
Na_2O-B_2O_3, effect of liquation on mech. and viscous props. 2—35848
Na_2O-Fe_2O_3-TiO_2-SiO_2, mag. susceptibility, temp. depend. 2—1598
Na_2O-SiO_2, electrical conductivity, activation energies, Anderson-Stuart model, two phase model 2—3458
$Na_2O.SiO_2$, low temp. thermal props.. rel. to low lying vibrs. 2—40075
$Na_2O.SiO_2$, relax. characts., effect of struct. heterogeneity 2—1283
$Na_2O.3SiO_2$, diffusion coeff., effect of specific activity 2—15792
$Na_2O.3SiO_2$, Frenkel pairs form. 2—1249
Nd:glass laser, measurements of coherence 2—37938
Nd:glass laser effects of u.v. on performance characteristics, need to eliminate wavelengths corresponding to inactive absorption region 2—27501
Nd:glass laser generation of monoimpulsive radiation on non-instantaneous inclusion of resonator 2—31048
Nd:glass laser with periodic Q-switching as source of discrete train of light pulse for high speed cinematography 2—27499
Nd-doped, laser induced fluorescence line narrowing 2—33317
Nd, absorption of emission from impulse lamps 2—27662
Nd laser glass, improved material, laser efficiency and damage threshold obs. 2—27513
Nd^{3+} laser, stimulated emission cross section 2—37985
P_2O_5-Al_2O_3-Cs_2O:Cu(II) system, struct. e.p.r. obs., comp. depend. 2—18899
P_2O_5-B_2O_3-Cs_2O, struct., studied by e.p.r. of Cu^{2+} additive 2—28976
$P_2O_5.SiO_2$, in m.i.s. struct., charge distribution 2—10102
Pb, electron energy measurement with discrimination against hadronic background 2—11661
Pb, photoelectric emission in spectral region 500 to 1700 A 2—40391
PbO-B_2O_3-Al_2O_3 system, phase decomposition, small angle X-ray scatt. obs. 2—3455
PbO-B_2O_3, water content determ., i.r. absorpt. method 2—28977
$PbSe$-$Ge_{1.5}As_{0.5}Se_3$, double glass transition, heat capacity obs. 2—18902
Pd-Si based metallic glasses, anomalous viscoelastic behaviour 2—32590
Sb-Ge-Se, elec. cond., effect of low temp. annealing 2—36516
Sb_2S_3-SbI_3-Ga, glass forming region detn. 2—39441
Sb_2S_3-SbI_3-In, glass forming region detn., optical and elec. props. obs. 2—39441
Se-As, amorphous powder, sintering 2—19281
Se, time dependent heat capacity in transition region determ. by differential thermal analysis 2—6680
Si-As-Te system, glass-forming region and DTA study 2—15637
Si-Ge-As-Te system, glass-forming region and DTA study 2—15637
SiO_2, H_2 dissolution, i.r. absorp. spectra obs. 2—12630
SiO_2, strengthening by high pressure Ar impregnation 2—12892
SiO_2, X-ray diffraction patterns and structure determ. at 25°C 2—22054
Sn containing, temperature dependence of Mossbauer coeff. 2—10317
SrO-SiO_2, γ-irrad., e.p.r. and absorpt. spectra 2—30015
SrO-TeO_2-V_2O_5 system, formation and properties 2—12631
$Te_{40}As_{35}Ge_7Si_{18}$ threshold switch, nature of ON-state 2—22577
$Te_{48}As_{30}Ge_{10}Si_{12}$, switching and memory behaviour 2—16214
$Te_{0.81}Ge_{0.15}As_{0.04}$, memory state, superconducting props. 2—16168
$Te_{81}Ge_{15}As_4$, switching and memory behaviour 2—16214
TiO_2-SiO_2 binary system, thermal expansion, significance of bridging oxygens 2—16062
V_2O_5-P_2O_5, dielec. const., conductivity, 80-350 K 2—19749
V_2O_5-P_2O_5 composition and struct., polar conductivity, i.r. desorp. and e.p.r. 2—10039
V_2O_5-TeO_2, between metal electrodes, I-V characts., −100-200°C 2—36519

Glass continued
ZnO-TeO_2-V_2O_5, variation of physical props. and chemical stability with composition 2—6292

Glass-metal seals *see Seals*

Glow discharges *see Discharges, electric/glows*

Goks *see Hypernuclei*

Gold
adsorption of Ag, H, O oxides, specular reflection spectra, monolayer thickness range 2—9310
adsorption on Ge, effect on field emission IV characts. 2—29782
alkali halides, luminescence of Au^- centres, 4-300 K 2—26212
in alkali halides, optical absorpt. and Raman scatt. 2—40676
atom, autoionization lines in vac. u.v. spectra determ. by photoionization and emission 2—18309
atom, electron bombardment, inner shell ionization 2—18326
atom, electron scatt., 100 to 400 keV, ionization, differential energy and angular cross sections calc. 2—18334
atom, hyperfine structure sign determination by Stark effect investigation of 6p $^2P_{3/2}$ state 2—21503
atom. photoioniz., extreme u.v., calcs. using final state correls. 2—31675
atoms, $5d^{10}6p+5d^96s6p$ configurations, energy level calc. 2—2938
atoms, photoionization calc., inclusion of intrachannel interactions 2—601
autoionization of high-temperature monatomic vapour 2—28201
band structure, relativistic, from hgher derivative photoemission spectra 2—19804
band structure, spin-orbit coupling effects in u.v. and X-ray photoelectron spectra 2—36629
black, theory at i.r. optical properties 2—26111
channelling, effect on Rutherford scatt. yield of protons 2—40104
channelling of O ions, rel. to emerging charge-state distribs., 4-40 MeV 2—36383
charge flow and d-level compensation 2—4113
coating on stainless steel, effect on sorption of CO and S 2—39558
coins, Lydian, inclusions from laser microprobe 2—22901
crystal-melt, interfacial free energy, from radial distrib. func. 2—18997
Debye-Waller factor, temp. dependence, theory 2—6649
decoration of SnSe/NaCl film-substrate system 2—29007
decoration of SnSe/NaCl film-substrate system 2—29008
density of states in conduction band, photoelectron spectroscopy obs. 2—9929
diffraction grating, Al coating reflection deterioration because of diffusion 2—1661
diffusion, in Ag, along grain boundaries in Au/Ag/Pb film struct. 2—22243
diffusion, in Ce f.c.c. γ-phase and b.c.c. δ-phase 2—29215
diffusion, in n-Si, reactor irrad. enhanced 2—29193
diffusion in Al, temp. depend. 2—12798
diffusion in Pb, press. depend. 2—3824
diffusion of interstitial H, lattice relaxation 2—9613
diffusion of Sb obs. 620-1000°C 2—39729
direct optical coupling to surface excitations 2—33239
doped Si photomagnetoelec. and Dember cells, visible and near i.r. photodetection 2—10149
droplet thermomigration in Si 2—39746
elastic constants, Morse potential calculation 2—39755
electrode, Hg plated in DMF/H_2O soln., electrocapillary studies 2—32247
electrodeposit, growth and morphology 2—9269
electrodeposited, gas filled voids, effect of annealing 2—12746
electroless deposit, elec., mech. and optical props. 2—3524
electron diffr. obs. through holes in substrate, substrate scatt. elimination 2—9401
electron diffraction, estimates of contributions from electronic excitation, thermal diffuse and disorder scattering to optical potential 2—29116
electron emission, secondary, coeff for metastable atoms, meas. by gas cell method 2—6932
epitaxy, low temp., on ZnO 2—9261
epitaxy on cleaved NaCl, water vapour influence 2—22071
evaporated on GaAs, interdigital transducer form., Schottky barrier, surface elastic wave obs. 2—13324
fast neutron irradiation, resist. recombination volume 2—25763
Fermi surface, press. depend. 2—29597
Fermi surface optimization 2—19506
field in microscope obs., noble gas imaging, artifact vacancy conc., degree of disorder 2—6415
film, 0.3-1 μ, determ. of structure and optical constants 2—29871
film, 300 to 400 Å thick, optical consts. determ. from 2.4 to 4.4 eV 2—22749
film, (111) surface relax., X-ray determ. 2—29027
film, atomically smooth (111), vacuum deposited on NaCl 2—39488
film, charact. electron energy loss spectra, collective surface oscillations 2—16124
film, composite discontinuous, temp. depend. cond. 2—16142
film, condensed, substrate influence on nucleation nature 2—6345
film, discontinuous, resist., rel. to substrate absorpt. of O_2 2—40170
film, electromigration direction 2—36075
film, electromigration induced failure, role of grain boundaries 2—36076
film, electron diffr. rel. to channelling 2—35969
film, epitaxy, on NaCl:Ag substrate at 473K 2—39496
film, Kikuchi pattern, electron channeling 2—9399
film, laser beam irrad., rupture threshold 2—9263
film, laser modification of transmittance and reflectance, adherence and hardness 2—36813
film, microstruct., resist. and electromigration-induced failures 2—19544
film, on cold substrate, recovery and grain growth 2—32360
film, on Si substrate, low temp. migration of Si 2—3812
film, on Si substrate, low-temp. Si migration, ion backscatt. obs. 2—39468
film, paratransmission of electrons 2—22440
film, photoelec. emission, mean free path of hot electrons 2—16330
film, polystyrene adsorbed layers, calorimetric i.r. spectroscopy 2—18955
film, reactively sputtered, influence of surface adsorp. characts. 2—22068
film, sputtered, residual gas pressure effect on cross-section structure 2—25196
film, stopping power for low energy protons 2—32862
film, vacuum deposited, struct. rel. to substrate surface charge 2—25195
film adhesion to glass and MgO, tangential shear meas. 2—3977
film deposition, condensation inhibition on using laser source for sputtering 2—9270
film grown in elec. field, elec. resist. 2—9953

Gold continued
film on Al substrate, atomic intermixing, x-ray photoemission obs. 2—19805
film on dielec. substrate, pot. barrier height and tunnelling electron mass 2—1452
film on NaCl, nucleation and growth, high-resolution shadow casting obs. 2—39495
films, deposition and detection below 0.01 monolayer 2—32354
films, gas incorporation in sputtered and evaporated films 2—35882
films, nucleation and growth on NaCl at low temps., application of high resolution shadow casting 2—6347
foil activation method for determ. high integral thermal neutron fluxes 2—11887
grain boundaries, struct. and energy, computer calcs. 2—32544
hardening under press., vacancy volume of formation 2—15898
interfacial layers, informational props. 2—39456
interpolation schemes, muffin tin zero 2—16099
ion implantation in SiO$_2$ substrate, preferential Ag film deposition 2—12784
ions, trapping probabilities into SiO 2—29041
irradiation by Xe ions, cascade threshold energy for electron microscopy 2—9516
island condensates, on NaCl, struct. 2—9268
jewellery, Bronze Age, provenance using laser microprobe 2—22901
lattice dynamics 2—32803
liquid, struct., X-ray exam. 2—6201
magnetic pseudopotential, spin and spin-orbit interaction dependent 2—36659
microquantity det. by inverse voltamperometry on graphite electrode 2—20206
Nernst-Ettinghausen coeff. and Kondo effect 2—10134
neutron activation analysis of ^{199}Pt, in biological tissue by analysis of daughter ^{199}Au 2—10678
neutron irradiated, defect cluster visibility, electron microscopy, chromatic aberration effect 2—9520
n.m.r., spin-lattice relax. time due to nuclear quadrupole interaction, calc. 2—19931
optical coating, characterization in 500-2000 Å region, extreme u.v. reflectance spectrum 2—17719
optical constants, ellipsometric determ. in extreme u.v 2—16461
phonon dispersion and spectra, Debye temps., angular force effects 2—32807
phonon dispersion curves, specific heat, vibr. spectra from modified angular force model 2—32801
phonon dispersion relations 2—4030
photoelectron spectra rel. to charge voltage on BaSO$_4$ substrate 2—13359
photoelectrons spectra, angular distrib., effect of Cd surface impurities 2—33088
photoemission, x-ray induced, angular distribs., Ag bulk and C and O surface impurities 2—19806
photoemission obs. of bulk states, u.v. region 2—22657
photoemission props., rel. to use as satellite surface material 2—33566
photoemission spectra, temperature modulated, agreement with one-electron band theory and reflectance data 2—36627
plastically deformed, irrad., internal friction peaks rel. to impurity conc. 2—9642
polarisability of small particles in quasistatic elec. field 2—36434
polycrystalline, Na, K, Kr ion refl. coeffs., electronic stopping, surface effects 2—7902
polycrystalline layer, on NaCl, transmission of struct. information 2—6333
positron emission, negative work function 2—25970
pure, neutron irradiation at 20 K, electron microscope examination of defects 2—29164
quenched, vacancy sink efficiency of stacking-fault tetrahedra 2—9567
re-emission and transmission of secondary electrons, angular distrib. 2—40395
reflection coefficients, for keV Na$^+$ and K$^+$ beams 2—22065
reflectivity electromodulation at Au/electrolyte interface 2—9246
reflectivity spectra, interband transitions 2—10344
resistivities, electrical and thermal, temp. dependence 2—22490
scattering of Ar ions, surface semichannels, sputtering 2—36384
selected zone dark field electron microscopy obs. 2—19031
self diffusion coeffs. meas. in 360-740° C range by electrolytic sectioning technique 2—3808
single crystal growth on W field emitter 2—9271
solid, optical properties determ. by energy loss spectroscopy of electrons from 2-40 eV 2—19958
sputtered atom energy distribution 2—40105
sputtered ejection patterns, contribution from atomic collision sequences 2—40113
sputtered ejection patterns, structure in <110> spots 2—6697
stacking fault energy twin boundary energy temp. coeff. 2—32533
structure, conical illum. bright field electron microscopy, selected area diffr. 2—9400
substrate, meas. of helium film profile at 2.13 K 2—3419
substrate for C film, effective sampling depths in X-ray photoelectron spectroscopy 2—36632
surface, ion bombardment, cone formation 2—6474
surface self-diffusion, contaminants effect, Auger spectra 2—32334
surface vacancies, formation, migration, field ion microscope obs. 2—6326
temper kinetics, vacancy formation, hardening rate effect 2—19246
thermal diffusion in Pb, heats of transport 2—22242
thermal expansion, anharmonic contrib., high temp. 2—32845
thermal expansion, cooperative measurements using pushrod dilatometers 2—16045
thermal expansivity data, rel. to thermal vacancies 2—16042
thermal props. and i.r. absorbing power of thin layers 2—19448
thermomodulation spectra 2—36855
trapping efficiency at low ion energy on SiO$_2$ 2—12783
ultracold neutron absorption, total cross section 2—18250
valence band struct. from u.v. photoelectron spectra 2—36650
valence bands determ. from X-ray photoelectron spectra, comparison with relativistic calcs. 2—36630
wavelength modulation spectra, effective mass 2—26141
X-ray spectra, band struct. 2—7087
X-ray spectra, L$_{II}$ and L$_{III}$ ioniz. cross sections 2—4466
Ag I hollow-cathode spectral lines, effects of hyperfine structure on measured widths 2—15218
Au:^{167}Er(^{171}Yb), e.s.r., hyperfine splitting parameter 2—26273

Gold continued
Au/GaAs, surface-barrier structures by chemical deposition 2—25892
Au/Pt thin films couples on Si substrate, adhesion and diffusion obs. 2—39745
Au/Ti thin film couples, diffusion and compound formation 2—39749
Au-Al$_2$O$_3$-Al thin film sandwiches, electron-electron interaction parameter in Au films from proximity effect 2—36479
Au-GaP Schottky barriers, green injection luminesc. 2—13523
Au-LiF-Au and Au-LiF-Al capacitors, preparation by vacuum evaporation 2—39494
Au-Se system, transient internal photoemission of carriers 2—13209
Au-Si interface, possible cpd. form., resist. and electron microscopy 2—3493
Au-oxide cermets, secondary electron emission 2—10163
Au, nucleation of stacking fault tetrahedra, 251-393 K, electron microscope obs. 2—3589
^{198}Au hepatoscan, diagnostic improvement by measurement of blood clearance rate 2—17110
CdTe-Au diode, IV characts, Schottky theory and tunnelling 2—29733
Cu:Au, ion channelling, interaction with substitutional and interstitial atoms 2—36050
film, on Si, low temp. migration of Si 2—15791
Ge:Au, excited by laser rad., electron-hole recomb. at deep impurity centres 2—22558
He cold cathode glow discharge, photoelectron processes 2—35618
Si:Au acceptor state, resolution of an anomaly 2—19689
Si:Au junction, reverse-biased p$^+$-n, freq. response of Au centres in depletion layer 2—33028

Gold compounds
alloy, charge flow and d-level compensation 2—4113
alloy film, optical consts. detn. 2.4-4.4eV 2—22749
c.p. alloys, stacking order stability 2—12713
Ag-Al, alloy, particle size distrib., Guiner Preston zone shape distrib., X-ray scatt. profile analysis 2—19042
Ag-Au alloys, optical properties determ. by energy loss spectroscopy of electrons from 2-40 eV 2—19958
Ag-Au dil. alloys, low field magnetoresistance 2—1474
Ag-Au system, liq., electronic struct. 2—9078
AgAuZn$_2$, solid soln, first and second neighbour ordering, stability criterion 2—19257
Al-Au, deviations from Matthiessen's rule 2—16141
Al-Au, solid soln., isothermal phase transformations, rel. to supercond. props. 2—9790
Al-Au alloy, Guinier-Preston zones, size effect on large angle X-ray scatt. 2—9449
Al-Au alloys, vac. u.v. spectra, comparison with sandwich structs. 2—20021
Al-Au solid alloys, thermodynamic props. 2—25591
Au-(15 wt.%)Ag alloy, static crowdion behaviour, resist. obs.15754 2—15754
Au-Ag alloy, short-range order formation, vacancy influence, elec. resistivity obs. 2—32596
Au-Ag alloys, electron irrad. effects on diffusion 2—39737
Au-Al, Au-Ag, at. intermixing, x-ray photoemission obs. 2—19805
Au-15 at.%Ag alloy, rad. damage interpretation, ordering props., elec. resist. obs. 2—36009
Au-Cd alloy, martensitic transform., effect of solute substitution 2—12990
Au-Cr alloy, mag. anisotropy, mag. torque obs. 2—26032
Au-Cr(Fe)(Mn) alloys, high temperature susceptibility in mean- random-field approx. 2—19824
Au-Cu, alloy, dilute, charge density oscill. around impurities n.q.r. obs. 2—16666
Au-(14 at.%)Cu alloy, Portevin-Le Chatelier effect 2—22265
Au-Cu alloy, imperfect cubic lattice, phonon dispersion curves 2—40045
Au-Cu alloy, Portevin-Le Chatelier deform. bands 2—12849
Au-Cu composite surface, Au layer struct., props. 2—22689
Au-Dy dil. alloys, e.s.r. of Γ_8 state of localized moment 2—40754
Au-Dy dil. alloys, Γ_8 (quartet) resonance obs. 2—26272
Au-Fe alloys, (1-22 at.%Fe), mag. ordering conc. depend. 2—16367
Au-Fe alloys, liq., mag. susceptibility, temp. and conc. depend. 2—15611
Au-Fe alloys, mictomagnetism 2—40461
Au-Fe dil. alloys. mag. susceptibility and low temp. sp. ht. 2—19827
Au-Fe dil. alloys, magnetiz., spin fluctuation model 2—22685
Au-Fe solid soln., solute clustering and mag. order 2—19828
Au-Ga liquid alloys, thermodynamic props. 2—28838
Au-Ga system, 3/2 electron cpds., thermodynamic props. 2—39934
Au-Ge-Ni, ohmic contact on n-GaAs, specific resistance 2—29715
Au-Ge-Si alloy, viscosity and glass formation 2—32721
Au-Ge, thermodynamic analysis 2—22341
Au-In solid solution, lattice parameters, solubility limit, thermal expansion, density 2—19265
Au-Mn dil. alloys, optical props., electronic struct. 2—20019
Au-Ni, alloy, discussion of spinodal hypotheses and precipitation 2—29425
Au-Pb, alloy, phase diagrams, obs. in AuPb$_3$ region 2—4016
Au-Pd-Ti film, struct. and mech. props., ageing effects 2—39534
Au-Pt alloy, discussion of spinodal hypotheses and precipitation 2—29425
Au-Se alloy, cryst. struct. 2—32442
Au-Si alloy, in Si substrate, phase transformations 2—39991
Au-Si interface, possible cpd. form., resist. and electron microscopy 2—3493
Au-SiO films, elec. cond. and substruct. 2—12656
Au-Sn alloy, liq., thermodynamic props. 380-1050°C 2—28837
Au-Sn liquid alloy, struct. and activity coeff., stirred H-cell study 2—28784
Au-V, dilute, low temp. sp. ht. and elec. resistivity rel. to simple powers of T in Kondo effect 2—29613
Au-V dil. alloys, electronic sp. ht., impurity effects 2—16034
Au-V dil. alloys, impurity susceptibility, ^{51}V n.m.r. obs. 2—33114
Au-V dil. alloys, T^2 temp. depend. of ^{51}V Knight shift 2—33350
Au-Zn alloys, electronic sp. ht. below 3K 2—4064
Au-0.65at.%Zn, nucleation of stacking fault tetrahedra, 251-393 K, electron microscope obs. 3589 2—3589
Au complex, Au[S$_2$CN(C$_4$H$_9$)$_2$]$_2$Au[S$_2$C$_2$(CN)$_2$]$_2$, cryst. struct. 2—12716
AuAl$_2$-AuGa$_2$-AuIn$_2$ pseudobinary alloys, Knight shifts and spin-lattice relax. 2—37004
AuAl$_2$(Ga$_2$)(In$_2$) Raman scatt. tensor freq. and linewidth, phonon modes 2—16524
AuCd, alloys, β-β'' martensitic transform. 2—6633
AuCu alloy, hardened, annealed, Frank loops 2—15760

Gold compounds continued
AuCu II alloy particles. growth and struct. 2–6346
$AuCu_3$, alloy, quenched, annealed, dislocation loops, Frank loops, Shockley dislocations 2–6494
$AuCu_3$, antiphase boundary influence on lattice parameters 2–39631
$AuCu_3$, electronic sp. ht., ordering influence 2–1431
Au_3Cu, resist. and thermoelec. power during ordering 2–15979
$AuGa_2$, pressure induced electron transition near 6 kbar at liquid He temps. 2–40190
Au_4Mn, disordered, mag. struct., mictomag. 2–40462
Au_4Mn alloy, ordered, n.m.r. of ^{197}Au, h.f.s. 2–16656
$Au_{.45}Pd_{.55}$ alloy, electronic structure studied by ESCA and X-ray spectroscopy, comparison with spectra of pure metals 2–32884
$(Au_{1-x}Pd_x)Te_2$ alloys, supercond. 2–19577
$AuSb_2$, sp. ht. low temp. meas. 2–4065
AuSn, sp. ht. low temp. meas. 2–4065
Au_4Ti, sp. ht., ordered states, mag. entropy 2–40070
Au_4V, short range order kinetics of order- disorder transform. 2–39995
Au_4V, sp. ht., ordered and disordered states, mag. entropy 2–40070
AuZn, elastic consts., anisotropy ratio, temp. depend. 2–3834
AuZn, quenching temp. influence on high temp. phase retention 2–25570
Cu-Ag-Au alloys, sp. ht. low temp. meas. 2–4065
Cu-Au alloy, field-ion microscopy obs. 2–12723
Cu-Au alloy, neutron irrad., deviation of longit. magnetoresistance from Kohler's Rule 2–16143
Cu-Au alloy, neutron irradiated, deviations from Matthiessen's rule 2–16144
Cu-Au dil. alloys, low field magnetoresistance 2–1474
Cu_3Au:Fe alloy, atom ordering, electron struct. elec. resist., mag. susceptibility 2–9921
$Cu_{95}Au_5$-Fe Kondo system, mag. field depreciation 2–36444
CuAu, first order phase change, two-dimens., Ising model 2–15960
CuAu, quenching temp. influence on high temp. phase retention 2–25570
Cu_3Au, single cryst., fine struct. of slip lines, elec microscope obs. 2–15717
Cu_3Au alloy, ordering kinetics during quenching 2–29426
(FeNi)-Au system, mag. moment props., magnetiz. and neutron scatt. obs. 2–36712
Ga-Au, thermodynamic props. for solid and liquid solns. 2–32730
Gd-Au, film, superferromagnetism 2–4390
Ni-Cu-Au alloy, reciprocal mag. susceptibility, antiparallel coupling 2–4347
Pd-Ag-Au alloy system, Debye temp. and thermal expansion 2–4074
Pd-Au, X-ray spectra and band structure 2–36918
Pt-Au alloy films, elec. conducting, on ceramics, prep. technique 2–1182
Sn-Au liquid alloys, Knight shift comp. depend. rel. to conduction electron density 2–9177
VAu_4, order-disorder transformation. magnetiz. and susceptibility study 2–19886

Goniometers *see Crystals/orientation; X-ray crystallography/apparatus*

Grain boundaries
alkali halides, twist boundaries 2–9579
alloy, autoradiographic determ. of amount of B segregated to boundaries 2–16713
α-brass, twin boundary free energy-grain boundary free energy average ratio 2–32537
ceramic crystal, press forging, deformation, recrystallization, strength, fracture 2–36249
characterization, by transmission elec. microscopy 2–9578
coincidence site lattice, axis/angle pair description 2–22214
coincidence site lattice, axis/angle pair description 2–22213
rel. to coincidence site lattice orientation 2–9576
creep cavities, angular distrib., determ. method 2–25555
deformation, dislocation, by cryst. glide dislocations 2–25390
diffusion, copper in iron, measurement of diffusion coefficient 2–1271
diffusion parameter, calc. method 2–9607
electroceramics, control of properties by microstructure 2–32738
electron microscopy, plane matching theory of high angle g.b. structure 2–32541
energies, computer calcs. 2–32540
entropy, statistical thermodynamic calc. 2–9844
equilibrium segregation, therodynamic bounds 2–25615
high angle, dislocation network, 0-lattice theory 2–39706
inert gas bubble growth. stress depend. 2–19067
intergranular entropy calc. method 2–39707
metal, atomic config., bubble raft model study 2–15770
metal, f.c.c. twin boundary energy, temp. coeff., stacking fault energy 2–32533
metal, recrystallization in emission electron microscope 2–39882
metal film, void form. and growth during electromigration 2–9608
metal surface, Auger spectroscopy 2–1503
metal surface, polycrystalline, electron microscope obs. after ion bombardment at grazing incidence angles 2–39459
motion, thermally activated 2–3790
parameters characterization 2–22116
polyethylene, single crystal, mosaic struct. 2–15647
precipitation, diffusion controlled coarsening behaviour 2–32539
screw dislocation generation, from grain boundary ledges 2–15758
shape of moving boundary, calc. 2–19109
sliding rate of grain boundary containing discrete particles 2–25441
solid solution, supersaturated, intergranular precipitation 2–9788
solidification and boundary migration in welds and ingots 2–15771
steel, heat treated, serrated intergrannular geometry, rel. to brittle fracture 2–19204
steel, impregnation by Pb, mechanism for adhesion of Pb coating 2–3978
steel, stainless, rel. to corrosion 2–13582
steel, stainless, type 304, creep rupture specimens 2–39800
steel, stainless bicrystals, high temp. intergranular creep 2–12876
steels, austenitic carbide precipitation effect on grain boundary internal friction peak 2–29246
structure, field ion and electron microscopy obs. 2–19108
rel.to void formation, during high energy particle irrad., theory 2–25365
Al-Cu alloy, diffusion rel. to electromigration obs. 2–12797
Al-0.05%Fe alloy, sliding in the presence of second phase particles 2–32605
Al, 99.5% pure, solute redistrib. during grain boundary migration 2–36229
Al, intergranular diffusion of Zn, struct. effect 2–12799
Al, intergranular embrittlement by liquid Ga, vacancy diffusion 2–12800

Grain boundaries continued
Al, internal friction peak rel. to neutron irradiation 2–22217
Al, mechanical behaviour of coarse grained specimens in terms of microstructure 2–9682
Al, oriented tricrystals, bending joints, intergranular energy 2–12848
Al, relaxation on neutron irradiation 2–22218
Al, surface flawed, exposed to NaCl solution, determ. rel. to increased fracture toughness 2–1302
Al, thermal pits, condensation cavities, obs. using liquid Ga embrittlement 2–9253
Al, tilt boundaries, interfacial energy determ. 2–12776
Al, ultrapure, boundary segregation during grain growth annealing 2–6598
Al bicryst., intergranular entropy calc. 2–39707
Al bicrystal, electromigration, surface effects 2–39734
Al bicrystal, grain boundary electromigration as function of temp. obs. 2–6500
Al bicrystals, corrosion by pressurized water, intergranular struct. effect 2–12777
Al bicrystals, structure rel. to diffusion of Zn 2–25462
Al effect on tensile deformation 2–12847
Al film, vacuum deposited, rel. to hillock growth 2–39492
Al_2O_3, bicryst. tensile specimens, stress distrib. across grain boundary 2–32598
Al_2O_3, rel. to thermal etching in H_2 atmosphere 2–28997
Au, electrodeposited, gas filled void growth at grain boundaries 2–12746
Au, struct. and energy, computer calcs. 2–32544
Au film, role in electromigration 2–36076
Au film on cold substrate 2–32360
$BaTiO_3$:Nb, diffusion rel. to Nb distrib. 2–1269
Be, microcracks, deflection, arrestation by grain boundaries, twin-grain boundary interaction 2–12906
Bi, migration, optical obs. method 2–39590
Cd, migration, velocity independent drag 2–32542
CdS, grain-grain contacts, properties of high-resistance photoconductive layers 2–337
β-Co-γ-Co_2Ta, eutectic system, lamellar faults rel. to subgrain boundaries 2–12720
Cr-Ni-Ti, austenitic steel, grain boundary rupture and sliding rel. to creep resist. 2–9675
Cr-Ni alloy, role in ^{51}Cr high temp. self diffusion 2–12802
Cr-W alloy, diffusion and interface reaction, Kirkendall effect 2–22246
Cr, role in high temp. self- diffusion 2–12802
Cr orientated bicrystal, intergranular fragility 2–12896
Cu-(14.3 wt.%)Al, interphase boundary diffusion 2–22248
Cu, electrodeposition, o-phenanthroline impurity distrib., X-ray small-angle scatt. 2–19114
Cu, twin boundary free energy-grain boundary free energy average ratio 2–32537
Cu, zone melt growth, striational dislocations formation 2–39694
Cu solid solutions, low temp. intergranular brittleness 2–19203
Fe-Cr-Ni, austenitic alloy, volume and intergranular diffusion, comp. depend. 2–12808
Fe-In alloy, Fe-rich, slowly cooled 2–39932
Fe-Ni-Cr, steel, segregation due to B solubility 2–22339
Fe-Ni alloy, explosively loaded, hardening, recrystallization 2–9575
Fe-P-C alloy, intergranular brittleness, rel. to P and C at boundaries 2–36235
Fe-Si alloy, migration during recrystn., effect of S 2–12937
Fe, effect of size on dislocation density due to heat treatment 2–19242
α-Fe, fatigue failure, role of grain boundary migration 2–25515
Fe diffusion of copper, diffusion coefficient, Fick's first law 2–1271
Ga, migration, optical obs. method 2–39590
Ge, photo-effect on sheet cond. along grain boundary 2–4302
In, migration, influence of ghost boundaries 2–9742
KBr, twist boundaries 2–9579
Mg, MgO-dispersion strengthened, rel. to high temp. creep 2–25598
MgO, electrical cond. effects, rel. to temp. and oxygen press., 500 to 1800 K 2–1563
Mo orientated bicrystal, intergranular fragility 2–12896
NaCl, impurity-enhanced dissolution studies 2–32398
NaCl, twist boundaries 2–9579
Nb_3Sn ribbon, rel. to doping effect on high field supercond. props. 2–32944
Ni-Cr alloy, creep mechanism, and precipitate-free zone form 2–29270
Ni-Cr alloy, interfacial energy ratios, elec. microscope obs. 2–9573
Ni-P films, annealing, annihilation of boundaries 2–15969
Ni, interfacial energy ratios, elec. microscope obs. 2–9573
Ni alloy, Mar-M200, Hf doped, γ' phase lining rel. to ductility enhancement 2–15865
Ni and alloys, dispersion hardened, rel. to strengthening 2–39936
Ni casting, crystal lattice defects, secondary boundary structures 2–15772
Ni single crystal, low angle boundary, electrolytic decoration with Cu 2–39701
Ni superalloy, soln. treated, aged, intergranular films 2–25344
Ni_3Fe, $Ni_3(Fe_{0.76}Al_{0.24})$, alloy, ordered domain formation, anti-phase walls 2–9581
$NiFe_2O_4$ films, crack form. 2–18941
Pb, energy, from creep characts. obs. 2–32619
PbTe and $Pb_{1-x}Sn_xTe$ epitaxial layers low-angle boundaries 2–4214
Pt/Al_2O_3 composite, grain boundary grooving 2–19287
Pt/Al_2O_3 composite, grain boundary grooving 2–19288
Pu-Ga alloy, plastic deformation, mech. props. rel. to temp. and homogeneity 2–15839
Sn-Pb eutectic alloy, superplastically deformed, texture 2–12975
Sn, migration, optical obs. method 2–39590
Ti alloy, β-stabilized, rel. to ω phase formation 2–36288
UO_2, rel. to thermal etching in H_2 atmosphere 2–28997
W, large angle boundaries, FIM study 2–12736
W, wire annealed, internal cavities in fibre boundaries 2–9582
W orientated bicrystal, intergranular fragility 2–12896
Zn, shape of moving boundary, expt. verification of calc. 2–19109
Zn, single boundary motion, mobility and activation energy 2–29227
Zn bicrystals, migration 2–12779

Gramophones *see Sound reproduction*

Granato–Lucke theory *see Crystal imperfections/dislocations*

Granular structure
cyclotrimethylene trinitramine, X-ray determ. 2–9563
effect of grain structure on fatigue strength 2–6565

Granular structure continued
nonhomogeneous, plane strain, stress field construction series method 2—2188
particle shape effects, angles of repose and bulk densities 2—25606
photographic emulsions, crowded, granularity theory for multilayers 2—38167
quartz powder, grain size determ. by X-ray diffraction, extrapolation method 2—32744
steel roll, grain size, hardening depth, u.s. sound meas. 6-20 MHz 2—12913
superconductor, grains, exciton mechanism of supercond. 2—13115
$BaTiO_3$, liquid phase sintering, exaggerated grain growth 2—1374
α-Fe, grain size dependence of yield and flow stresses, dislocation modes 2—3854
PbSn eutectic alloy, extrusion in superplastic region 2—12864
Sb thin amorphous films, electron microscope and electron diffraction studies 2—32376
Ti-(6wt%)Al-(4wt%)V, alloy, texture analysis, colour metallography, colour anodizing technique 2—12735

Graphite
ablation characteristics 2—4060
adsorption, of Xe, two dimensional phase change, LEED obs. 2—25224
adsorption of gases, physical 2—18957
adsorption of nonpolar gases, adsorption isotherms, isosteric heat data 2—6377
arc electrodes, axial temp. distrib. 2—32142
artificial, for nuclear reactor moderators, rate-independent continuum theories, experimental verification 2—39779
artificial, stress-strain curves, and plastic deformation rel. to elastic-plastic theory 2—15831
artificial, thermal expansion, dilatometric measurement 2—16047
in austenite, solubility, thermodynamic calc. 2—25597
band structure, π band, combined OPW-TB calc. 2—13077
battery electrode grade, thermal cond., 0.7-2K 2—25693
boronated, heated to 1400°C and 2000°C, exptl. study of radiation effects on mechanical properties 2—32570
bricks in nuclear reactors, stress and temperature distributions, finite element analysis 2—15127
bulk conductivity and percolation theory of colloidal sheet of paper with random holes 2—9983
clouds of elongated particles, scatt. and emission of radiation 2—10729
composite, SiC/graphite, thermal cond. 2—19466
conduction, electrical, crystal orbital theory, teaching paper 2—1448
Crab Nebula grains, explanation of 10 μm flux excess 2—7395
creep behaviour and tensile strength, polycryst. samples 2—32615
crystal struct., symmetry of electron diffr. diagrams 2—9442
cylinders, reflection factor for γ-quanta 2—38738
d.c. arc burning in mag. field, optical and electrical parameters, spectrochemical aspects 2—35638
electrical resistivity, polycrystalline sample at high temps. 2—6693
electron diffraction patterns, wide-angle convergent-beam 2—3701
electron microscopy, in situ damage 2—9524
emissivity, monochromatic, polycrystalline sample 2—6693
e.p.r. of natural and pyrolytic samples, low temp. behaviour 2—4548
eutectic flake, defects, electron microscope obs. 2—9568
faulted, trigonal symmetry in electron diffr. patterns 2—9438
ferrographite, effect of sintering conditions on props. 2—12940
fibre, strength and modulus of elasticity meas. method 2—25541
fibre composite, graphite/epoxy, mixed mode fracture 2—36164
fibre-epoxy resin composite, tensile fracture due to internal reverberation 2—36167
fibres, row nucleation of polypropylene 2—9231
filamentary deposition, during C/C composite prep. 2—3974
film, for use as support film in electron microscopy, prep. 2—25311
film formation, by precip. of C from Ni foils 2—32694
film formation, methane pyrolysis over transition metal 2—39499
flakes, contact angle with liquid Hg 2—3489
fracture energy determination 2—29317
friction at small loads, sliding on basal and edge planes 2—6591
fuel elements in a high temperature nuclear reactor, operational stresses 2—15131
fuel elements in HTGR, finite element analysis of stresses 2—15125
fuel elements in nuclear reactors, stress analysis finite element method 2—15126
glow discharge deposition, on steel and W fine wires 2—3525
graphite-ceramic contact junction heat transfer at pressures of 5.10^5-200.10^5 N/m^2 and temps. of 583 to 873K 2—29565
graphite-diamond transformation, X-ray obs. of ballas type synthetic diamond 2—32760
graphite-H_2O system, neutron thermalization expts. 2—11888
graphitization in white cast Fe, module nucleation during annealing 2—15907
graphitization kinetics, activation energy determ. 2—29388
Graphon, alkane liquid adsorption and heat of immersion, calorimetry 2—35909
Graphon, phys. adsorption of CO_2 2—22084
high pressure deformation mechanism 2—32607
insert for Varian electron gun evaporator 2—27425
intercalation compounds, physical sorption of molecular H_2 at low temp. 2—6370
intercalation cpd. with Br, elec. resist. meas. 20-800°C., anomalous behaviour 2—19536
intercalation cpds., comparison between ferromag. and supercond. 2—6959
intercalation cpds. with K, photoelectron spectra, electronic props. 2—10158
internal friction and elastic modulus, nuclear irrad. effects 2—32587
interstellar dirty ice grains with graphite cores, size distrib. around early type stars 2—33695
interstellar grains surrounding early type stars, temperature and thermal evaporation 2—7458
interstellar matter, graph of scattering for spherical particles and application to extinction 2—7457
irradiated, dimensions, elec. resist. and Young's modulus meas. 2—39873
lamellar compounds, C_xBr, cryst. struct., X-ray obs. 2—22149
lattice consts. variation and Debye-Waller factors 2—9865
layered structures with $FeCl_3$, two-dimens., ferromagnetism 2—6973
mechanical resistance 2—17334
metal-graphite contact junction heat transfer at pressures of 5.10^5-200.10^5 N/m^2 and temps. of 583 to 873K 2—29565

Graphite continued
minority carriers. Hall effect and thermoelec. power study 2—36497
moderator, determ. of 1/E spectrum 2—544
negative magnetoresistance, neutron irrad. polycryst. and boronated single cryst. 2—22528
neutron irradiated, dimens. and phys. prop. changes 2—21471
neutron irradiated, dimensions, thermal expansion. porosity amd microstructure 2—3756
neutron irradiated, effect of pitch-binder coke content on props. 2—22175
neutron irradiated, submicroporosity, temp. and dose depend. 2—29165
neutron irradiation, dimensional changes 2—12747
neutron irradiation damage, effect on interlayer props., model 2—3758
nuclear, impurities determ. by instrumental activation analysis 2—7201
nuclear, low temp. irrad., Young's modulus and internal friction 2—22259
nuclear, neutron irrad. above 1200°C, increased mech. lifetime, radiation damage 2—19152
nuclear fuel element, structures for high temperature gas-cooled reactors 2—21468
nuclear grade, fracture surface, electron microscope obs. 2—3907
nuclear reactor components, strength and durability rel. to construction problems of a THTR 2—18265
nuclear reactor components, strength rel. to design problems 2—15129
nuclear reactor components, stress analysis 2—15128
nuclear reactor components, temperature and radiation induced stresses 2—15132
optical anisotropy, 3-40 eV region 2—19997
oxidation-resistant, for use in composites 2—39965
photoemission props., rel. to use as satellite surface material 2—33566
polydisperse suspension. flow, heat exchange, mag. field effect 2—39399
pore size distribution, struct. damage during determ. by Hg under press. 2—3975
pseudoisotropic polycrystalline, thermal expansion control 2—32745
pyro-, specific electrical resistivity 300 to 2200 K 2—13106
pyrographite, determination of Na,Al and Mg by neutron activation using alternating irradiation regimes method 2—40861
pyrographite, effects of increasing heat treatment temperature on resistivity and thermal conductivity 2—40089
pyrographite, surface energy, water and aqueous ethanol effect 2—28998
pyrographite, thermal conductivity at high temps. 2—6689
pyrolytic, c-axis conductivity, detailed interpretation 2—36486
pyrolytic, coating for C fibre, effects on sp. strength, anti-oxidability, elec. resistivity 2—25610
pyrolytic, compression annealed, preferred orientation and degree of graphitization 2—22327
pyrolytic, electrical resistivities from charge carrier transport parameters 2—29661
pyrolytic, electrically asymmetric, e.m. wave propagation 2—11398
pyrolytic, electron irrad., atomic displacements 2—15738
pyrolytic, low temp. irrad., Young's modulus and internal friction 2—22259
pyrolytic, neutron irrad., 250-470°C, change in dimens. density, thermal cond., thermal expansion coeffs. 2—19432
pyrolytic, secondary emission, effect of primary- electron incidence angle 2—29790
pyrolytic, thermal cond. and diffusivity 300 to 2700K 2—19452
pyrolytic, thermal diffusivity anisotropy ratio, 300-1600 C 2—32852
pyrolytic, with scroll-like struct., growth and characterization 2—22150
pyrolytic as selective neutron filter 2—6417
pyrolytic graphite-Br_2 residual compound high temp. resistivity 2—6619
rare-gas plated, adsorption of He, analysis of single particle quantum states 2—15674
re-precipitation, from glasslike carbon, isothermal dissolution 2—3985
reactor fuel elements, fast neutron dose and coolant gas impurities influence 2—11911
reactor grade, irrad., elec. resist. rel. to thermal cond. 2—13220
roughness effects on heat transfer in supersonic region of conical nozzle 2—18741
sheet, infinite, π-electron diamagnetism calc. based on perimeter polyacene model 2—10168
shock compacted, hardness and microstruct. 2—9714
solubility in cupronickel melts, 1300, 1400 and 1500C, rotating disc method 2—6216
in spectrometer for visual obs. of pulsed CO_2 laser line 2—17735
spherulites, in cast alloys, struct. 2—39633
static fatigue behaviour, applied stress rel. to fracture stress 2—32588
surface, adsorption of Ar isotopic mixtures, kinetic theory of surface and thermal diffusion 2—39549
surface, NO treated, adsorptive props. 2—35908
surface phonon entropy, calc. 2—32335
surface properties, effect of oxides on acidity 2—9306
synthetic, impact strength testing 2—25540
synthetic metals, electrical anisotropy 2—40171
thermal black, graphitization process, heat treatment, 1673-2073K, at 5 kbar 2—36200
thermal cond., basal plane, calcs., anharmonicity coeffs, phonon effects 2—19449
thermal cond. and diffusivity, simultaneous meas., high temp. 2—19451
thermal conductivity, effect of B or Br doping 2—22429
thermal conductivity, mag. field effects, 0.36-4.2 K 2—29566
thermal expansion, cooperative measurement using pushrod dilatometers 2—16045
thermal expansion, negative, role of elastic consts. 2—25688
thermal expansion coefficients, calc. 2—32846
vacuum technology, use of graphite in high and ultrahigh vacuum, review 2—5102
X-ray appearance pot. spectrum, strong plasmon coupling 2—16594
Young's modulus and thermal expansion, effect of pre- stressing 2—39756
C fibre, graphitization, e.p.r. monitoring of struct. and electronic props. 2—6289
Fe-C, Fe-C-Cr and Fe-C-Si alloys primary graphite obs. by thermal differential analysis 2—6615
Fe-Ni-graphite system, sintering, struct. and phase comp. 2—12938
in Fe, grey cast, specimen prep. for distrib. assessment 2—19051
Fe alloys, graphite precipitate, formation and spatial configuration 2—15908
Ni-Cu-Fe-graphite alloy, sintering, phase and struct. changes 2—1401
ZrC-graphite alloy, prep. and thermoemissive props. 2—1343

Graphitisation *see Annealing*

Graphs
see also Nomograms
phase transitions represent. 2—14131
Gratings *see Diffraction gratings; X-ray diffraction*
Gravimeters *see Gravity*
Gravitation
see also Gravitational collapse; Red shift; Relativity/general
3 geometry, role in the theory of gravitation 2—33911
Γ eqn. exact soln., giving Schwarzschild's solution 2—17189
absorption, detection using Earth, Moon artificial satellite system 2—1780
accelerating sphere in free fall, wake interaction 2—21720
Ambartsumian strips method applied to systems with spheroidal symmetry 2—10826
angular momentum transfer, formalism in general relativity 2—27048
astronomical weak magnetic field, fluctuation in infinite medium of homogeneous stationary turbulence 2—33571
binding, Coma cluster of galaxies, absence of Lα flux 2—26632
bounded system. in asymptotically Friedmann space-time, radiation and energy 2—7654
Brans and dicke's scalar-tensor theory, exact solution 2—20457
Brans Dicke theory, black holes 2—23257
chemical equilibria, effects of gravitational field 2—4567
classical and quantum theories, redundancy of constraints 2—20830
classical theory, field modification, significance in astrophysics 2—16948
close binary star, convective-unstable layer in periodic gravitational field 2—26745
conference, Technion City, Israel (1969) 2—2077
conformally invariant theory, cosmological models 2—20460
conformally invariant theory, Friedmann cosmological models 2—20459
constant meas. apparatus 2—27017
cosmological model based on uniform expanding universe 2—4771
critical opalescence of one component fluid, gravitational effects in small angle X-ray scattering expts. 2—22036
curved space theory, locally Lorentz invariant 2—2096
dilaton and non-Newtonian gravity, force range of additional force 2—7647
Einstein equation and Maxwell set of eqns. rel. to dielectric tensor of world-manifold 2—59
Einstein equations, local quantum theory formulation, locality 2—17202
Einstein equations, nonlinearity, rel. to red shift 2—17200
Einstein equations, spherically symmetric time dependent solutions 2—14088
Einstein theory, inertial reference frames 2—17205
electromagnetic model advanced, mathematical formalism 2—10804
energy complex in tetrad formulation 2—5134
energy tensor for gravitational field 2—33892
energy-momentum complex of gravitational field, construction of new formalism for solution 2—52
equations of motion of gravitating system subject to no external forces, gravitational radiation reaction terms 2—30780
escape conditions for one member of a three-body system 2—1935
evolving universe, periodic model 2—17188
experiment to determine G from an orbiting space laboratory 2—37582
f-g theory, exact wave type solution found by generalizing vacuum Einstein field equations 2—2073
field, anisotropic, particle production, vacuum polarization 2—20837
field, e.m. radiation, in applicability of Vaidya soln. of Einstein equations 2—11263
field axially symmetric, satellite orbit, integrability cases of the equation of motion 2—1936
field canonical quantization, status 2—2494
field equations, classical, modification to incorporate virtual quantized matter field 2—2105
field equations, in free space, relation to gauge fields 2—27696
field equations, noncharged static spheres of perfect fluid in isotropic coordinates 2—37581
field quantization, Wightman formulation 2—20835
fields, covariant statistics 2—37584
fields, invariant evolution 2—2111
fields, SL$_{2c}$ symmetry representation used to write field equations of general relativity 2—17187
fields of spinning sources, solution of coupled Einstein Maxwell equations 2—11267
fields with groups of motions on two-dimensional transitivity hypersurfaces, model with matter and magnetic field 2—30775
flick, origin shown to be electrical 2—17190
generalized model, construction of consistent boundary conditions in presence of strong discontinuities 2—37583
geodesy, free nonlinear boundary value problem, Poisson-Laplace equation 2—1776
geons, angular momentum and mass 2—23261
geopotential, density layer models, satellite data 2—1779
gravitating cylinder, slowly varying axial magnetic field effect on stability 2—14082
gravitational theories, characterization by cumulative effects in free particles motion and in behaviour of clocks 2—14074
gravitational-scalar field coupling, particle-like solutions 2—5128
gravitational-scalar field coupling 2—2069
gravitomagnetodynamics, linear and nonlinear perturbations 2—39031
graviton-dilaton mixing. intermediate range gravity proposed 2—23246
guage-dependent two-body potential 2—30765
induced electric fields in metals calc. from periodicity deviations of the lattice 2—9914
induction, energy-momentum complex 2—17191
initial value problem, mapping onto solutions 2—11264
intensification of radiation by massive rotator 2—10789
Jordan-Brans-Dicke theory, field theoretical construction 2—20836
Jupiter, moments of external gravitational potential, computed from available models 2—37356
Lagrangian, Yang-Mills type theory 2—20833
Lense-Thirring type gravitational forces between spinning cylinders and disks 2—5136
light deflection by field of Sun, radar signal delays 2—23250
light propagation in time dependent field 2—2113
light velocity in gravitational field, vacuum dispersion and photon rest mass 2—37589
Lorentz covariant theory, deduction from general relativity 2—14076
Lorentz covariant theory, nonlinear effect 2—33906
Lorentz covariant theory, similarity to theories of Papetrou 2—14077
mass conversion to energy, lowering into gravitational well 2—33902

Gravitation continued
mass-zero spin-two field, gravitational theory 2—21199
massive field theory, canonical quantization, generating functional 2—27041
metric, spherically symmetric, geodesic type 2—7646
metrics, Reissner-Nordstrom, Newman-Unti-Tamborino, Kerr, study of singularities 2—11261
model, containing both positive and negative masses 2—13819
n-body integrals. partial iterative refinement by Newton Rapson process 2—17208
n-body problem, experimental studies of numerical stability 2—20468
N-body problems, numerical integration methods 2—7709
neutrino-gravitational fields, combined, in general relativity 2—2090
neutron star, rapidly rot., gravitational rad. 2—13908
Newtonian field theory, clarification of concept of energy 2—33891
noncovariant theory, field equations rel. to oscillating universe 2—41035
oblate planet, field, quasiperiodic motion of particle 2—45
optimization problems, homogeneous ellipsoids 2—30833
Palacios' theory. explanation of red shift by wavelength considerations 2—27040
particle creation by fields in collapse and initial singularity 2—26591
photon polarization in gravitational field of rotating objects 2—34598
plane inverse potential problem, nonuniquness of the soln. 2—30768
pole-dipole source, rapidly moving, self-interactions of gravitational field 2—2084
quantized gravitational field, relation with curved space-time background 2—17193
quantum field theory, fourth order potential, perihelion motion of Mercury 2—7649
quantum theory, calc. of potential between 2 celestial bodies 2—7650
quantum theory 2—11256
radiation and mass transfer in binary systems WZ Sagittae, Z Camelopardalis and U Geminorum 2—4885
radiation detector, directivity pattern, theory of ang. dependence 2—14078
radiation from gas cloud, rapidly rotating, evolutionary behavior 2—26741
radiation from particle falling radially into Schwarzschild black hole 2—2097
radiation problems in general relativity, SU(2) technique application 2—2099
radio waves deflection, measurement on 3C273 and 3C279 quasars 2—30510
relativistic charged fluid balls, hydrostatic equilib. and gravitational collapse 2—20469
rotating rod, loss of gravitational mass as outgoing gravitational radiation 2—14083
Saturn, moments of external gravitational potential, computed from available models 2—37356
scalar tensor theory, construction using Weyl formulation of Riemannian geometry 2—20832
scalar tensor theory, spherically symmetric static solution 2—7656
scalar-tensor theories, conservation laws and symmetry properties 2—37598
Schwarzchild field, Maxwell equations 2—11268
Schwarzschild's space-time, propagation of spherical waves 2—60
Schwarzschild exterior space-time, gravitational field outside a sphere of matter 2—2092
Schwarzschild field, behaviour of fast test particles. phenomenon of 'slow down' 2—23248
Schwarzschild field, light beam deviation, calc. 2—2086
Schwarzschild stability criterion 2—14079
self-gravitating systems numerical exprts. comparison with Lynden-Bell's statistics 2—10806
simulation of a gravitational field by a centrifugal field 2—27121
solar, deflection of microwave radiation 2—4991
solar gravitational red shift, atomic-beam resonance-scatt. meas. 2—33762
spatially homogeneous universes including rotation. variational principles 2—23247
spherical shell, surface density of matter 2—37590
spin-2 field theory in curved space, massless 2—27690
spinning body acceleration in gravitational field 2—17209
spinning body acceleration in gravitational field 2—17210
spinor vacuum, polarization by slowly varying gravit. field 2—43
stability of encounterless self-gravitating constant density system 2—10805
stationary and static space-times, new physical characterization 2—23251
effect on supercavitating hydrofoils 2—6178
tachyons, field description by Einstein's eqn. solution 2—30762
Taub-NUT metric, Kruskal-like extension, geodesic incompleteness 2—17211
tensor-tensor theory with consistent representation of Mach's principle 2—11262
theory and black holes 2—37243
topological questions in canonical formulation 2—46
two-body problem in theory of gravitation without potential 2—27039
uniformly rotating masses, energy momentum stress tensor and gravitational field 2—17206
universal regulator from metrical invariance and Goldstone's theorem 2—14073
universe model, anisotropic, Einstein eqn., soln. with cosmological term 2—44
vacuum fields, characteristic initial data 2—54
variations in Newton's gravitational constant rel. to internal structure of matter 2—37585
WANDS. pulse, smooth toroidal, self scattering 2—20820
wave quanta trajectory bending, deduction from finite rest masses in material media 2—17201
weak gravitational fields, covariant Green functions of photon and electron 2—2070
Weber's experiment, gravitational wave observation rel. to photon rest mass 2—26583

Gravitational collapse
black hole, extreme Kerr, optical appearance of orbiting star 2—37242
black hole, nonmeasurability of baryon or lepton numbers 2—30764
black hole, nonmeasurability of lepton number by means of weakly interacting neutrinos 2—23249
black hole, spherically symmetric, e.m. field of moving charged particle 2—23263
black hole, vibrations, gravitational waves in close spiral orbits 2—26600
black hole formation 2—20467
black hole in β Lyrae, new evidence from u.v. photometry 2—13827

Gravitational collapse continued
black hole physics, transendence of law of baryon number conservation 2—17194
black holes, accretion of matter, equations of motion for flow in and out 2—7434
black holes, astrophysical properties 2—26602
black holes, bound geodesics of a particle in the Kerr metric 2—33585
black holes, detection using gravitational lens effect 2—7367
black holes, e.m. radiation from particles falling into 2—4778
black holes, vibrating, long wave trains of gravitational waves 2—4775
black holes accretion of matter 2—30407
black holes and event horizons 2—1929
black holes and gravitational theory 2—37243
black holes and neutron stars, evidence for presence in binary systems 2—10909
black holes in binary stars 2—10908
black holes in Brans Dicke theory of gravitation 2—23257
black holes in general relativity, limits on amount of energy which may be extended 2—23256
blackholes as source of gravitational waves 2—16946
charged black hole, reversible transformations 2—20456
development of neutron stars or black holes, determining factors 2—10797
Einstein-Maxwell equations with many black holes, solutions 2—33912
electric charge of collapsed objects 2—20467
expanding, universe, 2nd order density wave evolution, isolated eddy behaviour 2—33584
galactic nuclei, time dependent stability analysis 2—33582
gas cloud, axially symmetric, with and without rotation 2—4776
gaseous sphere without energy flow, hydrodynamical equations in terms of scalar-tensor theory of gravity 2—30779
hadron barrier in cosmology 2—4774
HD 59543, runaway binary system, B5 star with possible neutron star or black hole companion 2—26710
instability eqn., linear analysis 2—30408
Kerr black hole, fluid flow, computer study 2—26599
Kerr-Newman black holes, uniqueness 2—23260
Lorentz cobordism, relevance to collapse 2—30776
β Lyr, secondary component, collapsar 33658 2—33658
massive stars in Galaxy obs. of neutrinos, data on neutrino oscillations 2—26752
nonlinear analysis of instability 2—30409
nonstatic fluid sphere in empty background 2—20829
particle creation by gravitational fields 2—26591
possible source of millisecond bursts of gravitational radiation 2—17195
protostars, entropy production insufficient for formation at massive stars 2—26680
relativistic charged fluid balls 2—20469
relativistic runaway from collapsed matter 2—33581
relativistic thin disk, uniformly rotating, current carrying, e.m. fields obs. 2—4773
rotating star, instability and separation of small mass envelope, relativistic effects 2—33580
spherical, with escaping neutrinos 2—33583
spherical object rel. to stellar evolution 2—26683
stability, uniform non-rotating gaseous spheroid 2—41036
static black holes, nonexistence of baryon number 2—37597
stellar systems, three-dimens. nonstationary model 2—26601
X-ray pulses accompanying Weber's pulses, setting of flux limits 2—5129
Fe core collapse and propagation of shock waves in envelope, matter ejection 2—26663

Gravitational red shift *see Red shift*

Gravitational waves
absorption by conducting fluid in presence of mag. fields 2—23253
antenna, photon-noise-limited laser transducer 2—2071
antenna response to a polarized source 2—37236
astrophysical sources, upper limit using radiometers directed at galactic centre and Crab Nebula 2—33576
from black hole, vibrating 2—4775
black hole, vibrations, gravitational waves in close spiral orbits 2—26600
cylindrical, canonical quantization 2—57
cylindrical, in hot plasma with constant axial magnetic field 2—28495
detectors, comparison of dumbbell gravity-wave antenna and cylindrical antenna 2—17192
elastic vibration excitation 2—30853
e.m. propagation, scintillation effect, calc. in physical optics approx. 2—20826
focusing, by interior gravitational fields 2—7659
fragmentation of supermassive disks 2—7366
generation and propagation in matter 2—2112
gradient-induced fission, application of theory for behaviour of soliton propagation in inhomogeneous media 2—12350
h.f., detection associated with quantum transitions 2—5130
ionosphere, sporadic E-region, enhancement of ion density 2—4740
isolated material source, axial symmetry 2—17203
Maxwell equations rel. to possibility of guided waves 2—7648
meas. of the Galaxy, loss by gravitational radiation 2—37257
millisecond bursts, theory of detection 2—17195
origin, mechanisms, review 2—16946
plane, collisional interaction 2—20824
post-Newtonian irradiation, from point masses in hyperbolic Kepler orbit 2—30781
primordial, observable effects 2—7364
primordial, velocity dispersions in clusters of galaxies, critique of Rees's (1971) theory 2—26595
pulse, smooth toroidal, self scattering 2—20820
quadrupole radiation, Einstein's equations integration 2—33896
radially symmetric radiation field in general relativity, associated spinorial solution 2—30773
radiation and energy 2—2074
radiation meas. expts. 2—2075
radiation sources, rel. to events detected by Weber antenna 2—41
random metric, dispersion and attenuation of light 2—20825
relativistic charge emission, rectilinear motion 2—5131
Sachs news function, linearized multipole expansion 2—14086
Schwarzschild black hole, boundary value search 2—7655
in Schwarzschild field 37586 2—37586
second order, for Brans and Dicke's scalar-tensor field theory 2—30767
second order, in empty space 2—30766
synchrotron mode emission near Galactic centre 2—37237
synchrotron radiation in the Schwarzschild geometry 2—33910

Gravitational waves continued
toroidal and cylindrical waves, correspondence 2—27049
universe, hypothesis of a diffuse background of gravitational radiation 2—33579
X-ray pulses accompanying Weber's pulses, setting of flux limits 2—5129

Gravitons
No entries

Gravity
see also Geophysical prospecting
absolute determinations, free-falling laser-interferometer apparatus 2—22909
absolute meter and gradiometer system 2—20230
acceleration const., falling sphere method, improved apparatus 2—37073
acoustic-gravity wave calc. in layer with linear temp. variation 2—37185
acoustic-gravity wave generation at 120 km by sea level detonation 2—37190
acoustic-gravity wave propagation in measured atmosphere 2—37184
acoustic-gravity waves in atmos., short period, anal. of spatial coherence 2—37182
air-borne measurement errors associated with geoidal undulations 2—13604
anomalies, two dimensional mass distributions, computer method 2—33400
anomalies over Bowers and Shirshov Ridges in Bering Sea 2—16780
anomalous two-dimensional potential fields in bipolar coordinates, spatial distribution 2—40870
areal density contrast exploration, vertical gradients 2—20228
atmospheric optics, gravity centre displacement of light beam, meas. 2—16839
Baffin Bay, anomaly fields 2—40892
boreholes, measurement of horizontal gradient of g 2—30143
data base, storage and retrieval 2—40868
determination of g using two falling interferometer reflectors illuminated by a laser 2—19
dual spin satellite, in circular orbit, stability by method of averaging formulation 2—20449
earth, variations, and bumps on core-mantle interface 2—1788
Earth's field, elec. field induction in metals 2—22449
East African continental margin, anomalies aeros 2—16725
elevation correction, alignment chart 2—20229
field, Earth, spherical harmonic potential coefficients, calc. of geoid undulations 2—1778
g, absolute gravity measurement, comparison with satellite observations 2—26396
geophysical body of irregular shape, gravitational attraction approximated by dividing into small cubes 2—37072
geopotential, density layer models, satellite data 2—1779
Germany, North, gravity investigated over salt deposit 2—37075
global anomalies 2—10685
gravimeter, effect of deformation of thread of elastic system on accuracy of measurement 2—30142
gravimeter readings, probability characteristics of perturbations 2—26403
gravimetric survey, increased accuracy of bore network 2—30144
gravitational field variation, study of inner structure of earth 2—16752
gravitational force, secular variations in USSR 2—30137
of hadrons, scale invariance, intermediate range gravity proposed 2—23246
Hamilton County Indiana, analysis using potential field continuation for basement anomaly shape 2—26400
Iceland, secular variations 2—20226
internal atmospheric gravity waves, behaviour near critical levels 2—10726
internal waves in water, instability 2—28762
levitation and counter-gravity motion of spheres by non-uniform hydrodynamic oscillations 2—9050
linear filtering by Fourier analysis 2—30136
local anomaly det. using artificial satellites 2—40867
lunar, Apollo 14 Doppler radio tracking meas. 2—37352
lunar, at Apollo 14 landing site 2—26821
lunar, det. from high altitude spacecraft Doppler data 2—17029
lunar field, anomalies, relief and internal structure 2—7505
lunar field, Mascon free model 2—7516
luni-solar effects on artificial satellite motion 2—20442
Mars Mariner 9 experiment 2—37363
measurement, portable absolute system, hybrid electronics 2—16729
Mediterranean Sea, bathymetric, magnetic field and gravity measurements 2—30236
Moon, and density function det. 2—13992
Moon, traverse gravimeter 2—20669
Moon's field for injection of space vehicles into stationary Earth-satellite orbit 2—30393
neutron stars and white dwarfs, quasiradial pulsations in Newton's theory of gravity, central density 2—33657
nonuniqueness problems using parameter hyperspace 2—26397
North Atlantic Gilliss seamount, relationship to magnetic anomaly field, using Poisson's theorem 2—26401
orbital dynamics, motion in gravitational field of mass point, separable KS-variables 2—20434
orbital solns. with geopotential coefficients, GEOS, optical observations 2—20443
palaeogravity, decrease in value of g from fire- grained compact sediments 2—30139
planetary perturbations on the distribution of the asteroids by computer simulation 2—4980
potential, of stationary disc of stars, evolution 2—30431
potential, representation by means of difference from Earth's spheroidal potential 2—20223
potential field data, unevenly spaced, reduction to horizontal plane by finite harmonic series 2—26398
prospecting, relationship between variable values of stratified, mean and effective densities 2—30204
radial variation in spherically symmetric mass with nonuniform density 2—17282
second-order Markov anomaly model, analysis of errors in inertial navigation systems 2—22908
semidiurnal tides in atmosphere, vertical structure 2—37145
simple-layer potential from Doppler tracking of satellites 2—22911
spring-type gravimeter, use on land and at sea 2—7203
stars, F and early G dwarfs, from colours 2—4877

Gravity continued
- stars, gravity darkening effects in rapidly rotating, early B-type stars 2—37292
- statistical treatment of gravity data, based on minimum variance 2—26395
- surveying, vertical anomalous gradients 2—30145
- tectonic regionalization of potential physical fields, use of correlation analysis 2—10684
- tidal variations, in central Antarctica, preliminary results 2—26402
- two dimensional, profiles, numerical evaluation from attraction of rectangular prisms 2—33401
- vertical attenuation of anomalies in airborne gravimetry 2—26399
- wave propagation in realistic thermospheric model 2—40975
- waves, internal, propagation in conducting fluid with shear flow, rotation and magnetic field 2—24639
- waves, long internal, generation in waveguides, by rising buoyant air masses 2—37141
- waves, nonlinear, interaction with non-uniform currents 2—37115
- waves, nonlinear propagation in isothermal atmosphere 2—13730
- waves, rippling due to harmonic nonlinear nearly resonant interaction 2—35443
- Western Germany, vertical deflections, isotropy tests 2—20227
- zero level determination of an anomalous curve 2—30146

Green's function methods
- anisotropic media, Green function derivatives for internal stress calc. 2—22267
- anisotropic medium, random, uniaxial with small scale fluctuations, mean Green's dyadic 2—17466
- antiferromagnet, uniaxial, phase transitions at low temp. 2—33166
- antiferromagnetic insulators, effect of introduction of defects on spectrum of magnetic excitations 2—40543
- band struct., KKR equations validity for overlapping potentials 2—22461
- Bethe-Salpeter Green's function, Lorentz contraction 2—8075
- Bose case, rel. between correlation function and Green's function 2—27101
- boundary-value problems, spherically symmetric, radiative transfer in stellar atmospheres 2—4821
- commutator and anticommutatior functions, zero frequency poles and long time correlations 2—14129
- construction in non renormalizable quantum field theories 2—31159
- Coulomb Green function, equivalence of expressions 2—2905
- critical spin fluctuations in itinerant electron ferromagnet 2—13379
- cubic lattice, quasi- particle density of states, polynomial approx. 2—19500
- currents, deep inelastic lepton nucleon scattering 2—27709
- damped boson system, Green function theory 2—11308
- decoupling approximation, three dimensional Heisenberg ferromagnetic, critical point exponents 2—26008
- decoupling schemes for s-d exchange hamiltonians 2—11298
- deuteron stripping on doubly even nuclei, theory 2—2799
- disordered system, eikonal many-fermion Green's function 2—9923
- elasticity theory 2—34018
- electron and photon Green's function, Dyson eqns. soln., $\alpha(\alpha,L)^n$ approx. 2—14517
- electron and photon in intense crossed field, diagonalization and general properties of mass and polarization operators 2—23767
- electron atom scattering, inelastic, many-electron correlations 2—609
- electron gas, interacting, spin susceptibility calcs. 2—36666
- electron-solid-state plasmon scattering processes, treatment of valence electron system 2—29607
- feeder lines analysis, planar, integral equation method 2—17473
- Fermi systems, pairing interaction, approximate fulfilment of the Pauli principle in the Green function technique 2—33956
- ferrimagnet, two sublattice model 2—19902
- ferromagnet, Heisenberg model, stability and elementary excitation 2—16363
- ferromagnet, Heisenberg model 2—19851
- finite solid, reduced function for electron states 2—13078
- Heisenberg antiferromagnet, one-dimensional, derivation of spin-wave spectrum 2—10232
- Heisenberg antiferromagnet, temp. depend. of spin wave impurity modes 2—19911
- Heisenberg ferromagnet, equation of motion decoupling 2—29806
- Heisenberg ferromagnet, impurity spin wave modes 2—19841
- Heisenberg ferromagnet in two dimensions, reply to criticism of first order Green's function theory 2—33121
- Heisenberg ferromagnet with ferromag. impurities, decoupling scheme 2—36685
- Heisenberg one-dimensional antiferromagnet, second-order Green function theory 2—33165
- Heisenberg spin system, one-dimensional, formalism 2—33122
- heterogeneous media, boundary problems, soln. 2—37837
- imaginary time, sound propagation in dielectric crystal 2—16021
- ionization potential direct calc. using perturbation treatment 2—35224
- Ising ferromagnet, effect of pair-correlations on phase transition, double-time Green's function approach 2—16361
- lattice function, analytic props, application of theory of functions of complex variable 2—7694
- lattice Green's function for the orthorhombic lattice in terms of complete elliptic integral 2—2154
- long range interaction defect, lattice dynamics 2—19316
- many electron systems of interacting particles, calc. of second order physical props 2—8415
- many-body system, standard-basis operator method 2—19483
- massive Yang-Mills field, Dyson formula 2—38188
- metal, dirty normal, phonon damping study, thermal Green function 2—13067
- metal, electron energy spectra calc., crystal potential 2—9919
- molecular constants of N_xO_y compounds 2—18443
- molecular orbitals, approximation of Lowdin's natural orbitals 2—38873
- Neel temp. calcs. for 2-dimens., antiferromagnetc in X-Y model 2—36756
- neutron transmission and reflection coefficient, with anisotropic scattering 2—15031
- neutron transport, infinite medium Green function with energy dependence 2—31614
- in neutron transport theory, interpretation of Poincare-Bertrand formula 2—2836
- n.m.r. line shape governed by time dependent Hamiltonian, exact formula determ. 2—12093
- non-muffin-tin potential, calc. of energy levels of molecules and clusters 2—18543

Green's function methods continued
- nonideal Bose gas, thermodynamics 2—37654
- nonlinear transport coefficients expressed 2—11315
- nuclear matter, theoretical description 2—2669
- optical absorption by trapped electron interacting with lattice vibrations, solution of infinite set of Green- function equations 2—36862
- orthogonal operator expansion method 2—33924
- periodic lattice one- electron function calc. 2—6718
- perturbation theory, stationary and time dependent, derivation, distinction between real and virtual processes 2—11282
- phonon, crystal, X-ray scatt., ion spin-lattice coupling 2—19848
- polaron energy-momentum relation, Green's function theory 2—25744
- positron annihilation in nearly-free electron band systems 2—22481
- propagation in random media, comparison of selective summation techniques 2—20980
- quantum field theory, symmetry breaking effects, investigation using effective Lagrangians 2—8080
- quantum mechanics, N-particle noninteracting Green function 2—33921
- random lattice, self-consistent average Green's function and generalized CPA 2—6720
- s-band metal with rare earth impurity, magnetization 2—36707
- Schrodinger eqn. soln. in two media joined on surface 2—16091
- Schrodinger equation for simplest quantum mechanical systems 2—14109
- semiconductor, four point probes resistivity, correction devisors for parallelepiped 2—40283
- semiconductor, heavily doped, elec. specific heat in weak mag. field 2—9886
- semiconductor, heavily doped, low temp. thermoelec. effects 2—25942
- semiconductor, heavily doped, transport props., at low temp. in weak mag. fields 2—19625
- spatial charge displacement by impurity scatt., calcs. combining T-matrix approach 2—19485
- spectral density calc. from low order moments 2—36400
- Stanley Kaplan transition in isotropic Heisenberg ferromag. 2—13382
- stress state in a disc shaped as a semi- plane 2—37692
- stress state of a circular disc 2—37676
- teaching, using classical statistical Green functions treatment of simple harmonic oscillator 2—17160
- thermodynamic functions expressed as matrix elements of corresponding superoperators, use in many-particle physics 2—23305
- time eependent function of s-dimensional master eqn. and tight binding Schroedinger equation 2—27076
- time ordered functions in nonlinear field theories 2—31165
- transport coefficients, general kinetic equations 2—7724
- two-time Green's function theory, projection operators 2—23296
- weak gravitational fields, covariant Green functions of photon and electron 2—2070
- Al, band structure calc. 2—36411
- Cr, zone structure, electron energies density of states, X-ray spectra 2—36415
- CsBr, ionic crystal, surface states, calc. 2—36420
- He, superfluid, criticism of single particle Green function approach to excitation spectrum 2—12602
- Zn, band struct. calc. 2—29601

Grey atmosphere *see Radiative transfer; Stars/radiation*

Grinding *see Forming processes*

Group theory
- *see also SU(n) theory*
- 6j-symbol, calculation for arbitrary finite simply reducible group 2—33879
- boracites, group-theoretical formulation of Landau theory of phase transitions 2—3695
- chain $U_n \supset R_n$, basis for irreducible representations of U_n 2—14530
- classical compact simple Lie group, centralizer of compact simple subgroup 2—33883
- Clebsch-Gordan coefficients, derivation of special function identities from rotation and Lorentz groups in 3-space 2—33878
- compact groups, applied problems of reduction 2—14069
- conformal group representation when restricted to Poincare or Weyl subgroups 2—2067
- Darlington's method, appl. to study of dissipative systems 2—30818
- destruction operators, new method for deriving eigenstates 2—11253
- diffraction problems solution, using symmetry 2—27353
- extended Galilei group, application 2—17183
- finite groups, projective unitary antiunitary representations 2—20816
- form factors, relativistic and nonrelativistic distinction 2—8095
- g_l^* group in hyperelasticity, structure and construction 2—27161
- G_2, internal labelling 2—23240
- Galilei invariance and superfluidity 2—39413
- heat transfer analysis by collection of variables in dimensionless groups 2—27315
- identical cluster systems, permutation symmetry 2—451
- internal symmetry groups, outer automorphisms 2—30756
- internal-symmetry groups and their automorphisms 2—17804
- internal-symmetry groups structure 2—17805
- invariants of the rotation group 2—11249
- isomorphisms between simple real Lie algebras 2—11254
- lattice dynamics, FORTRAN program 2—19329
- lattice vibration analysis, computer program 2—36311
- Lie groups, geodesics and classical mechanics 2—23241
- Lie groups, proof of Bargmann's criterion for lifting of projective representations 2—33885
- Lorentz group, angular momentum and unitary spinor bases 2—11248
- massless particles with infinite spin, theory 2—360
- n-body problem, hyperspherical functions of tree type 2—14136
- nuclear physics, basic principles 2—34874
- nuclear quadrupole resonance 2—34275
- outer S-function plethysm, tables, determ. of group branching rules 2—8420
- poincare, representation for arbitrary spin 2—5491
- Poincare algebra, helicity and canonical spin operators 2—33882
- Poincare group, class of nonlinear realizations 2—20814
- Poincare group, decomposition of representation of positive mass and zero spin on Lorentz subgroup 2—17182
- Poincare group, nonlinear representations as possible basis for hadron dynamics 2—21262
- Poincare group, vector and tensor representations 2—23242
- point groups, singular matrix represent. 2—37573
- position operators as internal symmetries 2—20815
- Raman scattering in crystals, application of methods 2—26178
- rank 1 expansions 2—33881

Group theory continued
  rotation group, matrices of irreducible representations 2—33876
  semigroup theory and applic. to space-time nuclear reactor dynamics 2—28121
  SL(2,C), operator treatment of Gel'fand-Naimark basis 2—11250
  SO(5) Wigner coefficients, for 14-dimensional representation 2—37574
  SU(4), van eer Waerden invariant 2—30757
  summary paper, educational 2—34
  symmetry group, relativistic quantum mechanical 2—17216
  theorem of group representations, simplified proof 2—33877
  unitary group subgroups, finding highest weight polynomials 2—2065
  unitary group U(k), Weyl basis 2—33880
  Weyl groups, computer generation 2—33873
  $MgZn_2$, lattice dynamics appl. 2—22402

Gruneisen relation
  alkali halides, shell model calc. of second parameter, press. derivs. of first parameter 2—16066
  composite, anisotropic 2—36360
  methane, deuterated, Gruneisen relation between expansion coeff. and heat capacity 2—16064
  perfect non-Bravais cryst. with internal strains 2—9883
  quartz, hypersound attenuation obs. 2—4048
  quartz phenolic 2—15814
  Raman spectra of solids under pressure, determ. parameters for critical point phonon frequencies 2—26181
  rare-earth elements, Gruneisen const. calc. 2—22431
  semiconductor, diamond- and zinc-blende-type 2—20057
  semiconductors, opaque, Raman spectra, hydrostatic pressure effects, Gruneisen const. 2—16539
  superconductor, electronic const. 2—16173
  volume derivative of Gruneisen parameter at zero press., calc. 2—36312
  Ar, liquid, pseudo-Gruneisen parameter, 100-150K, 10-500 atm. 2—21978
  Ar, solid, low-temp. limit 2—32842
  Ar, solid, temp. depend. parameter 2—13050
  BaF_2, Gruneisen parameters, calc. from lattice dynamical shell model 2—19435
  Be, temperature depend., rel. to thermal expansion 2—19355
  $CaCO_3$, calcite mode Gruneisen parameters and thermal expansion 2—40027
  CaF_2, Gruneisen parameters calc. from lattice dynamical shell model 2—19435
  CdSb, single crystal, from ultrasound and X-ray obs. 2—16067
  Kr, solid, low-temp. limit 2—32842
  Kr, solid, temp. depend. parameter 2—13050
  Li, parameters, lattice dynamics, screening effects 2—40046
  Li halides, parameter calc. 2—36319
  LiF, X-ray diffr. obs. 2—9895
  Mg, temperature depend., rel. to thermal expansion 2—19355
  Pd-Ag-Au alloy system 2—4074
  Pt. electronic and lattice values 2—32848
  SbSI, temp. depend. 2—6666
  Si, X-ray diffr. obs. 2—19434
  Xe, solid, low-temp. limit 2—32842
  Xe, solid, temp. depend. parameter 2—13050
  Zn, temperature depend., rel. to thermal expansion 2—19355
  ZnO, Raman spectra, hydrostatic pressure effects, Gruneisen parameters 2—16574
  ZnS, Raman spectra, hydrostatic pressure effects, Gruneisen parameters 2—16574

Gudden-Pohl effect *see Electroluminescence*

Guiner-Preston zones *see Crystal structures/microstructure*

Gunn devices *see Gunn effect; Microwave techniques and devices; Semiconducting devices*

Gunn effect
  closed solution with approximation of current- voltage characteristic by piece-wise linear line 2—25903
  diode, impact ionization effect on domain potential 2—29722
  diode, math. model for arbitrary diffusion conditions 2—6867
  diode, over critically doped, switching behaviour 2—19704
  diode, resistively loaded, transverse mag. field effect 2—33036
  diode, temperature distribution and contact resistance 2—6868
  diode oscillators, ionizing radiation effects 2—19716
  domain avalanching, theory 2—4196
  domain instability growth factor under d.c. conditions 2—6798
  dynamic negative differential conductivity 2—6803
  ionizing radiation effects in microwave cavities 2—22596
  materials with field-dependent diffusion, Shockley's positive conductance theorem 2—4195
  microwave oscillators, physical principles, material assessment, book 2—29731
  semiconductor, compensated, domain vel. 2—1504
  GaAs, domain quenching, surface effects 2—4213
  n-GaAs, free-running Gunn diode, fluctuations in drift velocity of high- field domains 2—36562
  GaAs, generation parameters, temperature dependence, meas. 2—16252
  n-GaAs, ionization inhomogeneities in S-type characteristics 2—25817
  GaAs device, high field diagnostics, magnetoresistance technique 2—36564
  GaAs diode, microwave perform. degrad. due to thermocompression bonding effects 2—36563
  GaAs transverse spreading velocity, high field domain 2—29730

Gyromagnetic effect
  open waveguides, dynamic modes 2—30950

Gyromagnetic ratio
  alkali halides, exciton gyromag. factor 2—22731
  aromatic hydrocarbon radicals, degenerate, g- factor deviations 2—18489
  atom, optically pumped in oscill. r.f. field 2—31690
  2-benzoylpyridine, e.p.r., triplet state, g-tensor anisotropy 2—8762
  bicyclobutane, molecular g values 2—35313
  4,4'-dimethoxybenzophenone, e.p.r., triplet state, g-tensor anisotropy 2—8762
  dimethylketene, rotational Zeeman effect in microwave spectrum, determ. of molecular g-tensor 2—38978
  DPPH, g-factor, low field meas., low temp. 2—10463
  2- fluoropyridine, rotational spectrum, Zeeman effect, g-vals. and susceptibility 2—843
  formamide, molecular g values 2—38982
  g-factor, standard, for e.p.r., use of charred dextrose 2—7126
  Jahn-Teller coupled systems, g value oscillatory behaviour 2—26154

Gyromagnetic ratio continued
  lepton g-factors, review of recent developments, historical overview 2—34604
  measurement, demagnetizing effects 2—10463
  muonium, Kr-induced pressure shift 2—18369
  nucleons, anomalous g_l factors, rel. to mesonic exchange effect 2—2683
  orbital g factors, effect of exchange currents 2—8268
  proton, basis of n.m.r. standardization method for ampere 2—5312
  trimeric clusters, g-factors, e.p.r. theory 2—30017
  ${}^{a}Pt({}^{16}O,{}^{16}O'\gamma)$, A=194-196, 198, 35 MeV, meas. of hyperfine interactions of Pt nuclei recoiling into He, vacuum, g-factors determ. 2—38648
  Ar, g factors of levels of first two ionized states obtained by observation of quantum beats 2—11945
  ${}^{40}Ar$ II and III, Lande g factors for some excited levels, beam-foil quantum-beat technique 2—24310
  BN:C, F-centre, g-factor, e.s.r. obs. 2—20131
  ${}^{207}Bi$, 180 s $21/2^+$ state 2—5670
  ${}^{207}Bi$, g-factors of ${}^{21}/{}_2{}^+$ isomer, stroboscopic meas. 2—38526
  BrCN, determ. molecular g value and shielded nuclear g value from Zeeman effect studies 2—24437
  BrF, determ. molecular g values and shielded nuclear g values from Zeeman effect studies 2—24437
  C, pyrolytic, e.p.r., g anisotropy 2—22829
  ${}^{42}Ca$, g factor of 6^+ state 2—24156
  $Cd(BrO_2).H_2O$, γ-irradiated, free radicals, e.p.r. 2—10517
  $Cd_{1-x}Mg_xTe:Mn^{2+}$, g-factor, e.p.r. obs. 2—26261
  $CdS:Yb^{3+}$, Er^{3+}, Dy^{3+}, interstitial site crystal field pot., g-factors calc. 2—10287
  ClCN, determ. molecular g values and shielded nuclear g values from Zeeman effect studies 2—24437
  ClF determ. molecular g values and shielded nuclear g values from Zeeman effect studies 2—24437
  Co-Pd-Si alloys, amorphous, ferromag. reson. obs. 2—7110
  $CsTi(SO_4)_2 12H_2O$ and deuterated system, e.p.r. g-values, Jahn-Teller effect 2—10288
  ${}^{133}Cs$, hyperfine structure of 6p ${}^2P_{3/2}$ level redetermined by zero field optical double resonance method, deduced g_j factor 2—24339
  Cu^{2+}, in complex halide, tetrahedral coordination, e.s.r. obs. 2—20134
  CuCl, CuBr, CuI, CuBr-CuCl, Faraday rotation and effective g-values of excitons 2—10308
  Cu(II) complex, mixed ligand chelate, e.p.r. study 2—36668
  Eu(A=153, 155), g-factor meas. for excited states at 103.2 and 105 keV 2—11768
  FeGe, cubic ferromagnet, origin of g-value in resonance line obs. 77-290 K 2—7112
  GaP, G-value stress depend. corresponding to shallow acceptor band splitting 2—7119
  Gd intermetallics, g-shifts, s-d hybridization implications 2—40406
  $GdAl_2$, magnetization, Curie temp., e.p.r. obs. 2—26040
  ${}^{157}Gd$, g-factors, Mossbauer effect theory 2—31488
  H, electron-proton g-factor ratio determ. magnetic moment of proton in Bohr magnetons deduced 2—12022
  H_2, excited, microwave optical magnetic resonance induced by electrons, g value 2—12147
  H_2, g factors in $(1s3p)^3\Pi_u$ level 2—18428
  ${}^{197}Hg$, 133 keV state g-factor by perturbated angle e_{casc} γ correlation method 2—38524
  ICN, determ. molecular g value and shielded nuclear g value from Zeeman effect studies 2—24437
  InSb, electron g-factor, spin flip laser obs. 2—16544
  K, spin splitting of g-factor 2—36428
  K_2SO_4, g-tensor analysis using energy level scheme 2—26375
  $Li_2SO_4.H_2O$, g-tensor analysis using energy level scheme 2—26375
  $LiYF_4:Nd^{3+}$, ground term energy states, g-factors, absorp. spectra obs. 2—20043
  $MgBrO_3.6H_2O$, γ-irradiated, free radicals, e.p.r. 2—10517
  NO, effective g-factor 2—9041
  $NaBrO_3$, γ-irradiated, free radicals, e.p.r. 2—10517
  NaCl:Cu, paramag. centre, g-value, e.s.r. obs. 2—36980
  $2(Na_2Mg(SO_4)_2.4H_2O$, e.s.r. of Mn^{2+} impurities, hyperfine parameters, g 2—20136
  Na_2SO_4, g-tensor analysis using energy level scheme 2—26375
  Ni complex, $(n\text{-}C_4H_9)_4N.NiS_4C_4(CN_4)$, in n-butanol and $CHCl_3$, e.s.r. 2—9166
  Ni(II) complex, $(Et_4N)_2NiCl_4$, calc. 2—36791
  Ni_3TeO_6, g-factor and mag. moment, ligand field study 2—16348
  ${}^{189}Os$, g-factor meas. for excited states at 69 and 95 keV 2—11768
  ${}^{205}Pb$ isomers, 5.5 ms $13/2^+$ 2—5670
  ${}^{206}Pb$, g-factors of 7^- isomer stroboscopic meas. 2—38526
  ${}^{206}Pb$ isomers, 120 s 7^- 2—5670
  PdH(D), e.s.r. spectra of ${}^2\Sigma^+$ ground state, bonding nature, hyperfine coupling and g tensor components 2—12189
  ${}^{195}Pt$, 130 keV state g-factor meas. by Mossbauer effect 2—18145
  ${}^{43}Sc$, g factor of ${}^{19}/{}_2{}^-$ isomeric state 2—24156
  Se atoms in gas phase, e.s.r. spectrum, calc. of g-values including configuration interaction effects 2—24349
  ${}^{152}Sm$, g-factor of 2^+(122 keV) rotational state 2—8273
  ${}^{114}Sn$, g-factor of isomeric state 2—38512
  ${}^{118}Sn$, g-factor of 7^- isomeric state 2—38512
  SrF_2, stress-induced g-shifts of Nd^{3+} and U^{3+}, freq. independ. 2—10524
  $SrWO_4$, elec. field induced g-shifts for rare earth ions 2—36984
  ${}^{181}Ta$, nuclear g factor determ. of first rotational level 2—2729
  Ti I, atomic g_J-values and lifetimes of z^3F- states 2—28200
  $TmVO_4$, ground state doublet splitting, g-factor values 2—22665
  ${}^{169}Tm$, 316 keV ${}^7/{}_2{}^+$ state 2—18132
  V(III) complex, trisacetylacetonate, molecular orbital calc. 2—36793
  Xe, g_J values of various 5d states, mag. resonance technique 2—18322
  Y:Gd, isotropic g-factor from e.p.r. study 2—4546
  $Yb:Eu^{2+}$, e.p.r., dynamical effects, Ca impurity effect 2—22836
  Zn complex, $[(C_2H_5)_4N]_2ZnCl_4:Co$, e.p.r. study of g-tensor orientation 2—33107
  $Zn(BrO_3).6H_2O$, γ-irradiated, free radicals, e.p.r. 2—10517

Gyroscopes
  heavy, investigation of Delone case of motion 2—37672
  laser, limit on sensitivity 2—5395
  momentum wheel stabilized geostationary equatorial satellite 2—13814
  stabilization and destabilization 2—23317

H I regions
  absorption measurements in two galactic regions containing H II regions and supernova remnants, possible relationship 2—16969

H I regions continued
clouds, properties determined from radiofrequency recombination lines 2—4905
in compact objects, detection 2—13929
distributions rel. to galaxy types 2—13928
expanding interstellar elliptical ring of dense HI with its centre close to the Sun 2—41139
fractional ionization of interstellar H towards the K3-50 galactic nebula 2—33691
galactic, two component model, interstellar Na lines 2—4897
galactic centre cold cloud, self absorption 2—7465
galactic spur, coincidence with radiocontinuum Loop IV 2—13925
in galaxy, mass calc., 21 cm obs. 2—26617
high galactic latitudes, 21 cm line survey 2—41142
interstellar, high velocity, Berkeley 21 cm line survey 2—41143
interstellar, one-component model for 21 cm line emission data 2—30503
interstellar hydrogen in the Andromeda galaxy 2—13849
loop-like structure near North Celestial Pole 2—33690
M31, relative line strengths and abundances in emission regions in the nucleus and disk 2—13851
M33, analysis of neutral profiles from Cambridge line synthesis 2—20494
M8 and m42 gaseous nebulae, Hα and [NII] profiles and brightness ratios 2—37272
in M_{33}, galaxy, high resolution distrib. obs.20497 2—20497
molecule formation on grains 2—26763
molecule formation on interstellar grains 2—37315
towards nebula K3-50, soft X-rays ruled out as interstellar ionizing mechanism 2—10841
NGC 253, spiral galaxy, 21-cm line radio observations 2—37260
Orion region, anomalous columnar density 2—26747
r.f. recombination lines for det. of temp. and electron density in cool interstellar medium 2—4901
Scutum arm of the Galaxy, kinematic models and galactic structure 2 -30416
spiral and irregular galaxies, distributions rel. to morphological type 2—13853
u.v. stars, overlapping Stromgren spheres and H I clouds in interstellar medium 2—37318

H II regions
broadening of radio recombination lines of H by electron collisions 2—37273
4C51.12, radio nebula, centimetre wavelength observations 2—41148
Carina spiral feature, distribution and kinematics of luminous stars and gas 2—26622
distributions rel. to galaxy types 2—13928
30 Doradus Nebula, in Large Magellanic Cloud, internal kinematics 2—16965
dynamics. numerical study 2—30436
in galactic clusters, rel. to radio flux 2—17006
ice grain sputtering 2—7399
interference-filter, image-tube photography, gaseous nebulae 2—26646
i.r. sources of 2μ emission 2—20508
in Large Magellanic Cloud, kinematic properties 2—7398
Large Magellanic Cloud, radial velocities of 120 regions 2—30423
M16, internal motions, OIII 5007 Å line profile, with non-Gaussian wing 2—13880
M17, internal motions, OIII 5007 Å line profile, with non-Gaussian wings and line doubling 2—13880
in M31 and M33 spiral galaxies, radio survey 2—41061
M8, internal motions, OIII 5007 Å line profile, line doubling and radial velocities 2—13880
model distribution, est. of r.m.s. confusion levels in galactic plane 2—16970
NGC 5445 association with extended diffuse component and pointlike source during radio obs. of supernova 1970g 2—37303
NGC 7538, coincidence of OH emission sources and point source, model 2—37274
normal spiral galaxies, and thermal radiation 2—13882
NRAO 588/589, radio nebula, centimetre wavelength observations 2—41148
NRAO 589A and 4C51.12, radio nebulae, distance estimates 2—41149
as optical tracers of spiral structures in the galaxy 2—26616
Orion B, 18 cm microwave, obs. of interstellar recombination lines 2—37323
Orion Nebula internal motions, OIII 5007 Å line profile and small components with radial velocities, obs. 2—13880
photoionization of intergalactic H, heating mechanism of QSO radiation 2—26611
radio emission spectra of galactic nebulae 2—33618
radio fine structure, spectra, brightnesses and electron temps. and densities 2—7397
radio recombination lines, historical development 2—23067
radio recombination lines, pressure broadening 2—2924
shock waves as link with interstellar gas 2—20486
southern Milky Way, interferometric study of region between Carina and Aquila 2—20481
southern Milky Way, low resolution radio maps rel. to optical surveys 2—33619
spiral galaxies, correlation between size of central region and number of regions 2—13881
rel. to supernova remnant from H I absorption measurements 2—16969
supernova remnant material as new theory for giant loops 2—13913
u.v. stars, overlapping Stromgren spheres and H I clouds in interstellar medium 2—37318
W3A, 18 cm microwave, obs. of interstellar recombination lines 2—37323
young stellar objects, 1 μ search 2—26679
H and C recombination lines, temperatures for Orion A and NGC 2024 2—20509
H_2O emission sources, galactic 2—4809
H_2O microwave sources and OH emission associated with H II regions, laser pumping, OH masering 2—30526
H85α in IC 418, DR21 and NGC 7027 planetary nebulae 2—33614
S II and O I line intensity ratios 2—37266

Hadrons
see also Lee model
Σ-term and consequences of breaking of scale invariance 2—5511
broken *SU*(3) symmetry, composite model based on nonlinear realization of group 2—38248
broken chiral SU(3)×SU(3) symmetry and Cabibbo angle 2—387
broken symmetries, chiral and state invariance 2—38249

Hadrons continued
collisions in GeV region with high multiplicity final states, study of phase space 2—385
composite, empirical test based on existence of pole in K matrix 2—27715
conference, Graz, Austria (1971) 2—8124
cosmic ray, study of interactions around 10 TeV using ionization spectrometer-emulsion chamber combination 2—27793
cosmic ray in EAS, time structure of component with energy >5.6 Ev 2—31341
cosmology and gravitational collapse 2—4774
density of states in statistical bootsprap model, asymptotic parameters 2—17839
dose and induced activity distrib., around points of known beam loss 2—2878
dual model, spin $^1/_2$ partons in dual-parton theory 2—31223
dual quark-gluon model 2—8128
dual realistic quark model 2—31215
electromagnetic mass shifts, validity of Cottingham formula 2—14582
electroproduction, generalized scaling law using light cone structure of quark model 2—14583
electroproduction, parton model, with highly virtual photons 2—17847
e.m. form factors, parton model 2—17838
e.m. mass differences, quark-parton model 2—11581
energy dependent representations 2—23808
fundamental quartets and chiral $U(4)\otimes U(4)$ 2—21251
Gell-Mann-Nishijima formula and sliced extensions 2—23805
Gell-Mann-Oakes-Renner model, broken coupling constants, smoothness and scalar mesons 2—17841
gravity, scale invariance 2—23246
interference in the decay products of 2 resonance systems 2—5512
internal symmetries, contradictions between duality and bootstrap predictions 2—23804
magnetic and electric quarks, Diracs magnetic monopoles 2—34623
mass formulae and electromagnetic mass splittings 2—14586
mass-squared formula, spinor space approach 2—31209
matrix elements, ambiguity in soft pion limit and time space equal time commutators of currents 2—14580
multiple production, high energy, Feynman's scaling 2—38250
nonlinear couplings, derivation from divergence conditions, SU(3) multiplets 2—17840
nonperturbative parton model, light-cone commutators 2—31211
O(3,1) quark group model, with mesons having an inner structure 2—38247
parton distribution in hadrons, relation between Regge behaviour, form factors and π prod. 2—11580
parton model, applic. to $\gamma\gamma\to$hadrons process 2—34601
parton model with variable intermediate state parton mass 2—11574
partons, calculation of mass 2—31214
partons, electric charge study in electroprod. expts. 2—14581
partons, tests for internal quantum numbers 2—31217
production, colliding electron or photon beams, difficulties in theory 2—14578
production by high energy electron colliding beams 2—8129
production processes, high energy, isospin analysis 2—17846
production via $e^-\nu$, test of Weinberg sum rules 2—23794
quartet models based on fractionally charged urbaryons, broken SU(4) symmetry 2—31219
shielding, personnel penetrations, neutron leakage 2—2874
spectra in cosmic radiation summary of available data 2—26553
spectroscopy, basis set of spinless mass quanta and fermion spinor defined, used to describe meson and baryon resonances 2—31210
with spin, statistical bootstrap model 2—17887
spin structure in composite model, polarization phenomena 2—38246
state classification, rel. to narrow mesonic peaks near $\eta'(958)$ 2—11625
statistical bootstrap model 2—31222
statistical tensors, bounds for linear combinations 2—8125
string model, hybrid extension, in framework of detailed wave eqn. 2—31212
string model, relativistic quantum dynamics, detailed wave equation, dual amplitude 2—14587
string model, relativistic quantum dynamics, wave eqn. and dual amplitude 2—8126
structure, partons and light cone, e.m. interactions using colliding rings 2—38245
structure constant of resonances-inquiry into universal constant α 2—34589
SU(3) Gursey matrix, general form 2—31220
SU(3) orbits in E_8, parametrization 2—31221
sub-urbaryonic composite model study of lepton-hadron collisions 2—31216
super, production in high energy neutrino processes, apparent violation of $\Delta S=\Delta Q$ rule 2—31198
transition operators in an algebraic model for hadrons 2—31213
unified theory, ur-citon 2—14585
ur-citon, unified theory 2—8127
vertex function in SU(3), Lorentz invariance algebraization 2—14584
Ward identities, anomalous, consistency and integrability relations 2—388
$e+e\to e+e+$hadrons, representation as photon-photon interaction, scaling 2—14567
ep collisions, deeply inelastic, hadron momentum distrib. 2—8130

current
commutator, scalar-density charge-density, gradient terms 2—389
commutators, light-cone structure in gluon-quark model 2—2522
current densities, lightlike quark model 2—17845
dual hadrodynamics, e.m. currents 2—393
scalar currents, dual amplitude construction, consistent factorization properties 2—5510
strangeness carrying currents, hadronic corrections to Goldberger-Treiman relations 2—34624

decay
CP violating weak interactions, $\Delta T=1/2$ selection rule 2—23815
new theories for interpretation of measurements 2—5492
non leptonic decay, parity violating amplitudes, weak interaction model based on field algebra 2—27717
nonleptonic radiative decay role of short distance effect 2—23809
radiative nonleptonic, role of short-distance effects 2—34636
strong decays, two body, spin tests, ang. momentum and parity conservation 2—27716

Hadrons continued
- **interactions**
  - *see also Veneziano model*
  - absorptive one pion exchange model 2—21263
  - Amati-Bertocchi-Fubini- Stanghellini-Tonin equation, forward direction, validity of trace approx. and spectrum of output poles 2—8149
  - anomalous interaction of muons with hadrons studied 2—11578
  - bootstrapping rel. to classical space-time, unique S-matrix requirement 2—21268
  - boson spectroscopy and natural and unnatural spin parity systems 2—21253
  - cascading interactions, asymptotic behaviour of production multiplicities 2—23811
  - charge exchange processes $\pi\pm$N, K$\pm$N, NN-$\bar{N}$N, complex angular momentum theory 2—34641
  - collisions in GeV region with high multiplicity final states, study of phase space 2—385
  - complex pole effective residue factorization and K charge exchange 2—21264
  - conference on hadron spectroscopy, Balatonfured, Hungary (1970) 2—23810
  - convergent theory of weak and electromagnetic interaction, extension to hadrons 2—14539
  - couplings, evaluation using quark graphs and Bethe Salpeter formalism 2—23869
  - cross section functionals, inclusive and exclusive, conservation constraints and multiplicity distributions 2—31234
  - diffractive production of isobars, quark model with quark spin flip 2—23813
  - dip mechanisms, decisive tests 2—8134
  - dual hadrodynamics, e.m. currents 2—393
  - duality constraints in inclusive reactions 2—8133
  - duality predictions in high energy missing mass spectra 2—23814
  - dynamics, from relativistic quark models 2—34631
  - dynamics, nonlinear representations of Poincare group as possible basis 2—21262
  - e.m., using colliding rings, rel. to investigation of parton and light cone contributions to hadronic structure 2—38245
  - exclusive electroproduction, scaling and composite hadrons 2—34628
  - form factor asymptotic behaviour, light-cone expansions 2—34629
  - four-body final states, factorization of diffraction dissociation amplitude 2—391
  - hadron spectroscopy, low energy, review 2—38261
  - heavy unstable particle, search for interactions at 3260m above sea level 2—38252
  - high energy, model based on strong interaction localization and random fragmentation 2—2525
  - high energy collisions, cosmic rays, regularity of particle production 2—24032
  - high energy collisions, multiplicity fluctuation, multiparticle distribution functions 2—38255
  - high energy collisions, principle of separability 2—23909
  - high energy reactions, inclusive and exclusive, producing large nos. of particles 2—27723
  - high multiplicity, pion p_t and p_l distributions 2—34625
  - high multiplicity processes, asymptotic behaviour 2—17848
  - high multiplicity processes, isolation of resonances 2—5514
  - hypercharge exchange reactions, complex Regge poles 2—17852
  - inclusive, condition for energy independence suggested on basis of Regge exchange diagrams 2—27722
  - inclusive, current algebra sum rules for cross sections 2—5513
  - inclusive, exotic channels and approach to scaling 2—17850
  - inclusive, limiting fragment distribution 2—27720
  - inclusive, soft pion theorems 2—14588
  - inclusive, soft pion theorems and discontinuity formulas 2—31227
  - inclusive cross sections, calc. in triple Regge limit using dual models 2—17849
  - inclusive cross sections, discontinuities rel. to physical region Landau curve effects 2—21257
  - inclusive expts., factorization of discontinuity of $4\to4$ amplitudes in multi Regge limit 2—11583
  - inclusive particle producing reaction, strong exchange process thermodynamic model 2—27724
  - inclusive phenomenology, high-energy, applic. of information theory 2—38253
  - inclusive processes, duality and weak energy dependence of single-particle spectra 2—34632
  - inclusive processes, finite energy sum rules 2—31225
  - inclusive reactions, application of Regge phenomenology 2—21254
  - inclusive reactions, cancellation of leading secondary contribs in central region 2—17851
  - inclusive reactions, criteria for rapid scaling, exotic effects 2—31229
  - inclusive reactions, factorization and exchange degeneracy of secondary trajectories 2—31245
  - inclusive reactions, multiparticle production models 2—2523
  - inclusive reactions, no-exotics-nogo theorem 2—21255
  - inclusive reactions, phenomenological extension of triple Regge behaviour 2—21259
  - inclusive reactions, selection rules, from quark model and limiting fragmentation hypothesis 2—31228
  - inclusive reactions, spin dependence 2—31233
  - inclusive reactions, triple Regge domain, exchange degeneracy and total cross sections 2—31231
  - inclusive reactions, urbaryon rearrangement diagram approach 2—21260
  - inclusive reactions, urbaryon rearrangement diagram approach 2—21261
  - inclusive reactions and urbaryon rearrangement diagrams 2—38264
  - inclusive reactions in the Regge pole model and duality 2—31224
  - inclusive reactions near boundary of phase space, Pomeranchuk theorems 2—31239
  - inclusive spectra, shapes, function of longitudinal momentum, Regge phenomenology 2—27719
  - inclusvie processes, internal symmetries and model-independent relations 2—34630
  - inelastic, limiting behaviour, diffraction and fragmentation 2—38256
  - inelastic processes, e.m. contributions 2—31238
  - Lagrangian formalism, expansion in terms of U_2 group series 2—23756
  - lepton-hadron collisions, deep inelastic region, sub-urbaryonic composite model 2—31216
  - lepton-hadron inelastic reactions, renormalized quantum field theory 2—21236

Hadrons continued
- **interactions** continued
  - local current algebra sum rules in rest frame 2—38267
  - low energy phenomenology, duality and symmetry 2—38263
  - low energy phenomenology, review 2—38262
  - many-particle reactions, longitudinal phase space technique and inclusive reactions, review 2—38260
  - medium energy dynamics, two-body and quasi-two-body reactions 2—38257
  - missing mass experiments, mechanism for background determination 2—27721
  - multiparticle, very high energies, review with emphasis on current theoretical pictures and models 2—34633
  - multiparticle interactions, review of work on phenomenology 2—8131
  - multiparticle processes, production amplitudes in exceptional regions 2—31232
  - multiparticle production exprts. on sealing, limiting fragmentation and factorization 2—21265
  - multiparticle production processes, transverse-momentum correlations 2—17854
  - multiperipheral bootstrap model with SU(3) multiplets 2—21258
  - multiperipheral model, extended, low energy zeros and Regge poles 2—392
  - multiperipheralism, validity of Poisson distribution 2—8132
  - multiple pion exchange, statistical approach to unitarity damping 2—17921
  - multiple production at high energy, gross structure, t-cut phase volume distributions 2—38254
  - multiple production of particles, interaction with Al nuclei 2—5569
  - nonleptonic weak, radiative hyperon decays as test for models 2—17857
  - P_t, tests for Hagedorn and Boltzmann distrib., thermodynamical model 2—27718
  - partial cross sections, asymptotic behaviour 2—11582
  - polarization measurements, possible future developments 2—34634
  - production amplitudes, fixed-angle lower bounds, inclusive experiments 2—2524
  - Regge cut theories, review 2—38259
  - Regge cuts and related topics, review 2—38258
  - Reggeized one pion exchange model, and applic. to $pp\to pn\pi^+$ reaction 2—21302
  - Reggeon-particle spin couplings in Feynman-diagram models of Reggeization 2—14589
  - relativistic quark models, evaluation 2—14590
  - sakaton rearrangement model of hadronic reactions 2—31230
  - scale-invariance-breaking, dimension 2—8135
  - scaling of multiplicity distributions in high energy collisions 2—34627
  - semi-inclusive reactions, isospin constraints 2—31199
  - short-distance, between hadronic weak currents, effects on structure of weak transitions 2—34636
  - small distances 2—390
  - strong, ω-ρ mixing effects 2—31306
  - strong, diffraction scattering and e.m. effects at very high energies 2—21266
  - strong, nuclear cascade process, investigation in ionization calorimeter 2—23922
  - strong, review of exptl. results at energies >10GeV 2—38265
  - strong, use of multiparticle dual resonance model 2—8136
  - strong and electromagnetic, dynamical lagrangian theory, physical and formal presentation 2—17855
  - strong and electromagnetic, scaling laws generated in framework of dual resonance models 2—17856
  - SU(3), test taking account of mass differences 2—34635
  - SU(n) Lie algebras, special bootstrapping property 2—31235
  - symmetry of strong and weak interactions 2—31237
  - three-triplet model, meso-strong and weak interactions in $SU(3)\times$SU(3) scheme 2—38209
  - total cross sections of πN, KN, $\bar{K}$N, NN, $\bar{N}$N reanalysed, inclusion of new Serpukhov data 2—34626
  - triple Pomeron vertex, lower bound 2—21277
  - two particle spectra, asymptotic behaviour 2—23812
  - two-body strong interactions, total scattering cross sections calc. by algebraic approach using SU(1,3) group 2—31236
  - vector meson dominance, gauge invariance 2—17853
  - weak, and CP violation, review 2—38266
  - weak, nonlocal approach 2—8137
  - weak, renormalisable deception theory 2—8138
  - weak, tests for angular momentum nonconservation 2—21267
  - weak interactions, vector dominance model of form factors 2—27725
  - weak two-body, calculations at very high energies 2—11584
  - π distribution in high energy collisions 2—27761
- **scattering**
  - ABFST model, Regge slopes and schizophrenic pomeron 2—34647
  - ABFST multiperipheral model, pseudoscalar meson octet inclusion 2—21269
  - absorptive and complex-Regge-pole models, possible relation, πN scattering considered 2—17871
  - Amati-Bertocchi-Fubini-Stanghellini-Tonin multiperipheral model, Regge trajectories and pomeron slope 2—8145
  - Amati-Bertocchi-Funini-Stanghellini-Tonin equation with resonance kernel 2—31247
  - amplitude, analytic continuation and Pade approximants 2—17862
  - amplitudes, construction of Fourier-Bessel transforms 2—31256
  - amplitudes, sum rules for discontinuities 2—31244
  - amplitudes constructed with partial differential eqn. having solutions with dual model characteristics 2—38271
  - amplitudes with Schwartz type Regge trajectories 2—14610
  - amplitudes within framework of Mandelstam representation 2—31248
  - backward scatt., duality constraints and ε meson couplings 2—21271
  - complex angular momentum theory for high energy $\pi\pm$N, K$\pm$N, NN-$\bar{N}$N scattering 2—34641
  - complex Regge poles, theory and practice 2—8144
  - configuration space δ-shell interaction, relativistic Regge trajectories 2—8147
  - crossed channel theory, predictions, direct channel analysis 2—5516
  - by deuterium, effects of Coulomb field 2—2580
  - diffraction, complex Regge trajectories 2—11588
  - diffraction dissocation, optical model, inclusion of form factor effects 2—14602
  - diffraction dissociation, diffractive contribution to cross sections 2—17875
  - diffractive Pomeranchukon bootstrap, application to inclusive expts. 2—17884

Hadrons continued
- **scattering** continued
  - diffractive resonance production, helicity conservation and longitudinal phase space 2—31301
  - dual absorptive model and unitarity 2—11587
  - dual amplitude with arbitrary trajectories 2—34642
  - dual amplitudes, derivation and applic. to $\pi\pi$ and πN scattering 2—31243
  - dual amplitudes with phase double spectral representation 2—14615
  - dual approach to Regge dips 2—399
  - dual loop graphs, nonorientable, rel. to isospin 2—395
  - dual models, field theory interpretation of supergauges 2—2529
  - dual models, introduction of noncommuting operators into trajectories 2—14617
  - dual multiparticle models, isotopic spin splitting of trajectories 2—394
  - dual multiparticle theory, features of nonlinear trajectories 2—400
  - dual N-Reggeon vertex, field operator formalism 2—2538
  - dual Pomeron amplitude, asymptotic behaviour 2—23827
  - duality of non-parity-doubled systems 2—38277
  - duality sum rule for deep inelastic scattering 2—27774
  - elastic data exclusion in calculating multiplicities, role of diffractive contributions 2—2535
  - elastic diffraction slopes, energy dependence 2—17874
  - electromagnetic form factors, vector meson dominance, implications of Veneziano model 2—14619
  - elementary discontinuity formulas, Mueller's Regge hypothesis 2—21278
  - exchange current radiation model for inclusive spectra and elastic scatt. 2—14603
  - Feynman diagrams, with i.r. divergences and Coulomb interference, asymptotics 2—34640
  - finite transform sum rule, duality considerations 2—34638
  - fixed pole at J=1 explained by three different models 2—14604
  - fixed pole Pomeranchukon bootstrap in asymptotic high energy hadron hadron scattering 2—14605
  - forward scattering, local representations 2—34637
  - forward scattering, natural versus unnatural parity exchange, quark model 2—17866
  - geometric and Regge models, equivalence 2—17886
  - hadron lepton inelastic collisions, study in vanishing limit of Pomeron contrib. universality of structure functions 2—2530
  - high energy, simple relation between polarisation and differential cross section 2—31226
  - high energy collisions, dependence of multiplicity on recoil momentum 2—23819
  - high energy collisions, diffractive production of particles model 2—27726
  - high energy large momentum transfer collisions 2—14592
  - high energy models, geometrical duality and effective Regge trajectory, new model proposed 2—31254
  - high temperature system containing excited particles, statistical theory, abundance by S-matrix formalism 2—31179
  - high-energy models, phenomenological comparison, violation of Pomeranchuk theorem 2—34639
  - inclusive processes, consequences of C and isospin invariance and unitary symmetry 2—14601
  - inclusive processes, reggeon reggeon total cross sections 2—14593
  - inclusive reactions, anomalies of triple Regge vertex 2—23824
  - inclusive reactions, Chou Yang type sum rule for correlation functions 2—14591
  - inclusive two-particle spectra, dual resonance model implications 2—17876
  - inelastic, at large momentum transfers, e.m. mech. contrib. 2—34643
  - inelastic, possible relaxation between structure at very small momentum triangles of contributions to total sections at very high energies 2—23818
  - inelastic processes, relations between total cross sections, average multiplicities and threshold functions 2—14598
  - inelastic reactions, validity of Pomeranchuk hypothesis 2—38269
  - infinitely rising trajectories and existence of the Mandelstam representation 2—34648
  - invariant amplitudes for studying parity content of duality 2—38278
  - Lorentz poles construction in particle exchange model 2—27729
  - many channel, criticisms of phenomenological models 2—17859
  - missing mass experiments, study of production cross section of high-spin resonances using Veneziano model 2—14620
  - multi-Regge model for deep inelastic electro and photoproduction 2—23796
  - multiparticle amplitudes, signatured Froissart-Gribov continuation to complex helicity and angular momentum 2—34644
  - multiparticle unitarity, analytic continuation in complex angular momentum plane 2—34645
  - multiperipheral bootstrap models, s-channel unitarity constraint 2—21279
  - multiperipheral dynamical equations, construction from inclusive sum rules 2—38274
  - multiperipheral model, final state spectra 2—31252
  - multiperipheral models and deep inelastic scattering 2—17873
  - multiplicities of pion production, distributions found 2—2536
  - N-particle inclusive reaction, factorization in dual resonance model 2—21273
  - N/D method and generalised partial wave relations 2—38270
  - Neveu-Schwarz model, generalization to arbitrary intercept 2—5515
  - off the mass shell forward scattering amplitude, two variable perturbation theoretical integral representation 2—14599
  - off-mass-shell continuation in ABFST multiperipheral model, $\pi\pi$ scattering considered 2—17870
  - one loop planar amplitude calc. using lattice dual renonance model 2—8141
  - partial wave amplitudes, implications of crossing and analyticity properties 2—17860
  - parton approach to dual models 2—23816
  - Pomeranchuk relation disturbance with logarithmically growing interaction cross section 2—2540
  - Pomeranchuk singularity, unitary models 2—8150
  - Pomeranchukon singularities, self-consistent 2—401
  - pomeron, quasistability, bootstrap model proposed 2—31253
  - pomeron model, comparison of predictions with experiment 2—17878
  - potential, numerical determination of Regge poles 2—38275
  - quark model double scattering relations, accuracy 2—31250
  - Regge amplitude constructed, role of fixed angular momentum plane branch points with regard to t=0 singularity structure 2—17880
  - Regge behaviour and duality, approach based on infinite sum of one-particle-exchange amplitudes 2—23829
  - Regge-eikonal model, theoretical difficulties 2—38276

Hadrons continued
- **scattering** continued
  - resonance residues reality 2—397
  - resonant amplitude, new interpretation of duality and structure 2—23828
  - s-channel helicity conservation, connection with scale invariance 2—17858
  - s-channel spin conservation, study of consequences 2—31242
  - single channel scattering, connection between cross section width and lifetime of metastable state 2—2527
  - strip model, linearization by soln. of N/D eqn. in one channel 2—2526
  - sum rules for inclusive cross sections, loop contributions 2—11585
  - three-to-three scattering amplitudes triple-Regge coupling and diffractive spin dependence 2—17877
  - total cross sections, asymptotic behaviour, and additional odd-signature meson trajectories 2—21306
  - triple-pomeron vertex at t=0, indirect calc. 2—14609
  - triple-Regge vertex, helicity pole and related asymptotic behaviours of six-line amplitude studied using DRM 2—17883
  - two body scattering amplitudes, helicity structure of P and P′ contributions 2—14606
  - two particle prod., short range correlations, analysis of 8-pt. dual amplitude 2—17863
  - two-body and quasi-two-body, dual geometrical model, dips 2—2534
  - two-particle distributions in dual resonance model 2—21272
  - vector-spinor scattering, Feynman diagram model, fermion conspirators 2—17872
  - Veneziano amplitudes, inverse amplitude (K-matrix) method for unitarization 2—398
  - Virasoro model, closed form expression for residues of fixed and Regge poles 2—14600
  - Virasoro model and duality 2—14596
  - N form factor derivation from pole dominance and Veneziano model 2—427

Haemoglobins *see Proteins*

Hafnium
- emissivity, specific heat and temp. dependence of specific electrical resistance at high temps. including β phase and thermal effects of $\alpha\to\beta$ transformation 2—29552
- foil, high rate physical vapour deposition, feasibility study 2—32369
- Hf-Ta mixtures in plasma spraying as sputtering source 2—5106
- ^{181}Hf, diffusion in Hf-2.1%Zr 2—32563
- ^{180m}Hf gamma spectra used in rel. intensities calibration of Ge(Li) spectrometer 2—443
- in Ni alloy, Mar-M200, rupture life and ductility enhancement 2—15865

Hafnium compounds
- Luna 16 fines, conc. 2—20662
- Luna 16 soil conc. 2—20664
- oxycarbides and oxynitrides, temp. dependence of lattice parameters, thermal expansion 2—29562
- Hf-H system, spin lattice relax., electronic contrib., spin echo method 2—16405
- Hf-2.1%Zr, bulk self diffusion of ^{181}Hf 2—32563
- (Hf,Ta)V_2 and (Hf,Zr)V_2 alloys, supercond. transition temp. correl with lattice instabilities 2—32937
- HfB_2, thermal expansion over temp. range 300-2500°K 2—6683
- HfC, indentation hardness, plastic flow and fracture 2—1294
- HfC, phonon dispersion calc. 2—19373
- HfC, phonon spectra, pseudopot. approach 2—19321
- HfC, phonon spectra and supercond. 2—19388
- $HfCl_6^{2-}$, force constants and mean amplitudes of vibration 2—3035
- $HfGeO_4$, thermal expansion, rel. to cryst. chemistry 2—22430
- HfI, obs. of new band spectrum in emission from radiofrequency discharge 2—8657
- HfN, dispersiod in W, chemical covapour deposition 2—22351
- HfO_2:Nd^{3+}, absorpt. spectra and emission of Nd^{3+} 2—33269
- HfO_2-Y_2SiO_5, phase equilib. and solid soln. struct. 2—1411
- HfO, band spectrum 2300 to 11500 Å 2—8658
- HfO_2, electron hole mobility, elec. cond., thermogravimetric and Seebeck coeff. obs. 2—10017
- HfO_yN_z, phase diagram and cryst. struct. 2—1397
- Hf_3P, Knight shift, spin lattice relaxation, conduction process 2—4559
- HfS_2 crysts., compressibility 2—25497
- HfS_2(Se_2), band struct. 2—36417
- $HfSiO_4$, thermal expansion, rel. to cryst. chemistry 2—22430
- $Hf_yTa_{1-y}N_x$ film, prep. by reactive alloy sputtering 2—9277
- HfV_2, cubic- orthorhombic transform.. low temp. 2—15966
- MfC, deform. characts., rel. to chem. bonding, X-ray line broadening obs. 2—32493
- Mo-Nb-Hf alloy, phase diagram, hardness, metallography, X-ray analysis 2—4019

Half-lives *see Radioactivity/decay periods*

Hall effect
- *see also Semiconducting materials; Semiconductors*
- amorphous semiconductor, anomalous relative sign of Hall and Seebeck coeff. 2—22519
- anomalous, contrib. of two-phonon processes 2—6757
- anomalous, diagrammatic analysis 2—16083
- biological materials, microwave frequencies 2—26939
- biological polymer, microwave Faraday rotation meas., mobility detn. 2—16216
- biomacromolecular system, microwave meas. 2—34286
- chalcogenide glasses, Hall mobility meas. rel. to investigation of small polaron hopping motion 2—32986
- conductivity effect on magnetic field of local currents in lower ionospheric layers 2—23011
- cryostat, metal, and sample holder, for photo Hall effect studies on high ohmic crystals from 10-300 K 2—30721
- electrolyte, very dilute soln., experimental method 2—15606
- electrolyte solns., infinitely dilute, coeff. calc. 2—15603
- electron gas with random impurity scatt. 2—16207
- ferromagnet, side-jump model applic. 2—22484
- ferromagnetic metal, cubic crystal, two dimensional Hall effect 2—16136
- film, polycryst., model, and thermoelec. effect 2—25940
- graphite, quantum oscills., minority carrier study 2—36497
- inhomogeneous material, low-resist. grains separated by high-resist. layers 2—16208
- inhomogeneous material, mobility calc. rel. to Hall effect anomalies 2—22518
- inhomogeneous material, rel. to photocond. model 2—16209
- ionosphere, magnetic field in gyrotropic plant 2—13772

Hall effect continued

- in liquid with tensor conductivity in travelling magnetic field 2—28480
- magnetic alloys, generation by left-right asymmetry in scattering of electron by magnetic impurities 2—19820
- magnetic conductors, apparatus for normal coefficient obs. 2—4336
- magnetic field generation in magnetopause by perturbation of solar wind 2—26523
- magnetometer, magnetic field intensity, formula for calculating, sources of error 2—2340
- magnetometer for relative measurements using Hall pickups, electromagnets 2—34300
- metal, liq., spin-orbit interaction influence 2—18848
- metal film, Leonard-Ramey method of thickness meas. 2—3508
- near metal-insulator transition 2—19623
- microwave Faraday-type rotation of biological materials 2—26939
- m.o.s.t. inversion layer, hole mobility, low temp. obs. 2—16254
- normal coefficient, apparatus for obs. in magnetic conductors 2—4336
- organic crystal, d.c. measurement technique 2—16215
- photo-Hall mobility meas. on high impedance photoconducting materials using double modulation method 2—27387
- plasma flow with superimposed electric current under influence of axisymmetric external magnetic field 2—31960
- potential difference, between electrodes in d.c. discharge, effect of secondary electron emission 2—24868
- rare earth chromoselenides, semicond. behaviour 2—10029
- rectangular Hall plate, measurement of normal component in 2 or 3 component mag. field 2—14370
- in salt water solution, meas. in undergraduate lab. 2—15602
- scandium oxide. nonstoichiometric, plasma-synthesized, voltage meas. 2—9344
- in semiconducting samples, computer controlled automatic system 2—19680
- semiconductor, amorphous, Hall mobility, random phase model 2—16200
- semiconductor, film, conductivity and Hall mobility, van der Pauw method 2—9991
- semiconductor, four point probe Hall effect and resistivity measurements 2—40223
- semiconductor, heavily doped, at low temp. in weak mag. fields 2—19625
- semiconductor, heavily doped, low temp. adiabatic effect, calc. 2—40269
- semiconductor, in impurity conduction 2—13212
- semiconductor, inhomogeneous, high apparent mobility 2—4204
- semiconductor, inhomogeneous, rel. to anomalously high mobility 2—16195
- semiconductor, intrinsic, rel. to Dember effect 2—4193
- semiconductor, n-type, analysis of two band Hall effect 2—9987
- semiconductor, nondegenerate, carrier parameters 2—29651
- semiconductor, p-type, relax.-case, sign 0f Hall coeff. 2—13208
- semiconductor, polarized electrons, Kane model calc. 2—22525
- semiconductor, Sb_2Se_3, liq. 2—1108
- semiconductor, Si film, chemically vapour deposited 2—1536
- semiconductors, continuous recording equipment 2—22556
- superconductor dirty, conductivity fluctuation 2—6765
- TCNQ charge-transfer complex, cond., Seebeck coeff. 2—40216
- TCNQ complex, microwave Faraday rotation meas., mobility detn. 2—16216
- TCNQ salts, compactions 2—25833
- transition metal compounds, nonstoichiometric, rel. to semiconductor-metal transition 2—4218
- transition metal supercond., dirty, near upper critical field 2—40213
- transition metals, liquid, positive and zero coeffs. 2—15564
- tubular semiconductor specimens, measurement of Hall coefficient 2—29692
- $ZnGeP_2$, crysts., p-type, thermoelec. power, hole conc., hole effective mass 2—13245
- Ag films, geom. size effect 2—1481
- $A^{II}B^{V}$ compound, film, prep. by crystalliz. of melt compressed between two backings 2—32975
- Al, const. determ. from standing helicon wave resonance spectra 2—13103
- $As_2(Se,Te)_3$, vitreous, semicond., Hall coeff., annealing effects 2—40243
- As_2Se_3, vitreous, temp. depend., 180-225°C 2—22527
- β-B, rhombohedral, determ. of density of states, carrier density 2—22458
- BP, single cryst., refractory semicond.. grown from B-Ni-P soln. 2—9358
- Bi-Sb alloy, transport properties 2—29660
- Bi-Sb alloys, press. influence 2—32968
- Bi film, quantum size effect 2—25765
- $Bi_{95}Sb_5$:Te, rel. to electron band structure 2—29683
- C, during graphitization rel. to activation energy determ. 2—29388
- Cd_3-As_2-Zn_3P_2 solid solution, semiconducting props., 300-800K 2—19656
- Cd layer, recrystallization, etching, electron microscopy 2—18934
- Cd_3As_2, cryst. platelets, growth, Hall data 2—40274
- $Cd_{0.1}Hg_{0.9}$ Te, film, Hall coeff. and mobility thickness depend. 2—10012
- $Cd_xHg_{1-x}Te$, pressure and temp. dependence, rel. to energy gap 2—19667
- $Cd_xHg_{1-x}Te$ alloys, mobility press. and temp. depend. 2—4209
- $CdIn_2S_4$(:Sb), Hall coeff., temp. depend., 200-500K 2—22529
- $CdIn_2S_4$, resist., photocond., stoichiometry effect 2—10008
- $CdIn_2Se_4$-$CdInTe_4$ solid solution, electron effective mass determ. 2—19638
- CdS:Cu, photo-Hall effect, i.r. quenching 2—33068
- CdS:Cu crystal, Hall mobility rel. to doping 2—29664
- CdS, elec. props. rel. to growth conditions 2—19636
- CdS, electron conc. and mobility determ. 2—10010
- CdS film, solution spray prep., Hall mobility, rel. to cryst. orientation 2—32971
- CdS film, vacuum evaporated, Hall mobility 2—36492
- CdSb:Ag(Ge)(Te), temp. depend. 2—36046
- CdSb:Te, Hg(In), influence of double doping 2—36499
- CdSe, carrier mobility rel. to excitation intensity, Hall effect obs. 2—32976
- CdSe, photoelectronic props. of electronically active defects 2—13338
- CdTe, rel. to influence of optical phonons 2—25943
- Ce, results of meas. for solid and liquid state 2—16137
- Co-Ni thin film, mag. field and comp. depend. 2—13403
- CoAl, resist., thermo-emf 2—6760
- CoO, undoped and Cr or Ti-doped, 988-1280°C 2—36502
- Co_2Si, physical props. 10-350K 2—40141
- α-cu-Mn solid soln., struct. ordered., Hall resist.. mag. field and temp. depend., annealing effects, 4.2-100K 2—32918
- $Cu_{0.75}Ni_{0.25}Fe_2O_4$, temp. depend. 2—1513
- Cu_xS, (x = 1.85-2.0), temp. depend. 2—13228
- Er, crysts., coeffs. anisotropy, e.m.f. temp. depend., 4.2-310K 2—16380
- EuTe, negative magnetoresist. obs. 2—29665
- Fe-Ni alloy, effect of plastic deform. 2—22492

Hall effect continued

- Fe, Armco, effect of plastic deform. 2—22492
- FeAl, resist., thermo-emf 2—6760
- $FeCr_2S_4$, ferrimag., rel. to spin disorder scatt. 2—32977
- α-Fe_2O_3, n-type, anomalous effect, inhomogeneous conduction 2—10028
- FeP_2 single crystals, prepared by chemical transport reaction 2—29798
- FeS_2, temp. depend., and photo effect 2—4300
- Ga, liquid, meas. by Corbino method 2—1113
- n-GaAs:Te, Hall mobility, Shubnikov-de Haas effect, 1.9-4.2 K 2—22548
- GaAs:Zn, free carrier conc. profiles in Zn diffused region, Hall coeff. meas. 2—22224
- GaAs:Zn, impurity conc. determ. 2—6837
- n-GaAs, conc. and mag. field intensity depend. 2—22534
- GaAs, electrical characterization 2—33009
- GaAs, epitaxial, impurity incorporation studies 2—9276
- GaAs, epitaxial, γ-irrad. damage, energy levels 2—16227
- p-GaAs, galvanomag. effects, Hall effect obs. 2—32980
- n-GaAs, Hall mobility and factor calc. using linearized Boltzmann eqn. 2—16080
- GaAs, high press. effects, 286-573K 2—36506
- GaAs, rel. to dominant scatt. mechanisms, 300 to 700K obs. 2—6816
- n-GaAs epitaxial films, temp. depend. 2—6812
- GaP:Si, rel. to donor ground state 2—36530
- GaP, high purity, temp. depend. 2—12694
- GaSb:Te, conduction band detn. 2—4225
- GaSb:Te, Hall coeff., mobility, and resistivity, from thermal cond. data 2—22532
- GaSb:Te(Zn), carrier conc. and temp. effects 2—29666
- p-GaSb, doped, coeff. temp. depend. 2—16306
- n-GaSb, piezo-Hall effect, cond. band obs. 2—10013
- GaSe, layer semicond., electrical props. 2—10016
- GaaS:Cd, ion implanted, effect of annealing 2—9521
- Gd-Y alloys, ferromag. effect 2—6975
- Gd, anomalous resist., press. effect 2—6762
- Ge:B, Ga, P, As ion implanted, elec. props. obs. 2—25859
- p-Ge:Cu, impurity compensation effect on props. under press. 2—19687
- Ge-Mn alloys, liq., coeff. conc. depend. 2—15608
- n-Ge, at orientation of current along low symmetry axis 2—4234
- Ge, dislocation electronic states 2—25857
- n-Ge, Hall coeff., mobility anisotropy coeff., from helicon reson. freq. meas. 2—25855
- Ge, Hall mobility, estimation from magneto microwave Kerr effect amplitude ratio meas. 2—36821
- Ge, irrad. induced defect obs. 2—12749
- Ge, p-i-n struct. formed by electron irrad. 2—25888
- n-Ge, piezo-Hall e.m.f. 2—19684
- n-Ge, saturation stressed degenerately doped 2—22562
- n-Ge, transverse galvanomag. coeffs. in strong elec. fields 2—6851
- Ge epitaxial film, on GaAs substrate 2—10067
- GeSe, liq., carrier sign obs. 2—9156
- Hg, information on pseudogap formation 2—15609
- Hg, liquid, meas. by Corbino method 2—1113
- Hg, near metal insulator transition 2—39385
- p-$Hg_{1-x}Cd_xTe$, press. depend., 4.2 and 77K 2—32983
- HgS_xSe_{1-x}, temp. depend. 2—13233
- In-Pb alloys, normal and flux-flow states 2—13162
- In-Sn alloys, normal and flux-flow states 2—13162
- InAs, sputtered film 2—10023
- In_5Bi_3, mixed state, field depend. 2—32938
- n-InSb, carrier numbers and mobility, effects of intense i.r., photocond. and photo Hall effect obs. 2—32908
- n-InSb, electron mobility detn. rel. to plasma pinch effect 2—25751
- p-InSb, Hall coeff. field depend., 77 K 2—22551
- n-InSb, photo Hall effect, rel. to neg. photocond. in transverse mag. field 2—33070
- n-InSb, photoelec. Hall effect in quantizing mag. fields 2—4305
- p-InSb, Shibnikov-de Haas oscills. 2—40259
- InSb, slab, intrinsic Hall voltage, spatial distribution 2—10022
- InSb transducer, for mag. bubble domain detection 2—40445
- K, results of meas. for solid and liquid state 2—16137
- KCl, Hall mobility of electrons meas. by double modulation method 2—27387
- $Li_{0.5}Fe_{2.5}O_4$, ferrite, Hall e.m.f., coeffs., 300-550 K 2—19649
- $Li(NH_3)_4$, 1.5-77K, calc. of mobilities and number densities using two-band model 2—19547
- MnO, mobility of electrons, high temp., ionized impurity influence 2—10025
- $MnSi_{2-x}$, x=0.25-0.28, cond. mechanism investigation 2—40261
- MoS_2, molybdenite, elec. and thermoelec. props. 2—36513
- Na, results of meas. for solid and liquid state 2—16137
- Nd-Bi alloy, temp. and comp. depend. 2—1413
- Ni-Co alloy, rel. to Nernst-Ettingshausen effect 2—32920
- Ni-H system, h.p. coeffs. 2—4378
- Ni-H system, rel. to mechanism of disappearance of ferromagnetism 2—40490
- Ni, effect of plastic deform. 2—22492
- Ni, ferromagnetic, Hall resist. rel. to conduction, influence of $\Delta\rho/\rho$ effect 2—19548
- Ni dil. alloys, transition metal impurity effects on extraordinary R_s 2—19549
- Ni single crystal thin films, planar magnetoresistivity and planar Hall effect 2—40456
- NiAl, resist., thermo-emf 2—6760
- p-NiO, anomalous effect, inhomogeneous conduction 2—10028
- Ni_2Si, physical props. 10-350K 2—40141
- NiTe, polycrystalline thin films, variation of Hall voltage with mag. field 2—1520
- $Pb_{1-x}Mn_xTe$ solid soln., density-of-states effective mass determ., 120K 2—22539
- $Pb_{1-x}Sn_xSe$, evidence for band-inversion model 2—25825
- $Pb_{1-x}Sn_xTe$ epitaxial film 2—32375
- PbTe, containing impurities, homogeneity study 2—36035
- PbTe and $Pb_{1-x}Sn_xTe$, low temp. mobilities 2—4214
- PbTe epitaxial films, mobility obs. 2—9279
- Rb, results of meas. for solid and liquid state 2—16137
- Sb, temp. variation above 4.2K 2—36446
- Sb_2Se_3, liq. 2—1108
- Sb_2Te_3:I, effect of impurity content 2—19651
- ScAs(P) epitaxial layers. mobility meas. 2—9282
- Se, microwave Faraday rotation meas., mobility detn. 2—16216

Hall effect continued
Se layer, recrystallization, etching, electron microscopy 2—18934
Se rectifier, hot hole mobility, avalanche Hall effect obs. 2—36559
Si:B,Au, electron irrad., annealing, elec. cond. 2—10070
Si:B implanted, annealing behaviour 2—33016
Si:In, implanted, 100-278 K 2—6852
Si:In, Sb ion implanted, conc. profiles, elec. props. 2—25439
Si:In ion implanted, mobility and carrier conc. data 2—25871
Si:In ion implanted, rel. to impurity ionization energy 2—25872
Si:Li,B, ion pairing and ground state degeneracy, resistivity and Hall effect obs. 2—36053
p-Si:N ion implanted at cryogenic temps., elec. props. 2—25430
n-Si:P, D irrad., effect on Hall mobility, carrier density 2—22566
Si:P, elec. active damage in hot implantations 2—25869
n-Si:P,Fe, temp. depend., rel. to doping 2—6485
Si:P ion implanted, rel. to deep localized levels 2—25870
n-Si, Hall scattering coeff. 2—1535
Si, hot electrons, elec. and mag. field depend. 2—36546
Si, interface-state density and mobility ratio obs. on m.o.s.t.s 2—16240
Si, intervalley scatt. mechanism 2—22568
Si, ion implanted, defect study 2—22181
Si, multiband conduction model and anisotropic channel conductivity on (110) surface 2—16239
n-Si, polar effect at 77K 2—29711
Si film, chemically vapour deposited 2—1536
Si film, epitaxial on sapphire, carrier transport mechanisms, m.i.s. deep depletion Hall effect struct. obs. 2—40293
Si film, on sapphire, elec. props. depth variation, m.o.s. Hall technique 2—19688
Si film, on sapphire, elec. props. depth variation, m.o.s. Hall technique 2—19688
SiAs, melt grown, elec. properties 2—10033
n-Sn, grey, under uniaxial compression 2—36531
Ta film, sputtered, depth depend. 2—32922
TaS_2, intercalation effect 2—32951
Te:Ag(Sb), temp. depend. 2—36046
Te-Se, liquid alloy, double a.c. method, rel. to density of states 2—12581
Te, Hall coeff. anomalous temp. depend., two-carrier model 2—29688
Te, liquid, double a.c. method, rel. to density of states 2—12581
Te, low mag. field, acceptor states obs. 2—10053
Te, temp. depend., 1.4-77K 2—29676
TlBr, photoexcited, temp. depend. 2—40264
Tl_xTe_{1-x}, liq., temp and comp. depend. 2—39387
VO_2 film, mobility, struct. dependence 2—19654
V_2O_5, mobility temp. depend. 2—10036
W-Re alloys, conc. depend. 2—36447
W-Re solid solution, conc. and struct. depend. 2—39944
W film, effect of H_2 chemisorpt. 2—40186
α-WC, low temp. 2—1521
ZnSb, p- and n-type 2—1522
ZrC, composition and temp. depend. 2—1523
ZrH, field and H content depend., current carrier mobility 2—6824

Hall generators *see Electricity/direct conversion; Semiconducting devices*

Hall mobility *see Hall effect*

Halogens
atom, transient species, photoelectron and chemielectron spectroscopy 2—35163
atomic electron binding energies, 2p and 3p meas. 2—35281
atomic paramagnetic resonance spectra, forbidden transitions 2—2948
atoms, ground-state $^2P_{3/2}$ meas. using atomic resonance absorption 2—15229
bihalide ions, high-resolution n.m.r. 2—784
bihalide ions in solution, formation equilibria and proton shieldings studied by proton NMR 2—35789
diatomic molecules, ionization thresholds, hot band effects 2—18420
halide doping, europium chalcogenides, mag. and elec. props. 2—4353
halides, adsorption on Pt electrode, obs. using technique for polarized light reflected intensity meas. 2—9309
halides, crystal lattice properties, calc. using modified Born potential energy function 2—22094
halogenoethylene and halogenogermane molecules, sum rules for vibration 2—8782
molecular beam-deuterium atomic beam collision study 2—13564
molecules, reactive scattering with K_2, cross sections and mechanisms 2—890
negative ions, cross section of destruction and recharging in energy range 300-3000 eV 2—21864
octahedral haloanions of IV B group elements, force constants and mean amplitudes 2—3035
W halogen systems, free formation enthalpy of W halides 2—30055
W halogen systems, gas phase constitution and chemical transport reactions, thermodynamic aspects 2—30056

Hamidashi effect *see Ferroelectric materials; Ferroelectric phenomena*

Hard-sphere gases *see Quantum fluids; Statistical mechanics*

Hardness
see also Abrasion; Work hardening
alkali halide crystal, admixture hardening rel. to defect struct. 2—19235
boron suboxide, microhardness 2—9331
brass, 70-30 cartridge, indentation and grain size 2—32652
drill tubes, effect of electromechanical hardening on corrosion fatigue failure 2—3892
fractographic head, measurement of microhardness 2—29368
glass, microhardness meas., using Vicker's diamond indenter 2—6584
hot testing 2—25550
ice single crystals anisotropy 2—9717
Inconel 600, rel. to explosive shock deformation, thermal recovery 2—9656
instrument for determining modulus of elasticity, internal friction coefficient, and dynamic hardness, large temperature range 2—39857
metal, dispersion hardening, strain hardening due to dispersed second phase 2—25574
metal, quench hardening and point defects, book 2—12930
metal, refractory, dispersion hardening, review 2—32747
metal, rel. to compatibility determ. by static friction tests 2—29458
metal surface, residual polishing agent rel. to hardness, nucl. reaction reson. obs. 2—12634
metallic system, hardening by ordered coherent precipitates 2—19259
metals, rel. to static and dynamic friction 2—9723

Hardness continued
precipitation hardening, analogy with magnetic and superconductor hardening 2—39912
rare earth metal hectoboride phase, rel. to phase relations 2—9833
rare earth zirconium oxides, $Ln_2O_3.2ZrO_2$ 2—36284
rare-earth borides, B-rich, Vicker's microhardness 2—9337
rubber, Young's modulus determ. from indentation of sheets by spherically tipped indentors 2—22256
steel, 20% Ni, hardening, influence of alloying elements 2—36214
steel, γ' phase precip. mechanism, solid soln. hardening effects 2—36215
steel, austenite, hot rolled, recrystallization 2—12943
steel, austenite grain size effects 2—36244
steel, austenitic, soln. and precip. hardening in types 304 and 316 2—1304
steel, austenitized, hardness-cooling rate curve 2—29336
steel, case-hardening process, standardisation 2—3814
steel, cast high-speed, effect of Ti and V 2—36176
steel, cast V, precipitation hardening 2—9749
steel, correl. with errosion resist. 2—39853
steel, effect of explosive deform. 2—39930
steel, effect of nitrification 2—15962
steel, effect of V and N impurities 2—6517
steel, Fe-Cr-Ni, precip.-hardening process during ageing 2—32697
steel, heat treated, serrated grain boundaries rel. to brittle fracture and toughness 2—19204
steel, high C, cold drawn wire, ageing and recovery 2—9757
steel, high strength austenitic stainless, TiN dispersion 2—15932
steel, influence of precip. hardening on recrystn. texture 2—3992
steel, maraging, hardening mechanism 2—36217
steel, maraging stainless, comp. depend. 2—36243
steel, microhardness, rel. to local pulse heating by laser beam 2—39846
steel, notched, fatigue loading, crack development, stress distrib. 2—29325
steel, surface hardening, u.s. and vibromagnetic methods 2—36196
steel, wear-resistant, effect of C and V content 2—36237
steel, weldable, heat treatment, structural transformation, comp. depend. 2—12945
steel roll, hardening depth, grain size, u.s. sound meas. 6-20 MHz 2—12913
steel roll, hardening depth, u.s. meas. 2—1332
testers, checking using reference blocks 2—39870
thin surface layers and films, det. with Knoop indentor 2—19222
Vickers microhardness indentation, plastic deformation inhomogeneity, emission electron microscopy 2—19174
welded steel, heat affected zone, notch impact toughness testing 2—6580
welded steel joint, heat affected zone 2—32654
Al-Mg-Li system, age hardening, precipitation 2—12954
Al-Mg, alloy effect of deposited metals in rapidly solidified structures 2—3888
Al-9%Mg alloy, rel. to effects of additional elements on ageing characts.39904 2—39904
Al-Zn-Mg, alloy, effect of deposited metals in rapidly solidified structures 2—3888
Al, AlMg, AlSi dil. alloys, hardening, vacancy-solute atom interaction 2—15749
Al, cold rolled, anisotropy, Knoop obs. 2—12912
Al, commercially pure, effect of deposited metals in rapidly solidified structures 2—3888
Al, microhardness, rel. to proton and α-particle irrad. 2—39847
Al, neutron irradiation, hardening, vacancy precipitation 2—19072
Al alloy, effect on erosion rate 2—29339
Al_2O_3, sintered with vitrifying additives 2—36199
Al_2O_3 film, chem. vapour deposited 2—39490
As_2S_x glass system, microstructure, comp. depend. 2—18900
Au, electroless deposit, effect of growth conditions 2—3524
Au, high press. hardening, vacancy vol. of formation 2—15898
Au, temper kinetics, vacancy formation 2—19246
B_2Se_3-Tl_2Se system, rel. to phase diagram determ. 2—36274
Bi, hardening loss by wedge-shaped twins under repeated loadings 2—19107
C, graphite, shock compacted rel. microstruct. 2—9714
C, pyrolytic, neutron irrad., effect of annealing 2—3757
Cd, hardening, 4 K, vacancies, resist. obs., electron microscopy 2—15753
CdSb-Ge system, Ge solubility determ. 2—29490
Cu-Al_2O_3, microstructure, obs. 2—39913
Cu-Be-Co alloy, effect of heat treatment conditions 2—29299
Cu-In-Te system, microhardness 2—1410
Cu-Ni-Si-Mg(Cr) alloy, cold working rel. to age hardening behaviour 2—32706
Cu, Al_2O_3 and ZrO_2 dispersion reinforced, hot hardness 2—1341
Cu, dispersion strengthened, temp. depend. 2—9684
Cu, effect of u.s. vibr. on single cryst. hardening curve 2—36195
Cu, hardness characts. during deform. 2—29334
Cu, microhardness, rel. to proton and α-particle irrad. 2—39847
Cu, radiation-induced hardening after deform. by rolling 2—39898
Cu alloy, effect of Zr alloying addition 2—9715
Cu alloy, effect on erosion rate 2—29339
Cu_3Au-Co alloy, precip.-hardening 2—29383
$Cu_5CdSe_4(Te_4)$, microhardness 2—29080
Cu(1.9wt.%)Co, Cu-(2wt.%)Co-(6wt.%)Zn alloys, agehardening mechanism, precip. effects 2—3913
Cu_3LnTe_3(Ln=Sm, Gd, Dy, Yb, Y) 2—36230
CuP_2, chemically deposited 2—29094
Cu_5YbS_4, microhardness 2—29080
Fe-N, martensite, microhardness, internal friction, precip., interstitial ordering, Mossbauer obs., 293-353K 2—9543
Fe-Ni-Co-Mo, steel, rel. to pre-precipitation and reversion 2—9809
Fe-Ni-Cr, austenitic, carbide nucleation and precipitation, B effect 2—9810
Fe-Ni-Mo-Co, martensitic alloy, temper hardening, X-ray diffr., electron microscopy 2—9740
Fe-Ni-Mo, martensitic alloy, temper hardening 2—9739
Fe-Ni-Nb, martensitic alloy, temper hardening 2—9739
Fe-Ni alloy, shock loading, microstruct., α-γ transformation 2—3867
Fe-Ni martensite, rel. to transform. induced substructs. 2—22358
Fe-Pt-Mn martensitic alloys, age- hardening 2—3941
α-Fe, age hardening rel. to quenching rate 2—22328
Fe, Armco, changes in micro hardness in presence of surface active medium 2—3914
Fe, hardness-flow stress-grain-size relationship 2—22289
Gd, microhardness temp. depend., Fe impurity influence near Curie pt. 2—29337

Hardness continued
- Ge-Se-Te glass, microhardness 2—35846
- Ge, dislocation half-loop formation by microhardness indentor 2—36032
- HfC, indentation, cracking and plastic flow 2—1294
- KCl:U, γ-irradiated, colouring and hardening due to secondary interstitial processes 2—36060
- Mg-Zn alloy, precipitation hardening 2—6599
- Mg, neutron irradiation, hardening, vacancy precipitation 2—19072
- MgO, precip. strengthened by $MgFe_2O_4$ 2—29402
- Mn-Cu-Co alloys, Elinvar-type, temp. depend. 2—32581
- Mn-Cu-Cr, alloy, nonmag., Elinvar-type, heat treated, cold worked 2—19160
- Mn-Cu-Fe, alloy, elinvar-type, nonmag., cold worked, heat treated 2—29233
- Mn-Cu-Ni, alloy, nonmag., Elinvar-type, heat treated, cold worked 2—19161
- Mn-Cu alloys, Elinvar prop. 2—29438
- Mn-Cu alloys, rel. to Elinvar props. 2—13053
- Mo/Au-Ge/Ge/n-GaAs/ Ge/Pb-Ge, complex diode, layer composition and microhardness 2—4249
- Mo-Nb-Hf alloy, phase diagram, metallography, X-ray analysis 2—4019
- Mo, microhardness, plastic deform., fine struct. changes during rolling 2—32508
- Nb-Al-Ce(La)(Y)(Pr) alloys, phase comp., annealing effect 2—4021
- Nb-N alloy, flow stress, solution hardening 2—9661
- Nb-O alloy, flow stress, solution hardening 2—9661
- Nb solid solution, dissolved O_2 and N_2, resist. 2—3942
- NbC, anisotropy rel. to slip system determination 2—9564
- $NbCo_2(Fe_2)$, Laves phases, temp. depend. of microhardness 2—22290
- Ni-Al-Nb alloy, Ni rich, rel. to precipitation characteristics 2—19302
- Ni-Fe-Nb, rel. to magnetic properties 2—4372
- Ni-Fe-Ti, alloy, and mag. props., elec. resist. 2—29812
- Ni-M alloys, solid solution hardening effect of solute atoms (M=Al, Cr, Si, Sb, Ti) 2—25505
- Ni-Mn, alloy, nonmag., Elinvar-type, heat treated, cold worked 2—19162
- $Ni\text{-}SiO_2$, composite film, microhardness 2—15666
- Ni, microhardness, rel. to proton and α-particle irrad. 2—39847
- Ni, microhardness increase under action of u.s. waves 2—9663
- Ni, powder and foil, rel to H_2 effect on crystal imperfection 2—15941
- Ni, relationship between point of recrystallization on microhardness curve and degree of formation before annealing 2—9718
- Ni, ZrO_2 dispersion strengthened 2—39902
- Ni alloy, effect on erosion rate 2—29339
- Ni_3Al alloy, hardening mechanism 2—6547
- Ni_3Fe alloy, correl. with short range order 2—25601
- PbTe, containing impurities, homogeneity study 2—36035
- Pt-Rh-Zr alloys, internal oxidation 2—4591
- Pt, high press. hardening, vacancy vol. of formation 2—15898
- $Re\text{-}Mo_2C$ superconducting solid solution, comp. depend 2—22498
- Rh_7B_3 and $RhB_{1.1}$, 20°C 2—1404
- $Sb_2Se_3\text{-}SnS$ system, microhardness of intermediate cpds. 2—29497
- Se-Te alloy, amorphous, microhardness, relax. effects 2—39772
- $2SnS.3Sb_2S_3$, microhardness 2—29496
- TaC, indentation, cracking and plastic flow 2—1294
- $TaCo_2(Fe_2)$, Laves phases, temp. depend of microhardness 2—22290
- Te:Sn, microhardness, impurity conc. depend. 2—13239
- Th hectoboride, rel. to phase relations 2—9833
- Ti-Mo-Ni system, polythermal section 2—32788
- Ti, cold working and heat treatment 2—12949
- Ti alloy, effect on erosion rate 2—29339
- TiC-N alloy, sintered, wear resist. 2—9777
- TiC, anisotropy rel. to slip system determination 2—9564
- VC, anisotropy rel. to slip system determination 2—9564
- $VC_{0.84}$, ordered, effect of domain size 2—6585
- VO_2, microhardness and cond. in semicond.-metal transition region 2—29678
- W-Re alloy, comp. depend. 2—1290
- Zn-Al, alloy, eutectoid, superplastic, extrusion speed and temp. rel. to extrusion stress and mech. props. 2—19255
- Zn-Mg dilute alloy, ageing characts. study 2—29405
- Zn, hardening loss by wedge-shaped twins under repeated loadings 2—19107
- Zr-Cr alloy, comp. depend. 2—22291
- Zr-(3 wt.%)Mo-(1 wt.%) Al, tempering of strain induced martensitic phase 2—25639
- Zr-(2.5 wt.%)Nb alloy, age-hardened 2—12952
- ZrC, anisotropy rel. to slip system determination 2—9564

Hardness, magnetic *see Magnetic properties of substances/ ferromagnetic*

Harmonic analysis *see Acoustic analysis; Calculating apparatus; Fourier analysis*

Harmonic generation, optical *see Lasers; Nonlinear optics*

Harmonic oscillators *see Quantum theory*

Hartree-Fock method
- amino anthracenes, nonsymmetrical, moment directions of electronic transitions, TDHF approximation calc. 2—21657
- atom, Hartree-Fock-Slater theory, Herman-Skillman modification 2—5775
- atomic ground states, fine-structure splittings 2—35126
- atomic problems, validity of Brillouin's theorem 2—11936
- chemical reactions, electronic instabilities, solutions of unrestricted SCF LCAO MO equation for homopolar two-centre two electron system 2—40803
- constrained calcs., using Lagrange multipliers, modified procedure 2—2662
- convergence of iterative procedure, role of intruder states 2—21349
- correlation energies, new approach 2—5779
- coupled perturbation equations, exact solutions 2—31633
- elastic scattering by nuclear Hartree Fock field, effects arising from truncation of harmonic oscillator basis 2—28011
- electron gas, screening of single positive charges 2—19525
- even-even nuclei, p-f shell, Hartree- Fock-Bogoliubov calcs. 2—11703
- excitation energies, potential energies of excited states of oscillator strengths computed for some molecules 2—15277
- extended H-F eqns., derivation using generalized Brillouin theorem 2—2900
- field-theoretical approximation, derivation of stationary and time dependent perturbation theory 2—11282
- finite nuclei, nucleon correlation, quantum theory 2—2664

Hartree-Fock method continued
- Fock matrices, procedure for setting up from randomly ordered lists of electron interaction integrals 2—21479
- frozen core version of H-F approx., use in calc. oscillator strengths of BI, CII, NIII and OIV 2—8441
- harmonic force constants, evaluation from Hartree-Fock-Roothaan wave functions 2—12074
- harmonic oscillator potential interaction, two-particle case 2—27056
- Hartree Fock Roothaan method, assessment of one centre and polycentre mol. wavefunctions 2—35204
- Hartree-Fock eqns., derivation from Brillouin theorem using Slater determinant 2—7676
- hyperpolarizability of atoms, method 2—11955
- inhomogeneous electron gas, exchange energy as functional of electronic density 2—5166
- ion-atom elastic differential cross sections, 4-627 keV calc. using unperturbed interaction of HFS electron densities 2—38836
- ionic cryst., quantum theory, Hartree-Fock eqns., Lowdin's approx. 2—25240
- ionic soft sphere parameters from Hartree-Fock-Slater calculations 2—38835
- Karplus-Kolker approximate uncoupled Hartree-Fock perturbation theory 2—18269
- LEED and ion core scatt. 2—6310
- LEED and ion core scatt. 2—6311
- light nuclei, density clustering, saturation mechanisms 2—38440
- many-electron atoms and ions, complete orbit orbit interaction of ground state 2—31643
- many-fermion system at high densities, exact results 2—108
- nonequilibrium Fermi systems, time-dependent Liouville theory 2—20876
- nonlinearity consequences, demonstration on PPP model for closed shell alternant hydrocarbons 2—35203
- nuclear sd shell, quartet HF model 2—21351
- nuclear two-body interactions 2—34873
- open shell theory, orbital energies and analogues of Koopmans' theorem 2—21478
- oscillator sum strengths calculated from HF wavefunction for atoms from He to Kr 2—11943
- photoionization of inert gases, calc. of cross sections and angular distributions using HF wave functions 2—11981
- polyatomic anions, in ionic lattices, electronic props., lattice pot. term modification 2—9321
- potential energy surface construction, for processes with change in electron config. 2—18387
- relativistic HFS calcs. of electronic levels and equations of state of atoms for arbitrary temp. and matter density 2—28185
- renormalized Bruekner-Hartree-Fock theory, analogue of Koopmans' theorem on separation energies 2—18062
- SCF wavefunctions for La^+, Tm^+ and Yb^+ 2—35141
- SCF wavefunctions for $Pb^{4+}(Xe4f^{14}5d^{10})$ 2—31823
- second-order perturbation theory diagrams for effective charge evaluated, interaction in sd shell 2—2659
- Slater statistical exchange approx., Latter's correction 2—18291
- spherical nuclei, Hartree Fock calcs. with Skyrme's interaction 2—27947
- spin projected method, use of general spin orbitals, application to He and Li 2—24315
- surface delta interaction and spherical Hartree-Fock Bogoliubov calcs. 2—11702
- three-electron atoms and ions, perturbation treatment of Hartree Fock equations for resonance states 2—8435
- time-dependent, appl. to elastic electron scatt. by H and He^+ 2—24396
- two electron atom, relativistic treatment, effect of magnetic interaction 2—11935
- two-dimensional Fermi gas instabilities studied in Hartree Fock approximation 2—11312
- uncoupled perturbation theory, dipole shielding factors of atoms and ions 2—24313
- unrestricted, radical description, e.s.r. spin coupling consts. rel. to n.m.r. consts. 2—3026
- wavefunctions He to Rb, calc. by expansion method 2—38797
- Ar, Compton profiles 2—35190
- Be atom, radial moment distributions calc. from restricted HF wave function 2—11950
- C, incoherent-scattering function, comparison of calc. using HF wave function and configuration-interaction wave functions 2—38839
- CF, multiconfiguration HF calcs. of potential curves of ground and some excited states 2—8597
- Cs, photoionization cross section and spin orientation of ejected electrons, relativistic calculations 2—31677
- Fe neutral atom, photoionization cross section calc. compared with cross section including correlations 2—11976
- Fm, binding energy of inner electrons, precision relativistic calculation 2—28191
- H_2, molecular, ground state Compton profile obtained from HF wave functions 2—12135
- H_2 wavefunction determ. from H_2^+ molecular orbitals 2—21606
- H_2O_2, study of barrier to internal rotation 2—8641
- He, Compton profiles 2—35190
- He, expectation values for ^1S state, Delves principle applied using numerical excited Hartree orbitals 2—35185
- He, van der Waals constants and nonadditive triple-dipole force constants calc. by coupled H.F. approximation 2—28232
- He isoelectronic sequence, relativistic corrections to ground state 2—11935
- K, photoionization cross section and spin orientation of ejected electrons, relativistic calculations 2—31677
- Kr, Compton profiles 2—35190
- Li^- multiconfiguration method calc. of low-lying autoionization states 2—11959
- Li_2, molc., bond formation study as function of internuclear distance 2—798
- ^{24}Mg, predictions for static and dynamic properties 2—11734
- N_2, Compton profiles 2—35190
- NH_3 molecule, one-electron properties calc. using near-Hartree-Fock wavefunctions 2—21626
- Na^- multiconfiguration method calc. of low-lying autoionization states 2—11959
- Ne, van der Waals constants and nonadditive triple-dipole force constants calc. by coupled H.F. approximation 2—28232
- ^{20}Ne, predictions for static and dynamic properties 2—11734

Hartree-Fock method continued
  ^{16}O(n,n), low energy S-wave scattering, Hartree-Fock and Perey-Buck non-local potentials, comparison 2—18201
  Rb, photoionization cross section and spin orientation of ejected electrons, relativistic calculations 2—31677
  ^{32}S, predictions for static and dynamic properties 2—11734
  ^{32}S structure calc. comparison with results using Strutinsky's theory of renormalization 2—24129
  ^{28}Si, predictions for static and dynamic properties 2—11734

Hearing
  see also Ear; Speech
  acoustic noise effect, meas. 2—37769
  acoustic reflex, effect on temporary threshold shift 2—11215
  audiometry, modern aspects, objective recordings 2—2016
  auditory adaptation, relationship to model for loudness 2—23172
  binarual perception of broadband noise, image size and localization 2—37491
  binaural masking level difference at h.f. for short tone bursts 2—33800
  binaural masking level differences, correlation model 2—11212
  binaural masking of tone by interaurally delayed noises 2—37492
  binaural summation of differently correlated noises 2—41319
  binaural tone stimuli detection, different response criteria 2—23170
  cats, middle ear pressure changes during NO anesthesia 2—37503
  central masking in auditory dysfunction 2—37487
  children's perceptual errors of consonants, two dimensional configuration using Euclidean 2—23177
  cochlear filtering, computer simulation 2—37462
  cochlear microphonic sensitivity, connection with behavioural threshold in cats 2—11218
  cochlear nerve fibres, freq. response and effective bandwidths 2—37506
  combination tones origin 2—37481
  concert auditoria, subjective acoustic experience, results of questionnaire 2—17401
  conservation, permissible noise criteria 2—37496
  critical bands, analogy with visual perception 2—33815
  damage, hazards rel. to intensity meas. and ear protection methods 2—7609
  deaf children, speech envelope cues as aid to lipreading 2—37468
  dichotic listening, single channel theory 2—41318
  digital computer applics. in research 2—23353
  disorder diagnosis, impedance bridge performance 2—33805
  dog, temporal integration after ablation of cortical auditory areas and midbrain centres 2—37505
  dural recordings of evoked responses in guinea pigs 2—23181
  duration discrimination of noise and tone bursts 2—37467
  evoked responses during first year of life 2—41316
  fluid mechanics in theory, review 2—20748
  frequency discrimination and masking level difference 2—37469
  frequency transition detection and discrimination 2—37489
  fresh water dolphin, auditory thresholds 2—23179
  grating acuity, freq. resolving power meas. 2—37463
  human, binaural lateralization of a.m. tone 2—26971
  human, study of neural mechanism of analysing complex sounds 2—26970
  human auditory system, electronic model for study of speech sound information processing 2—26969
  human exposed to noise, auditory fatigue 2—17126
  identification of place of consonant articulation from vowel formant transitions 2—23175
  identification of stops and vowels for burst portion of /p,t,k/ isolated from conversational speech 2—37477
  impulse noise exposure, temporary threshold shifts rel. to hearing protection 2—37483
  impulse noise meas. and temporary threshold shifts, tape recording limitations 2—37484
  information analysis of choice behaviour 2—37478
  inner ear freq. selectivity, tectorial membrane size influence 2—33806
  intensity discrimination of pulsed sinusoids, effects of filtered noise 2—37473
  intensity perception, resolution in one- interval paradigms 2—23159
  intensity perception, resolution in small range identification 2—23164
  intensity perception and discrimination, loudness scale divergences 2—37495
  intensity-discrimination tests on perception of profoundly deaf people 2—33797
  just noticeable differences for segment duration in natural speech 2—37474
  killer whale, auditory thresholds 2—23178
  lateral inhibition contrib. to freq. selectivity 2—37488
  lateralization and detection, differences of interaural phase and level of 250 Hz 2—11211
  lateralization of filtered clicks 2—11214
  loss, temporary, induced by noise and vibration 2—37471
  loss assessment using noise dosemeter 2—37771
  loudness, influence of rise time and meaning of sound spectrum 2—37470
  loudness impression changes in presence of prolonged noise 2—37497
  loudness paradoxes, subjective variation 2—37499
  masking, forward and backing, discrete perceptual- moment hypothesis 2—11213
  masking, Mach bands 2—23165
  masking patterns, monaural and binaural for 1f tone 2—23162
  minimal auditory intensity differential stimulus device, electrical specifications and circuitry 2—33793
  missing fundamental and periodicity detection 2—23171
  monkey, differential effects of cortical lesions on auditory discrimination 2—37507
  musical interval recognition, central origin of pitch of complex tones 2—23161
  musical sound loudness, difference limen 2—33798
  neural network model for residue pitch perception 2—33802
  noise acceptability level, effect of duration on obs. 2—20943
  noise audiometry 2—14044
  noise level perception, det. by Mark VII and decibels 2—23166
  objective audimetry, recording of averaged cochlear action pots. 2—37482
  octave interval perception 2—37493
  partial masking, freq. separation depend. 2—33804
  perception of temporal phenomena in speech 2—37475
  perception of voicing characteristics of word final consonants, preceding vowel duration as cue 2—41317
  percussiveness, quantitative definition 2—41320

Hearing continued
  perstimulatory loudness adaptation, effect of binaural interaction on obs. 2—23167
  perstimulatory loudness adaptation, monaural, intensity frequency and duration effects on obs. 2—23168
  physiological noise under supra-aural earcap, missing 6 dB effect 2—20378
  physiological responses to acoustical stimuli 2—34156
  pitch depend. on initial phase, short tone pulse obs. 2—33801
  pitch discrimination in threshold vicinity 2—33803
  pitch perception, model based on weighted autocorrel. 2—30693
  pitch shifts of harmonics, octave enlargement phenomenon 2—37494
  psychometric study of annoyance values of complex sounds 2—17395
  rank ordering procedure for auditory stimuli 2—37480
  rat, neuron responses to time varying acoustic stimuli 2—37504
  real ear attenuation of external sound by earphones, comparison of objective and threshold shift meas. methods 2—23176
  recognition of speech sounds, effect of interaural switching 2—37476
  recognition of synthetic vowels, durations as cue 2—23174
  room acoustics, subjective evaluation 2—23389
  sonic booms, animal responses 2—37500
  sonic booms, behavioural awakening study 2—7591
  sonic booms, effect of exposure of humans 2—37466
  sonic booms, human response, in laboratory and community 2—37465
  speech depend., alterations in S/N ratio, timing and sidetone spectrum 2—30680
  suprathreshold binaural unmasking 2—23169
  temporal resolution of tonal pulses, effects of pulse duration and frequency disparity 2—23173
  temporary threshold shift and recovery patterns from rock and roll music 2—37472
  temporary threshold shift from exposure to different noise spectra at equal dBA level 2—23160
  threshold, model for negative TTS 2—37490
  threshold meas. on normal and abnormal ears using two interval forced-choice procedure 2—37485
  threshold of hearing, new measurements, construction of dummy head 2—37479
  threshold of tone with binaural masking by two independent noises with interaural delay 2—7610
  time-intensity trading ratio, preceding sound effects 2—33796
  toadfish, threshold to tonal stimuli obs. 2—37502
  tone loudness perception paradox 2—37498
  tonepulse pitch appreciation 2—33799
  transfer channel models, critique 2—37486
  transient sounds, human response versus meter reading 2—2040
  two channel signal detection, simultaneous, binaural stimuli 2—23163
  vowels, component loudnesses in recognition, individual spectral components 2—30682

Heat
  see also Radiation/heat; Thermodynamics
  instruments for thermophysical investigations 2—11367
  teaching of the concept 2—37549
  thermoelectric pump, patent 2—5314

Heat capacity *see Specific heat*

Heat conduction
  see also Conductivity, thermal
  ballistic heat pulse, phonon freq. distrib., mag. reson. obs. 2—13027
  boundary value problems in region with moving boundary 2—189
  circular hollow cylinder, boundary conditions 2—37819
  computer programme 2—37818
  contacting surfaces, thermal contact conductance, nomograms 2—17428
  cooling bodies, heat-conduction capacity and optimization of radiating elements on surface 2—11376
  cylinders, solid and hollow, with const. rate of ablation at ends, boundary value problem 2—5276
  diffusion from disjoint plane domains, case of arrays of domains and applic. to response of muscle to drug 2—2151
  diffusion from disjoint plane domains, interaction of two domains 2—2182
  equation, parabolic, hyperbolic and discrete formulation 2—23400
  ferromagnetic metal, mechanism 2—13056
  finite element soln. 2—37722
  finite hollow cylinders containing heat sources sol. of conduction equation 2—37816
  finite solid cylinder containing last sources, temp. distribution 2—37815
  Fourier theory, Newton's Law, heat and mass transfer 2—34210
  insulation materials, transmission factor meas., cryogenic temp. 2—17433
  inverse problem for asymmetric cooling of slab with sources 2—11377
  ionic lattice, pulse propag. velocities 2—32851
  laser materials, heat conduction rel. to inclusions 2—23607
  laser materials, heat diffusion near absorbing centres 2—23608
  lunar soil, rel. to terrestrial analogs 2—33725
  in magnetoplasma, effect on wave propagation near resonances 2—15459
  metal, deform. by cold working, reduction of latent energy in heat cond. equation 2—39883
  Moon, calculation for model surface 2—4952
  inmulticonnected composite regions with radiative boundary conditions 2—14285
  nonhomogeneous media, phenomenological definition of mean cond. 2—20957
  nonlinear, in rarefied gases confined between concentric cylinder and spheres 2—30893
  nonstationary, surface temp. det. from interior temp. 2—5275
  nuclear reactors, linear boundary problem solved by method of orthogonal projection in Hilbert space 2—14286
  one-dimensional geometries, nonuniform heat generation, equal surface temps., max. internal temp. 2—17423
  piezotropic medium, temperature perturbation, Cauchy's problem 2—930
  planar medium nongray, heat transfer interaction by cond. and radiation 2—17418
  plasma, conductivity mechanism for laser heating in case of spherical and cylindrical waves 2—39162
  radial, in laser heating of material slabs 2—14284
  radiative heat transfer in non-grey medium, interaction of radiation with conduction 2—5268
  rectangular plate in excavation in elastic foundation 2—37813
  semi-infinite-finite solid, linear heat flow, soln. by Heaviside's operational method 2—2277
  semicylinder, reduction of elliptic integral boundary problems to mixed problems 2—30754

Heat conduction continued
shape factors, rel. to isothermal fin arrangements 2—34213
solar chromosphere coupling 2—23133
solidification of semi-transparent materials, effect of radiative heat transfer 2—6282
stationary problem solved by R-function methods combined with variational methods 2—37814
steady, with mixed boundary conditions, complementary variational principles 2—20958
steady state, for irregularly shaped boundaries, analytical soln. 2—17424
Stephan type problems, solution for multi-phase systems with changing phase volumes 2—7780
surface temperature, evaluation of specific heat flows 2—27328
thermoelastic waves in solids with thermal relaxation 2—27215
thin shell, asymptotic fundamental solution of reduced wave equation on surface 2—30894
thin-walled bodies of revolution with curvilinear anisotropy 2—27318
total emissivity calc. 2—37795
transient, quasilinear problems, with substantial nonlinearities, small-parameter method 2—27319
transient conduction in slab with radiation, perturbation type analysis 2—5274
turbulent media, wave mechanics theory 2—17437
vertical bed of porous insulation, effect of free convection on conduction 2—34201
TlS, Tl_2S, liq. and solid, thermal cond., heat transport mechanism 2—19468

Heat exchange *see Heat transfer*

Heat flow *see Convection; Heat conduction; Heat transfer*

Heat losses *see Heat transfer*

Heat measurement *see Calorimeters; Calorimetry*

Heat of adsorption
benzene, on C black, rel. to surface coverage 2—35907
ethanol, on C black, rel. to surface coverage 2—35907
ethylene layers, prefrozen, of Ar 2—22088
glass, adsorbed water layer, adsorpt. of Ar 2—35913
glass, Vycor, porous, adsorpt. of O_2, 77K 2—35912
Graphon, of CO_2, coverage depend. 2—22084
Graphon of n-alkane mixtures, heat of immersion, calorimetry 2—35909
metal/ionic monolayer, neutral mixed layers and surface reconstruction 2—29068
molecules adsorbed on homogeneous surface 2—35902
stainless steel, of Ar, Kr, N_2 and methane calc. of isosteric heats of adsorption 2—32390
zeolite Y, of Ar, N_2, CO, CO_2, ethene and ethane 2—35927
Cu(100), of CO, isosteric heat of adsorption 2—25225
Li halide films, adsorption of NO 2—15677
$MgSiO_3$, of Ar and pyridine rel. to hydrothermal treatment 2—3562
Ni(100), of CO, isosteric heat of adsorption 2—25227
W isosteric heat of adsorption of H, improved determ. 2—6376

Heat of combustion
No entries

Heat of crystallization *see Crystallization*

Heat of dissociation
$2AsI_2 \rightleftharpoons 2AsI + I_2$, 530-880°C, calc. 2—28934
$EuO_{(g)}$, on vaporization of Eu_2O_3 in presence of W 2—28967
Ga_2S_3, 1129-1304 K 2—30047
U_2N_3, equilib. N_2 press., thermodynamic props. 2—7164

Heat of formation
transition metal carbides, carbides, stability, model 2—9330
Ag-Ga system, binary cpds. 2—39934
Al-Au intermetallic compounds 2—25591
Al-Zn solid solution, activity meas., thermodynamic props. 2—4059
Au-Ga system, binary cpds. 2—39934
BP, measurement 2—31777
$CeCo_5$-H, hydride form. 2—32774
Cu-Ga system, binary cpds. 2—39934
Cu-Ge, enthalpies of formation of ζ and ε, phases 2—22341
$EuO_{(g)}$, on vaporization of Eu_2O_3 in presence of W 2—28967
$LaCo_5$-H, hydride form. 2—32774
NO_3, determ. from photoionization and thermodynamic data of methyl and ethyl nitrate 2—12224
Na_2O, calculated from enthalpy of reaction of hydrolysis 2—37031
SO, in photodissociation of $OSCl_2$ in vacuum u.v. 2—33385
UN, 298.15K, calc. 2—40796
Zn-Sn-Cd-Bi, liquid solutions, thermodynamic props. 2—3382

Heat of fusion
refractory metals, obs. at high current densities 2—28943
zeolite, synthetic, of absorbed water, sp. ht. vs. temp. 2—19424
AuGa and $AuGa_2$, calorimetric obs. 2—28838
Bi, DTA obs. 2—28939
Co, liquid, determ. by levitation calorimetry 2—21979
CuP_2, calc. 2—30046
In, DTA OBS. 2—28939
InI, calc. from high temp. spectroscopy and tensimetry meas. 2—28944
Mo, calc. from enthalpy meas. 2—35819
Pb, DTA obs. 2—28939
Pd, liquid, determ. by levitation calorimetry 2—21979
Sb, DTA obs. 2—28939
Sn, DTA obs. 2—28939
Tl, DTA obs. 2—28939
V, determ. using induction heating 2—28940

Heat of mixing *see Heat of solution*

Heat of reaction
metal compounds, spectrophotometric det. 2—12197
tohdite, dehydration 2—16033
$2AsI_3 + As \rightleftharpoons 3AsI_2$, 300-360°C, calc. 2—28934
O_2, dissolution in Cu-Ni, Cu-Co, Cu-Fe, enthalpies of reaction meas. 2—3956

Heat of solution
alkali halide-alkaline earth halide fused systems 2—30074
Ag-Cu, liq. binary, heats of mixing, mass spectrometric intensity ratio method determ., 1000-1250°C 2—18814
Ag-Ge, enthalpies of mixing in solid state 2—22341
AgBr-NaBr solid solutions, enthalpy of mixing from miscibility gap meas. 2—22417
AgCl-NaCl solid solutions, enthalpy of mixing from miscibility gap meas. 2—22417

Heat of solution continued
Ar in liquid Na 2—6213
Au-Ga liquid alloys, 830 and 1030K 2—28838
Au-Ge, enthalpies of mixing in liquid state 2—22341
Cu-Ge, enthalpies of mixing in liquid state 2—22341
He in liquid Na 2—6213
In-Ga system, rel. to phase diagram 2—15984
In-Sn alloy, enthalpy of mixing anomalies due to Brillouin zone effects 2—22342
Pb, correl with impurity solid-solubility 2—3964

Heat of sublimation
Cd, microcalorimetric determ. 2—25158
Co, mass spectrometric obs. 2—36351
Cu, mass spectrometric obs. 2—36351
Fe, mass spectrometric obs. 2—36351
Ni, mass spectrometric obs. 2—36351
Ti, mass spectrometric obs. 2—36351
V, mass spectrometric obs. 2—36351

Heat of transformation
differential calorimeter accurate meas. 2—11384
dinaphtho[2,1-2′,3′]furan-8,13-dione, polymorphism, fluorescence with absorpt. spectra 2—25356
mesomorphic, effect of mol. struct. changes 2—9090
water adsorbed on silica 2—25233
$BaTiO_3$, ferroelectric-paraelectric phase transition, press. depend. 2—13319
Ge, enthalpy of transformation from stable modification to f.c.c. structure rel. to solid phase stability 2—22341
SiO_2, tridymite, phase transition shift and stacking disorder 2—9824
$Tl(\alpha) \rightarrow Tl(\beta)$ 2—28939

Heat of vaporization
bubbles in magnetic liquid, effect of magnetic field 2—1062
tetrathyllead, vapour state chem. thermodynamic, props. 2—24553
thermophysical properties of fluids 2—18813
Ag, spectroscopic determ. of evap. heats 2—28960
CdS, determ. by torsion-effusion method 2—28966
Cu-Zn, and activity of Zn, determ. 2—16031
Cu-Zn heat of evaporation and activity of Zn determ. 2—16031
InI, calc. from high temp. spectroscopy and tensimetry meas. 2—28944
Na_2SO_4, study by transpiration method 2—28961
Pb, spectroscopic determ. of evap. heats 2—28960
UN, rel. to enthalpy of formation calc. 2—40796
ZnO crystal, vaporization kinetics of opposite basal faces, temp. depend. 2—35841

Heat of wetting *see Wetting*

Heat pumps *see Heat transfer*

Heat radiation *see Radiation/heat*

Heat transfer
see also Convection; Heat conduction; Radiation/heat; Radiative transfer
abnormal convective, in critical region, heated wire diameter effect 2—34208
absorbing, emitting and scattering fluid near three dimensional stagnation point 2—21908
advection and diffusion balance in interior of subtropical ocean 2—13649
advection and heat storage in North Pacific Ocean 2—1800
aerodynamic, in resonant cavities at subsonic and supersonic Mach numbers 2—32175
in air, effect of thermal radiation on natural convection boundary layer 2—27321
air jet, hot, turbulent, impinging normally on flat plate 2—3298
to air streams from a sphere at sub-critical Reynolds numbers 2—28739
air-water interface, and mass transfer 2—24632
air-water moving interface 2—21752
analogy for fully developed turbulent flow of power law fluids in circular tubes 2—24598
analysis by collection of variables in dimensionless groups 2—27315
anisotropic material, heating by bulk heat source 2—9884
in Ar, effect of thermal radiation on natural convection boundary layer27321 2—27321
in arc, moving, high current, mechanism near cathode 2—6123
arc constrictor, heat transfer distribution on variable cross sectional area 2—35502
atmosphere and water surface, turbulent 2—7255
augemented flames and plasma jets, based on magnetically rotated arcs 2—2273
axial flow electric arc, subject to pressure gradient, rel. to steady state characteristics 2—21893
in axisymmetric boundary layer over a circular cylinder, additional data for calculation 2—20954
baroclinic planetary boundary layer, parametrization of turbulent fluxes of heat at ground 2—37123
bibliography, international books and papers of 1970, 1971 2—5269
bibliography 2—30890
bibliography of Japanese works in 1970 and 1971 2—5270
bibliography of unclassified reports issued by AERE 2—5273
binary alloys, processes in systems with mobile phase boundaries 2—6613
boiling, sub-cooled liquids with forced convection 2—28958
boiling front propagation in porous medium 2—35705
boiling laminar liquid films on porous vertical wall, effects of suction velocity 2—3448
boiling liquid in flux from heating wall near nucleation site 2—35832
boundary layer, horiz., effect of buoyancy 2—24589
boundary layer, thermal, surface heat transfer, temp. distrib. numerical results 2—18567
bubble growth in nucleate boiling, conductive and convective controls 2—25152
bubble/sub-cooled liquid stream system, rel. to injected bubble condensation 2—24998
during burning in turbulent boundary layer on porous surface 2—27317
CANDU power reactor programme 2—11896
cathode sputtering in glow discharge 2—35611
circular tube with non-uniform heat flux around the circumference, forced convection heat transfer 2—30889
coatings, thin-layer, thermophysical characteristics, complex det. 2—11374
composite, with thermal radiation in non-grey medium, interaction of radiation with conduction 2—5268
compressible, calculation of boundary layer development 2—188

Heat transfer continued
compressible boundary layer flow past a swept wavy wall with heat transfer and ablation 2—28708
compressible turbulent boundary-layer, to rough surfaces 2—28690
condensation of low pressure steam flowing through tube banks, determ. heat transfer coefficients 2—22041
conference, Manchester, England, Sept. (1971) 2—34229
convection, natural, combined with forced air flow through rectangular openings 2—34212
convective, unsteady conjugate problem for uniform flow over solid body of quarter-space shape 2—37809
convective coeff. det. of azimuthal dependence using split film anemometer probe in low Reynolds no. flow 2—21756
convective flow problems with axial diffusion, integral method 2—35401
to coolants at high pressures 2—41370
cooled vertical pipe, free convection, flow, analysis 2—3163
critical heat flux in two-phase flow (vapour- injected Freon) 2—24997
critical heat flux in uniformly heated annuli, fluid modelling 2—24996
critical heat flux scaling in water from CHF data for Freon 11 flow 2—25003
crystal growth, Czochralski method, crystn. front, effects of heat exchange 2—9362
crystal growth, pressure pulling systems 2—18972
cylinders to air, in cross flow for Reynolds numbers from 10^{-2} to 2×10^5, continuous correlation equation 2—30891
Cytherian atmosphere, numerical modelling 2—26857
deposit formation on heating surfaces, nonisothermal gas flow with suspended solid particles 2—12585
diatomic gas bounded by two plane parallel surfaces, kinetic model 2—9026
dielectrophoretic effects in laminar forced convection between two parallel plates 2—3162
dilution refrigerator heat exchanger, optimum design 2—30725
dissipation from radioactive materials during transport 2—18267
distribution following turbulent boundary-layer shock interaction with and without injection 2—28710
dryout obs., combined photographic film thickness and temp. technique 2—24275
effect on electric arc motion in a transverse magnetic field 2—6124
electrolytic cell, internal cooling, gas evolution 2—1742
electromagnet wire coating dissipation factor 2—5323
environmental and geophysical heat transfer, conference (Washington 1971) 2—22919
evaporating droplet, effect of mass transfer 2—34200
exchanger, parallel flow, determination of coefficients by frequency response analysis 2—182
exchangers for dilution refrigerator using Cu foil perforated by sewing machine 2—26992
explosions, heat and fluid motion in field of gravitational forces, numerical solution 2—27298
film condensation with pressure gradients for gases of small Prandtl number 2—39428
film theory in simultaneous heat and materials transfer, application to psychrometry 2—5272
flame to solid boundary during conbustion 2—7778
flat multilayer walls, analytical approx. methods for non-steady state problems 2—11372
across flat wall, transient thermic response 2—2274
flow, into semi-infinite body with surface temp. non-integer power of time 2—23399
flow, laminar, in rot. enclosure with axial throughflow, Navier-Stokes eqns. 2—18569
flow, measurement by Nernst effect in InSb-NiSb eutectic 2—37810
flow, turbulent, in smooth tubes, Reynolds analogy 2—18735
flow, turbulent, steady, in circular pipe downstream from sudden enlargement 2—35432
in flow, wedge shaped body base to separated flow region 2—18759
flow along convergent-divergent nozzle, meas. 2—18760
flow in cylindrical pipes, characteristics 2—24609
flow in region interlaced with cylinders and conductivity of wool 2—7776
flow past fine wires, laws 2—17416
flow through in-line tube bank, surface roughness effect 2—3173
fluctuating flow of a gas near a stagnation point on a hot wall, calc. of heat transfer rate 2—35655
in fluid, effects of convection flows resulting from combined buoyancy effects of thermal and mass diffusion 2—6027
fluid, laminar free-convection from a needle 2—12343
in fluid, viscous incompressible due to motion of gradually accelerated plate 2—23397
fluid around two cylinders in cross flow, exptl. investigation 2—21739
fluid flow bounded by coaxial circular pipes, temp. distribution through curved pipe 2—37808
fluid flowing through packed bed and wall, one and two dimensional models 2—39038
fluid-solid dilute system, similarity variable test 2—25121
fluidized beds, model 2—39034
fluidized beds, multistage, conformity of flow 2—35400
in fluids, viscous from floating heat sources 2—5264
fluids at supercritical pressure in curvilinear channels 2—186
fluids in direct contact, mass and heat transfer 2—35387
flux models, unidirectional and tridirectional 2—23396
forced convection, parallel flow through roughened rod cluster 2—31627
forced convective, with secondary flow, Prandtl no. effect 2—8881
free convection, laminar, from vertical thin needles 2—30896
free convection, non-Newtonian pseudoplastic fluids from a vertical plate 2—37812
free convection from isothermal spheres in water, exptl. investigation over wide range of Rayleigh number 2—20953
free convective film boiling heat transfer from horizontal cylinder 2—35833
free-stream turbulence effects of local heat transfer from a sphere 2—39245
Freon 12, saturated and superheated, film condensation 2—25000
Freon (R-113), supercooled, vapour injection effect on crit. ht. flux, flow at high pressure 2—24997
Freon-11, critical heat flux data for scaling CHF in water 2—25003
fully developed turbulent flow between parallel plates, entrance region 2—12322
fusion reactor heat conversion cycles 2—24273
gas, nonequilibrium dissociating, turbulent flow in circular tube 2—12485

Heat transfer continued
gas, temp. depend. props., internal laminar heat transfer 2—18761
gases, thermodynamics and heat exchange, general eqn. derivation 2—6155
gassed liquids, coefficients at heating and cooling surfaces 2—39357
glass, semi-transparent filament, radiative transfer through axially symmetric boundary layer 2—6685
global heat flow in crust and mantle 2—22920
global study, investigation of changes caused by industry 2—4663
graphite cryst., basal plane thermal cond., contrib. of phonons to heat transfer 2—19449
graphite-ceramic contact junction at pressures of 5.10^5 to 200.10^5 N/m^2 and temps. of 583 to 873K 2—29565
gun barrel, unsteady transfer analysis 2—17420
heat cond. theory of Fourier, Newton's Law 2—34210
heat sinks, diamond/metal contact behaviour 2—15950
horizontal cylinder, convective transfer, swaying plume phenomena 2—5277
horizontal plate to elastico-viscous liquid in free convection flow 2—9053
idffusion, buoyancy effect causing natural convection flows adjacent to horizontal surfaces 2—21738
in-line flow through unbaffled rod bundles, turbulent flow heat transfer 2—185
incompressible fluid, 2-dimensional turbulent boundary layer, asymptotic theory 2—18550
incompressible fluid, 2nd order boundary layer, self- similar solns. 2—12323
isothermal sphere in moving fluid, effect of curvature 2—39029
laminar, in tubes with step change in cross section 2—21753
laminar filmwise condensation of flowing vapour on horizontal cylinder, determ. average coefficients 2—22040
laminar filmwise condensation on a vertical surface, determ. average coefficients 2—22039
laminar flow in circular tube, heat transfer and drag, gas with variable properties 2—28694
laminar plant jet of liquid, steam condensation 2—28953
in laminar tube flow, mutually dependent heat and mass transfer 2—3299
liqid, films, falling, with surface-active agents 2—1069
liquid, during filtration flow through porous material 2—35422
liquid containing gas bubbles, weak shock waves, heat transfer effects 2—25016
liquid explosives, mechanism during detonation 2—27301
in liquid fluidiser beds with concentric heaters 2—2275
liquid metals, in-line flow through tube bundles at constant and exponential heat flux distribution, rel. to reactor cooling 2—38723
liquid to wall transfer in fluidized beds, extension of Ranz model 2—28832
liquid-gas spray flows, amplification process 2—32215
liquid-vapour flow 2—28453
liquids, boiling, from multiple spines 2—3446
liquids, viscous flow in U tubes 2—187
in low Reynolds number flow, conference (Washington D.C., November 1971) 2—21751
mass transfer analogous behaviour 2—35431
measurement by holographic interferometer method 2—17417
melting flat surface, under conditions of forced convection and laminar boundary layer 2—1137
metal vapours at low pressure, condensation 2—35830
metal-ceramic contact junction at pressures of 5.10^5 to 200.10^5 N/m^2 and temps. of 583 to 873K 2—29565
metal-graphite contact junction at pressures of 5.10^5 to 200.10^5 N/m^2 and temps. of 583 to 873K 2—29565
methanol, film boiling on vertical surfaces 2—32312
MHD boundary-layer flow at high Prandtl number, aligned field on flat plate 2—39084
MHD channel flow, effect of external circuit 2—3185
modes in saturated porous medium with liquid flowing through it 2—21934
multi-channel parallel-and-mixed-flow heat exchangers, steady state lumped linear formulation of heat transfer 2—34205
multiregional analysis of temp. fields in finite rod bundles cooled by liquid metals 2—15166
natural convection, to liqs. from vertical rough surface 2—5271
non-symmetric turbulent diffusion in plain tube, effect of tangential eddy diffusivity 2—35402
noncircular ducts, forced convection with dissipation function and compression work 2—7775
nonlinear, during drying of porous medium, extended variational formulation 2—183
North Atlantic thermocline, two-layer model 2—30244
nuclear fuel rod, slug flow through closely packed bundles multiregion analysis of effect of rod displacements 2—28140
nuclear fuel rod assemblies, finite, theoretical predictions 2—38697
nuclear reactor fuel elements, temperature and stress distributions 2—21464
nuclear reactors, high temp. gas cooled 2—525
nuclear reactors, post burst accident models 2—15092
nucleate boiling, correlating equation 2—35836
nucleate boiling, mechanism, interferometric obs. 2—25153
nucleate boiling heat transfer, mechanism 2—34207
nucleate pool boiling improved 'three-component' theory 2—32311
observation and prediction for heat eqn. 2—34206
ocean circulation models, surface boundary conditions 2—30240
ocean to atmosphere, available potential energy 2—26491
packed beds, correlation of data using asymptotic relations 2—3157
parallel and tapered passages, forced convection heat flux boundary condition 2—34203
parallel plate, in polyatomic gas, kinetic theory 2—24979
pipelines, hoh pressure, induction heat treatment 2—29385
pipes, performance, lifetests and startup 2—30892
plane Poiseuille flow, finite amplitude convection with longitudinal vortices, effect of uniform axial temp. gradient 2—39048
plasma collisional drift waves, effects of heat transport 2—21844
plastic, water containing, heat shielding props. 2—36262
plate in gas flow, conjugated unsteady-state transfer 2—17421
plate with arbitrary inclination, natural convection 2—34202
pool boiling, gas volumetric technique for measurement of coefficient 2—6288
porous heat source, transpiration cooling 2—2270
porous media, 3-dimensional transient convection 2—11379
porous media, fluid flow, two-dimensional analysis 2—21757
porous medium with phase change 2—11375

Heat transfer continued
power reactor fuel element, dynamic temperature distribution 2—15165
radiation, directional, gas-dust mixtures, calc. 2—27313
radiative, asymptotic solution for viscous, absorbing and emitting shock layer 2—21729
radiative, boundary layer of transparent gas 2—39277
radiative, effect on solidification rate and temperature distrib. in solid phase of semi-transparent materials 2—6282
radiative, semiinfinite space, temperature waves 2—27316
radiative-conductive, in medium with selective optical properties 2—11373
rarefied gas, between infinite parallel plates 2—39276
rarefied gas flow, discrete ordinate method 2—9016
rarefied gases, Monte Carlo solutions of nonlinear Boltzmann equations 2—1035
rarefied gases, third order constitutive eqns. of mass, heat and momentum transport 2—28729
rates, from curved wall in laminar free convection of Newtonian fluid 2—35428
in recirculating wakes in fluids, solutions of energy equation for forced convection studied 2—6032
in rectangular cavity with heated projection in lower part 2—6024
review of 1970 literature 2—5266
review of problems in the Seventies, area of application and type of mechanism 2—5267
ribbed surface, conductivity effects 2—184
Rivlin-Ericksen fluid, between two infinite parallel discs, one rotating, other stationary 2—39051
roughness effects, in supersonic region of conical nozzle 2—18741
saturated pool boiling in nonuniform d.c. electric fields 2—28956
scaling to dilute polymeric solutions 2—3384
semiporous channels, mixture of gases flowing with injection at one wall, application to freeze-drying 2—30887
separated flow generated by transverse rectangular notch in flat plate 2—6132
simultaneous heat and mass transfer by free convection about vertical flat plate 2—30885
Sparrow and Koopman's method for variable conductivity, linearization 2—37811
from sphere in laminar flow, approximate solution 2—30886
spheres, gravitationally induced acceleration in creeping flow, heat transfer analogy 2—24600
spheroids, convective coeff. 2—27322
spheroids in steady axisymmetric flow, numerical soln. 2—31924
steady convective overturning in shear, propagation and transfer properties 2—39065
steam, annular flow, shear dominated, local condensing coeffs. 2—1147
steam water heater, exchanger tubes, temp. meas. by thermocouples 2—23403
steam-water annular dispersed upward flow 2—1042
steam-water mixture in sixteen rod bundle, heat transfer crisis data 2—31626
steel ingot solidification, math. study, finite element method 2—32307
stirring effect of bubbles 2—34209
superconducting magnets, coil cooling channels, heat flow analysis 2—37885
superfluid, breakdown, limiting temp. gradients in vertical channels 2—25132
supersonic turbulent flow, theoretical distributions downstream of a backstep 2—39247
suspension flow, mag. field effect on heat exchange 2—39399
suspensions, air-solids, turbulent flow, heat transfer 2—28902
temperature distribution in solids with anisotropic non-constant thermal conductivity, functional solution 2—2276
test burner for producing thermal shock transients in ceramic specimens 2—27342
thermal bowing of single rods at different axial positions 2—4071
thermal energy transport, bond graphs for 2—7765
thermal radiation at planetary entry velocities 2—35664
transient in fully developed laminar tube flow 2—21737
transport equations in transfer coordinates 2—7722
tubes, helically coiled, secondary fluid motion 2—910
tubes with repeated-rib roughness, heat transfer and friction correlations 2—12324
turbulent, meas. on blunt cone at various angles of attack 2—24966
turbulent boundary layer flow 2—31903
turbulent boundary layer on a porous plate, heat transfer with uniform blowing and suction 2—39068
in turbulent boundary layers 2—39246
turbulent cylindrical wall jets, predictions 2—25023
turbulent temperature boundary layers with constant wall temperature, momentum transfer 2—35707
turbulent transfer mechanisms in atmospheric surface layer 2—40927
two dimensional transient heat flow problems, solution by electrical analogue technique 2—7777
two-dimensional bodies with constant heat flux, external natural convection 2—20960
two-phase flow in hot channel influence of heat transfer characteristics on flow stability 2—39033
two-phase flow oscillation in hot channel 2—35408
two-phase one-component media, effect on sound speed 2—11355
vapours condensing on vertical surface, calc. including effects of noncondensable gas and forced flow 2—22042
vertical bed of porous insulation, effect of free convection on conduction 2—34201
visco-elastic fluid, MHD flow, effect of magnetic field 2—6055
by viscous flow, between two coaxial cylinders 2—2271
viscous flow in curved circular tubes 2—34204
viscous flow through pipe, heat effects 2—924
water, critical heat flux scaling from CHF data for Freon 11 flow 2—25003
water, flowing through tube with and without boiling, forced convection at elevated flux 2—34199
water, in tube flow at supercritical pressure 2—6169
water, plane Poiseuille flow, effect on stability 2—18777
water drops in calculations of highly loaded injection coolers 2—39275
water-steam, out-of-pile subchannel meas. in nine-rod bundle for water at 1000 PSIA 2—25002
wet sand during freezing, temperature and water content profiles 2—20956
Ar, arc cascade type, anode heat flux 2—28679

Heat transfer continued
Ar, partially ionized, in separation reattachment and redevelopment regions downstream of an abrupt circular channel expansion 2—39249
Cu, wire thermal feedthrough, construction for use at low temps. 2—30718
H_2O, boiling curve meas., heat transfer process, nucleate, transition, film boiling regions 2—18886
H_2O, film, laminar and turbulent flow along vertical tube, heat transfer coeff. of evap. 2—18883
H_2O evaporation and condensation in enclosure in presence of noncondensable gas 2—22043
He, boiling liquid in open pools and channels, dependence on orientation of heated surface and channel dimensions 2—6269
He, liquid, nucleate boiling, hysteresis in heat transfer 2—3422
in NH_3, effect of thermal radiation on natural convection boundary layer 2—27321
N_2O_4 condensation, in second stage of dissociation 2—6284
Na-Ar, liquid two-phase flow in vertical channel, coefficients 2—21932
Na-K eutectic alloy, critical heat flow during boiling in conditions of free convection 2—28954
Na_2CO_3 dilute solution, determ. heat transfer rate from electrically heated thin Pt wire under influence of electrolytic currents 2—21981
NaOH dilute solution, determ. heat transfer rate from electrically heated thin Pt. wire under influence of electrolytic currents 2—21981

Heat treatment
see also Annealing
aluminosilicate rod, quenching, strength rel. to thermal shock 2—3887
apatite, hydrothermal treatment, i.r. spectral investigation of structural changes 2—39635
boiler tubes, cold-rolled and hardened, e.m. inspection of microstructure and mechanical, electrical and magnetic properties 2—3934
butt joints in rolled angle iron, stabilization of impact strength 2—3889
ceramic, plasmic coating, thermal stability 2—1373
ceramic crystal, press forging, recrystallization, fracture 2—36249
cermet, prep. by alumothermal reduction 2—39948
drying processes as thermodynamic transport phenomena, irreversible processes 2—37790
glasses with small amounts of K_2CO_3 thermal treatment leading to polymorphism 2—28973
halophosphate phosphors-glass interaction, binder burning-out, effect of Mn 2—29965
hot workability, torsion testing study 2—39861
metal, quench hardening, vacancies, book 2—12930
metal, recrystallization in emission electron microscope 2—39882
metal, secondary recrystallization, hot working 2—15903
metal component fatigue failure and fracture 2—32627
metal fibre, porous, pressing and sintering, deformation, residual stress relaxation 2—29257
metals secondary defects, quenching, nucleation, growth, annihilation 2—3766
polyethylene, hot stretched, recrystallization, x-ray small angle scatt. 2—15893
powder, compaction and flow under constant press. 2—39957
pyrographite, effect of increasing temp. on resistivity and thermal conductivity 2—40089
quenching, liquisol, apparatus for producing thin flat specimens from metal and alloys 2—3930
rapid quenching apparatus for small specimens 2—23186
ratchetting, in nuclear reactions, design criteria from high temp. material properties 2—15110
steel, 1X12VNMO, effect of thermomechanical working on cavitation resistance 2—6597
steel, maraging, rel. to microstruct. crack propagation 2—9710
steel welds, short cycle fatigue 2—3895
stripping of materials from substances of different thermal properties by laser beams 2—39884
thermomechanical, steels, modelling 2—22275
Ag, recrystallization, role of impurities, internal friction meas. 2—9736
Al, 99.5% pure, solute redistrib. during grain boundary migration 2—36229
Al, Mn-vacancy interactions obs. by quenching 2—12755
Al, structural changes during primary recrystallization 2—12932
Al, work hardened, recrystallization, orientation and struct. 2—15904
Al_2O_3, corundum, thermal stability parameters 2—36251
Al_2O_3, quenched, residual stress computation 2—36107
Al_2O_3 films on Si, effect on struct. and props. 2—32357
Au, temper kinetics, vacancy formation, hardening rate effect 2—19246
BN-TiB_2-Al powder, hot pressing, evaporating element prep. 2—39956
$BaTiO_3$, effect of conditions on dielec. props. 2—16283
C, active, effect on pore struct., adsorption study 2—32751
C black, graphitization process, X-ray obs. 2—36200
C fibre, polyacrylonitrile based, structure and other properties obs., using e.p.r. 2—6289
Cd, cold working, defect production and recovery, 77K, elec. resist. obs. 2—25411
Cd layer, recrystallization, etching, electron microscopy 2—18934
CdO-Bi_2O_3, elec. cond., effect of quenching 2—1511
CdS, photosensitivity rel. to heat treatment 2—22639
CdTe, broad band cathodoluminesc., effects of heat treatment and electron irradiation 2—29990
$CeRu_2$ and mixed crysts., prep. and supercond. props. 2—19579
Co, recrystallization termination, interference of allotropic transform. at 440°C, internal damping obs. 2—39886
$Co_3IB_7O_{13}$, ceramic, effects on chem. and opt. props. 2—15936
$0.71Cs_2O.0.52BaO.6Al_2O_3$ synthesis 2—36276
Cu, Al_2O_3 and ZrO_2 dispersion reinforced, mech. props. 2—1341
Cu, dynamic recrystallization during hot torsion 2—29450
Cu, rolling, 77K, annealing, secondary recrystallization 2—12934
Cu, shear strained, stored energy release during recrystn. 2—19181
Cu_{2-x}Se-CdSe photovoltaic cells 2—29774
α-Fe, age hardening rel. to quenching rate 2—22328
Fe, dislocation density 2—19242
Fe, ductile-brittle transition, N_2 effect 2—15836
Fe, vacuum hot pressing, effect of u.s. waves 2—1347
p-GaAs, effect of 0.93 eV luminescence band 2—36942
n-GaAs, film, epitaxial, photocond., influence of state of surface 2—22643
n-InSb, electrical properties at 77 K, effect of tempering between 0 and 150°C 2—22516
Li-Na-Si glass, partial crystallization, spontaneous deformation phenomena 2—12629

Heat treatment continued
Mg, cold working, defect production and recovery. 77K, elec. resist. obs. 2—25411
MgO, with 1% LiF, packing kinetics, hot- pressing temp. effects 2—36209
MnBi, prep. and thermomag. props. 2—40484
$MnZnFe_2O_4$, calcining rel. to mag.-props. and microstruct. 2—33157
Na film, vapour quenched, photoelectric electron emission 2—6930
Ni:ThO_2, rapid quenching effects, internal stresses, rel. to mech. props. 2—32599
Ni, dispersion hardened, role of microstruct. in strengthening 2—39936
Ni, electroless deposits on glass, effects on interface structure 2—32372
Ni, high strain rate deformation, recovery and recrystallization, polygonisation 2—9748
Ni, proton irradiation, void formation by flash heating 2—22177
Ni, recrystallisation during hot deform., strain rate torsion tests, torque-twist curves 2—32699
Ni, relationship between point of recrystallization on microhardness curve and degree of formation before annealing 2—9718
Ni, tensional deformation, secondary recrystallisation structure 2—12947
Ni, vacuum hot pressing, effect of u.s. waves 2—1347
Ni crystal, electropolishing, heat cycling, substruction disorientation, x-ray exam. 2—12778
$Ni_3IB_7O_{13}$, ceramic, effects on chem. and opt. props. 2—15936
$Pb_{1-x}Sn_xTe$ epitaxial film growth 2—32375
Pt, repeatedly quenched, dilatometry 2—39895
Se layer, recrystallization, etching, electron microscopy 2—18934
Si:Li and neutron irradiation, carrier removal effects 2—19652
Si:Y, γ-irrad., A-centre form. 2—1534
Si-Al_2O_3 interface, effect on Si surface potential 2—29736
Si-SiO_2-Al_2O_3 structure, effect on Si surface potential 2—29736
Si, film, piezoresist. props., resist. temp. coeff., gauge factor 2—10072
Si, oxidized, floating-zoned, dislocation free, spotty defects, rel. to heat treatment at 1350°C 2—19104
Si, wafer, thermal consitions for dislocation generation 2—32526
Si epitaxial, stacking fault elimination 2—39705
SiO_x, film, r.f.-sputtered, i.r. spectra near 9μm, rel. to sputtering voltage, thickness, heat treatment conditions 2—13484
Sn, low temp. thermal cycling, grain growth, secondary recrystallization 2—32691
Ti-55 at.%Ni alloy, hardening, rel. to Ti_2Ni_3 precip.39903 2—39903
Ti, nitriding by ionic bombardment, skin microstructure and corrosion resistance 2—12928
W, quenching, vacancy formation and clustering 2—3764
ZnTe film, recrystallization rel. to struct., elec. and optical props. 2—29046
Zr, cold rolled, polygonization, recrystallization and recovery, electron microscopy 2—6502
Zr, deformed, resistometric recovery above room temp. 2—36219
Zr, low temp. recovery, recrystallization, resist. meas. 2—15911
Zr, precipitation of zirconium hydride, struct. and distrib. 2—22369

alloys
b.c.c., dispersion-strengthed, grain size during recrystn. 2—12929
brass, vacancy form. during recrystn. 2—39888
drill tubes, heating by electric current, under pressure, increase in load carrying capacity 2—3892
Elinvar, effect of tempering on Young's modulus 2—12823
heat conducting material, defects 2—32499
hot workability, torsion testing study 2—39861
Inconel 706, rel. to optimum combination of props. and fabricability 2—29395
Invar, thermal expansion, 4.2-300K effect of heat treatment conditions 2—36355
Kh16N7M2Yu, Kh17N4MD 2—1361
martensite, newly heat-treated from Fe-Ni-C, peak in internal friction 2—39765
Nimalloy, with Fe and Mo additions, rel. to mag. props. 2—13400
nuclear fuel elements, ratchetting growth of cladding 2—15825
permalloy films, recrystallization 2—1349
Pyromet 860, precip. strengthening, effect of Ti and Al content 2—29394
quenched-in disorder as function of quenching conditions 2—32714
quenching, liquisol, apparatus for producing thin flat specimens 2—3930
quenching from the melt, cooling rate estimation 2—29386
quenching from the melt, cooling rate estimation 2—32692
quenching from the melt, cooling rate estimation 2—36198
stall, micro-alloyed, hot rolling, recrystallization 2—9735
steel, 0.7%C, effect on fretting fatigue behaviour 2—3893
steel, 10GT, nonapplicability 2—1406
steel, γ' phase precip., quenching temp. effects 2—36215
steel, acceleration of pearlite spheroidization 2—32695
steel, application of diffusion laws 2—9741
steel, austenite, $\delta \to \gamma$ transformation on quenching, martensite and ferrite content 2—15951
steel, austenite, hot rolled, recrystallization 2—12943
steel, austenite, recrystallization, grain orientation, metallography 2—9737
steel, austenitic, effect of thermomechanical treatment on cyclic strength 2—9688
steel, austenitic, hot working struct, and strength 2—9729
steel, austenitic, recrystallization temp., C effects in type 304 and 316 2—1304
steel, austenitic stainless, effect on stress corrosion cracking 2—29326
steel, austenitic stainless, hot ductility, effect of N_2 and Ni 2—9672
steel, austenitized, hardness-cooling rate curve 2—29336
steel, carbide form. during tempering 2—39984
steel, carbide phase precip. during tempering, effects of rate of heating 2—36216
steel, cast V, precipitation hardening 2—9749
steel, chromium, martensite decomp. rel. to carbide formation during tempering 2—32727
steel, cold rolled, deformation martensite to austenite transformation 2—3995
steel, Cr-Mo, precipitates, electron microscope and X-ray study 2—9770
steel, Cr-Mo martensitic, tensile strength, fracture toughness, quenching effect 2—12908
steel, cyclic heating effects 2—25516
steel, ductility in hot working, O content effects 2—39893
steel, effect of ageing conditions on mech. props. 2—36118
steel, effect of heat treatment and chemicothermal treatment on fatigue strength 2—36150
steel, effect of thermomechanical treatment on mech. props. 2—9731
steel, fatigue strength, effect of thermomechanical treatment 2—36151

Heat treatment continued
alloys continued
steel, Fe-Si, thin tape, effect on texture and mag. props. 2—36717
steel, forge-quenched, effect of tempering temp. on mech. props. 2—12898
steel, G-type, temper brittleness 2—39900
steel, heat resisting, microstructure, mech. props. 2—3933
steel, high C, cold drawn wire, ageing and recovery 2—9757
steel, high stability deep tempered, quenching, two industrial samples 2—1340
steel, high strength Ti-structural type, recrystn. 2—29391
steel, high-speed, optimum tempering for wear resistance 2—36114
steel, high-speed, quench deform. due to complex carbide precip. 2—29392
steel, high-strength stainless, tempering temp. effects on struct. and mech. props. 2—32609
steel, hot working influence on struct. and mech. props. 2—1369
steel, local pulse heating by laser beam, microhardness, struct. changes 2—39846
steel, maraging, austenitic phase stabilization, thermal cycling 2—15909
steel, maraging, optimum treatment 2—36204
steel, martensite, impact deformation strengthening, tempering 2—39901
steel, martensitic phase diagrams 2—9834
steel, martensitic stainless, phase transforms., 400-650°C pulsed mag. field effects 2—36280
steel, melting, casting, working, defect origin 2—32690
steel, metastable austenitic, primary recrystn. texture development 2—25596
steel, normalizing, law of equivalence between duration and temperature 2—12941
steel, plasmic spraying, surface composition and structure 2—15900
steel, quenched, aged, mech, props, weldability rel. to heat treatment conditions 2—19239
steel, quenched, low-temp. tempered, martensite decomp. compressive stresses relax. 2—15899
steel, quenched, martensite transformation, C interaction, resist., temp. depend. 2—3927
steel, quenched, recrystn. during rapid heating 2—29389
steel, quenching, austenite grain size, effect on hardness 2—36244
steel, quenching and tempering, austenitic grain boundaries, etching 2—6397
steel, recrystallisation, struct., during slow heating 2—15906
steel, recrystallization, u.s. attenuation obs. 2—25572
steel, recrystn. texture, effect of precip. hardening and martensitic transform. 2—3992
steel, rhenium, quenching, martensitic transformation, X-ray, dilatometric and resist. obs. 2—3994
steel, secondary recrystn. texture, effect of Ge content 2—36203
steel, serrated grain boundaries rel. to brittle fracture and toughness 2—19204
steel, stainless, AISI type 446, high temp. embrittlement and corrosion resistance mechanism 2—29335
steel, stainless, neutron irradiation, void formation, thermo-mechanical treatment effect 2—6469
steel, stainless, secondary defects formed on quench-ageing 2—1244
steel, structural, effect of preliminary treatment on strength 2—36206
steel, structural, type E36, relaxation after welding. residual stress, tensile strength 2—12944
steel, structural recrystallisation, alloying effects 2—32696
steel, temper brittleness, critical friction obs. 2—32633
steel, temper embrittlement, segration. Auger spectroscopy 2—3897
steel, thermomechanical hardening, effects on embrittlement and fracture, review 2—6558
steel, thermomechanical strengthening 2—9728
steel, tool, residual austenite meas. by magnetic thickness meter 2—25549
steel, transformation, martensitic, influence of thermomech. treatment and C conc. 2—15961
steel, transformer, secondary recrystallization matrix, rel. to initial state 2—12936
steel, weldable, structural transformations, hardenability rel. to comp. 2—12945
steel, weldable structural, hot deformation 2—12942
steel, with Nb additive, precipitation kinetics 2—9738
steel, X 15 N 9 Yu, effect on tensile and fatigue strength 2—6554
steel bimetal structure, low coefficients of expansion, compatibility 2—1364
steel pipe, effect on work of fracture 2—36207
steel residual stress distrib., surface layer, effect of thermomech. strengthening 2—39776
steel single crysts., temper brittleness 2—39833
steel smelting and hot working 2—1345
steels, high pressure pipelines, temperature distrib. 2—29385
superalloy, control of microstruct. and props. using precip. phases 2—29387
welded steel joint, heat affected zone hardness 2—32654
zircaloy-2, precipitation of zirconium hydride, struct. and distrib. 2—22369
Ag_5MnAl, effect on mag. props. 2—10207
Al-Ag, vacancy-solute interaction energies, clustering kinetics obs. 2—22190
Al-(17.3 at.%)Cu, amorphous phase formation by splat quenching 2—32687
Al-Cu, isothermal tempering, elec. resist. study 2—25571
Al-Cu alloy, recovery after tempering 2—9756
Al-4%Cu, reversion phenomena due to dissolution of G.P. zones 2—39885
Al-In, dil., vacancy annealing on quenching 2—9535
Al-Mg, Al-Zn-Mg, microstructural and mech. changes 2—3888
Al-Mn, dilute, quenched, solute dispersion, X-ray diffr. obs. 2—25587
Al-Ni, dilute, quenched, solute dispersion, X-ray diffr. obs. 2—25587
Al-W, quenching from the melt, phase transformations 2—25617
Al-Zn-Mg, extruded, rel. between grain struct. and quench sensitivity 2—25589
Al-Zn-Mg, quenched, aged, metastable miscibility gap, small angle X-ray obs. 2—3981
Al-Zn-Mg, quenching conditions, rel. to stress corrosion resist., tensile props. microstruct. 2—12931
Al-(15 at.%)Zn, quenched, coherent phase separation kinetics, small angle X-ray scatt. 2—3980
Al-Zn, dilute, quenched, solute dispersion, X-ray diffr. obs. 2—25587
Al-Zn based, impurity-vacancy interactions and clustering kinetics 2—9754

Heat treatment continued
alloys continued
Al-(4.4 at.%)Zn, isothermal ageing, clustering, solute-vacancy binding energies, ternary additions 2—6481
Al, semi-continuous cast prep., annealing 2—15902
Al 2024, cold working, yield strength, microstructure 2—32701
AlCu, AlMgSi, temper vacancy elimination rel. to precipitation stages 2—15897
Al$_3$Ni-Al eutectic rod, thermal stability rel. to growth 2—22336
Au-In solid solution, lattice parameters, solubility limit, thermal expansion, voids 2—19265
Au-15 at.%Ag, quenching rel. to ordering props., rad. damage interpretation 2—36009
AuZn, quenching temp. influence on high temp. phase retention 2—25570
Co-Al, coercivity rel. to precipitate anisotropy 2—22686
Co-Sm, permanent magnet, magnetization changes, under heating up to 650C 2—26035
Co-rare earth metals, permanent magnet, magnetization changes, under heating up to 650C 2—26035
Cu-Al, internally oxidized, mech. props., influence of recrystn. 2—39887
Cu-Al, microstruct. and mech. props., effect of thermomechanical treatment 2—36202
Cu-Be-Co, effect of conditions on microstruct. and mech. props. 2—29299
Cu-Ga, quenched hypereutectoid, microstructure 2—9580
59wt.%Cu-12wt.%Ni-29wt.%Zn, recrystn., precip., rel. to cold working 2—32688
Cu, age hardening, heat treatment, mech. props. rel. to cold working 2—19241
Cu stress corrosion cracking susceptibility, effect of post form. heat treatment 2—36168
CuAu, quenching temp. influence on high temp. phase retention 2—25570
Cu$_3$Au, ordering kinetics during quenching 2—29426
CuNi, qhenching temp. influence on high temp. phase retention 2—25570
Fe-Al, quenching in of disorder by laser pulse heating, limitations 2—19310
Fe-Al influence on permeability and magnetomech. coupling 2—6980
Fe-Al solid solution, tempering, short range order 2—22324
Fe-C, tempered, C distribution, mag. and dilatometric analysis 2—3928
α-Fe-Co alloy, elec. resist. vs quenching temp. and isothermal annealing time 2—1346
Fe-Cr-C steel, martensitic, tempering, internal friction meas. 2—29393
Fe-Cr-Mn-Ni, steel, hot rolled, ageing response, mech. props., embrittlement, stress corrosion cracking resist. 2—19248
Fe-Cr, austenitic, effect on abrasive wear resist. 2—36177
Fe-Cu steel, low C, stable lath substructure obs. 2—25629
Fe-Mo-Co, quenched from $\alpha+\gamma$ field, transform. microstructs. 2—12998
Fe-Ni-Al-Co, thermomag. treatment quality, mag. texture study 2—36239
Fe-Ni-C, martensite, morphology rel. to formation temp. 2—12775
Fe-Ni-Cr, effect of austenitizing conditions on martensite formation 2—32768
Fe-Ni-Mo-Co, martensitic, temper hardening, X-ray diffr., electron microscopy 2—9740
Fe-Ni-Mo, cooling rate, effect on martensitic transform. 2—29467
Fe-Ni-Mo, martensitic, temper hardening 2—9739
Fe-Ni-Nb, martensitic alloy, temper hardening 2—9739
Fe-Ni, Fe-Ni-Co, austenitic phase stabilization, thermal cycling 2—15909
Fe-Ni, quenched-in vacancies, influence of hydrogen 2—39679
Fe-Ni steel, austenitic phase stability, heat cycling effects 2—29436
Fe-Ni system, explosively loaded, hardening, recrystallization, grain boundaries 2—9575
Fe-S alloys precipitation of Fe sulfides during tempering 2—39891
Fe-Si, primary recrystn., impurity drag effect on grain growth rate 2—39890
Fe-Si, recrystallization texture, effect of S 2—12937
Fe-Ti, steel, work hardened, annealed, recrystn., recovery, segregation, electron and optical microscope obs. 2—32698
Fe-W-Mo, steel, tempered, precip. of carbide 2—29384
Fe-W steel, tempered, precip. of carbide 2—29384
Fe, cast, deformation heat treatment for dimens. stabilization of parts 2—36205
Fe, cast, ductile-brittle transition depend. 2—39832
Fe, effect on props. struct. and phase comp. 2—1353
FeCo, mag. anisotropy and ordering changes, atom pair model 2—22679
Ge-Sn solid soln., quenching effect on Mossbauer spectra 2—29886
Mg-Cd, perfectly ordered mosaic structure from rapid quenching 2—6437
Mg bronze, diffusion phenomena rel. to alloy props. 2—9624
Mn-Cu-Cr, nonmag., Elinvar-type, Youngs modulus, rigidity, thermal expansion, hardness, 123-673K 2—19160
Mn-Cu-Fe, elinvar-type, nonmag., Youngs modulus, rigidity modulus, thermal expansion, hardness 2—29233
Mn-Cu-Ni, nonmag., Elinvar-type, rigidity, hardness, thermal expansion, Youngs modulus, 123-673K 2—19161
Nb-Ti, Young's modulus temp. depend. recrystn. effect 2—36095
Ni-Al-W-Mo-Co alloy, dispersion-hardened, thermomechanical treatment 2—9733
Ni-Co-Cr-Mo alloy, heat resistant, rel. to σ-phase precip. mechanics 2—9821
Ni-Cr-Mo powder, effect on elec. cond., mech. and corrosion props. 2—19280
Ni-Cr-Nb-Co, alloy quenched and reheated, study of cell precipitation 2—25563
Ni-(20 wt.%)Cr alloy, recrystallization, effects of Al+Ti complex additions 2—25573
Ni-(50 wt.%)Fe, secondary recrystn. mechanism 2—39937
Ni-Mn, nonmag., Elinvar-type, Youngs modulus, thermal expansion, rigidity, hardness, 123-673K 2—19162
Ni-(20.5wt.%)Mn, mag. permeability, elec. props., homogenizing treatment effect 2—13399
Ni-Mo powder, effect on elec. cond., mech. and corrosion props. 2—19280
Ni alloys, dispersion hardened, role of microstruct. in strengthening 2—39936
Ni based super-refractory, dynamic recrystallization 2—12948
Pd$_{81.8}$Si$_{18.2}$, amorphous, recrystallization, isothermal resistance obs. 2—15972
PtFe-PdFe(PtNi), order-disorder transformation, lattice parameters, magnetization, coercive force 2—1633
steel, low C, recrystn. texture control 2—39892
Ti-Al-Sn-Zr-Mo, rel. to attainment of optimum tensile props. 2—39942
Ti-Mo-Ni system, polythermal section 2—32788
Ti-V and Ti-V-Al, rel. to props. and struct. 2—36141

Heat treatment continued
alloys continued
Ti alloy, β-stabilized, ω phase formation kinetics 2—36288
Ti alloy, cold working, structural hardness 2—12949
Ti alloy, fatigue resistance, rotating flexure test 2—12895
Ti alloys, equilib. diagram, microstructures 2—1350
Ti alloys, nitriding by ionic bombardment, skin microstructure and corrosion resistance 2—12928
TiNi, resistivity peak on thermal cycling, shape memory effect 2—29479
U-Nb-Zr, oxidation and temp. cycling, flexure study 2—10627
W for incandescent lamp filaments 2—39914
Zr-(3 wt.%)Mo-(1 wt.%)Al alloy, thermal decomposition, Al effect 2—25640
ZrO$_2$-Gd$_2$O$_3$, rel. to phase transformations, d.t.a. and X-ray diffr. obs. 2—9840
Zr—(3 wt.%)Mo-(1 wt.%)Al, tempering of strain induced martensitic phase, struct. and morphology 2—25639

Heating
atmosphere, upper, near auroral zones 2—13757
Balzers VSG-02 vacuum furnace, adaptation for prep. of single crystals 2—7631
blast furnace for speciment environment control in electron microscopy 2—25306
cathode, in asymmetrically burning Penning discharge 2—32023
ceramic, thermal and i.r. testing techniques 2—25609
composite material, thermal and i.r. testing techniques 2—25609
electrical induction arrangement for zone melting 2—22325
electron cyclotron heating by microwave fields as resonant diffusion 2—24660
electron microscope, high-temperature observations of object on tungsten disc 2—34323
ethanol films, dry spot formation on heating from below 2—9122
explosive by optical radiation, drops, causing evaporation, dynamic 2—28957
furnace, carbon resistor, carbon, refractory oxide reactions, X-ray obs. 2—3636
furnace, floating zone, for melting refractory metals 2—23187
furnace, high pressure, cylindrical, computation of temp. distribution 2—27327
furnace, induction-heated, for α-SiC cryst. growth 2—29091
furnace, u.h.v., design and performance 2—27334
furnace, vacuum, miniature, for Mossbauer spectroscopy 2—5096
furnace design for studying refractory oxides 2—30719
furnaces, flame type, temp. meas. using thermal probe by reference to heat flow 2—20961
gas heater, coaxial electric arc spun by mag. field 2—12477
Gum Nebula by energetic particles from Vela X supernova 2—20507
induction, l.f., thermal plasma 2—35462
ionospheric F-region at Arecibo 2—20414
laser, of material slabs, radial heat conduction 2—14284
Massmann furnace for chemical analysis by atomic absorpt. spectroscopy 2—8046
mechanical, in gray atmosphere, effect of inclusion of non-LTE effects 2—20707
metals, in oxidizing medium, construction of parametric heat resistance diagrams 2—4593
nonlinear rates, glow curve integral, generalised solution 2—28671
off-resonance heating of mirror confined plasmas 2—28555
orthotropic cylindrical shells, effect of rigidity on optimal temp. field profiles 2—5255
plasma, θ pinch, conditions and mechanism 2—24785
plasma, θ-pinch, by CO$_2$ laser radiation 2—39151
plasma, anomalous, by laser irradiation 2—28505
plasma, anomalous, by resonant excitation of magnetoacoustic waves 2—35501
plasma, at lower hybrid resonance 2—31997
plasma, by collisionless absorption and lower hybrid wave plasma interaction 2—31998
plasma, by collisionless absorption of h.f. e.m. waves 2—24714
plasma, by dissipation of current driven turbulence 2—24657
plasma, by focused pulsed laser radiation, dynamics 2—28506
plasma, by h.f. field of ion cyclotron frequency, calc. 2—15445
plasma, by laser beam 2—18591
plasma, by shock waves 2—24708
plasma, by streaming instability driven by d.c. electric fields, model of end state 2—24819
plasma, collisionless, using oscillating external currents 2—31942
plasma, confined, influence of laser pulse dynamics 2—35461
plasma, electron cyclotron, in nonuniform magnetic field, computer calc. 2—3193
plasma, in Tokamak T-4 device 2—24743
plasma, in Tuman 2 toroidal device 2—24755
plasma, low beta, by transit time magnetic pumping in toroidal geometry 2—24683
plasma, stochastic, by random microwave noise 2—32004
plasma, Tokamak TM-3, electron-cyclotron resonance freq. 2—39098
plasma, toroidal, by neutral beam injection 2—31939
plasma, toroidal, by neutral injection 2—32021
plasma, turbulent, by intense pulsed discharges in OGRA-2T device and ion acoustic and beam instabilities 2—24816
plasma, turbulent and electron cyclotron and ion acoustic instabilities in Tokamak devices 2—24821
plasma and contraction, effects of trapped particle pinch effect in Tokamak plasmas 2—28575
plasma at lower hybrid frequency in Alcator 2—6076
plasma by e.m. wave transformation at frequency close to lower hybrid frequency 2—24713
plasma by laser, fusion effects for spherical thermal wave 2—32007
plasma by laser by mechanical magnetic accumulation and fusion energy regain 2—31983
plasma by lasers, fusion for effects spherical thermal wave 2—32006
plasma by magnetic pumping 2—24684
plasma by skin current 2—39097
plasma electron in perpendicular collisionless shock 2—8931
plasma electrons by microwaves in Q-machine causing ion-acoustic collisionless shocks 2—21781
plasma in toroidal trap by h.f. e.m. waves 2—24716
plasma ions by electron beam produced radial d.c. electric field driven crossd field instabilities 2—24820
plasma ions by ion acoustic waves in ion stream plasma 2—12431

Heating continued
- plasma ions by ion acoustic waves in ion streaming plasma 2—21839
- plasma ions in Tokamak with transit time magnetic pumping 2—31940
- plasma pinch, turbulent and electron cyclotron drift instability 2—24667
- plasma turbulent and magnetic confinement 2—24655
- powders, in induction plasmas, work coil performance 2—3222
- rate controller for thermally stimulated conductivity and thermoluminescence obs. 2—27340
- r.f. furnace using cylindrical cavity resonator 2—37525
- rotary furnace, axially heated by transferred arc jet plasma 2—37524
- solar chromosphere and corona rel. to fine structure of small scale magnetic fields 2—11037
- solar flare plasma, heating by high energy electrons 2—37409
- solar furnace, pyrometry, temp. scale revision 2—27330
- solar wind ions, near Earth's orbit 2—33766
- substrates, using lamp as source in evacuated system 2—23207
- tank, electrical supply, convection currents, model for glass melt 2—28749
- thermal pulser for metallic phase transformation obs. 2—27303
- thermostats, metallic materials, ASTM standards, book 2—37552
- Tokamak plasma heating, axisymmetric magnetic pumping 2—28535
- variable conductivity halfspace, constant surface heating 2—20955
- Cs plasma, turbulent 2—24665
- H plasma, turbulent, in magnetic mirror 2—24656
- H plasma, turbulent, of column in linear arc discharge 2—24658
- ^{2}H-^{3}H plasma, nuclear microfusion during laser heating process, methods for raising the energy recovery 2—24653
- ^{2}H-^{3}H plasma by combined cumulation and laser means, average value model description for cylindrical wave 2—24652
- ^{2}H hot high density plasma, turbulent, and confinement in magnetic mirror trap 2—24747
- He cusped plasma at ion cyclotron resonance 2—39137

Heaviside layer *see Ionosphere*

Heavy water *see Water*

HEED *see Electron diffraction; Electron diffraction crystallography; Electron diffraction examination of materials*

Height measurement *see Length mwasurement*

Heisenberg model
- anisotropic classical ferromagnet phase transitions 2—36671
- antiferrodielectric, rel. to exciton model 2—4281
- antiferromagnet, dil., spin wave modes 2—19912
- antiferromagnet, dynamic nucl.-spin correl. functions 2—15625
- antiferromagnet, dynamical susceptibility, magnon-magnon interaction effects 2—16391
- antiferromagnet, finite linear chain, ground state energies 2—26011
- antiferromagnet, impure, thermodynamic props. 2—19914
- antiferromagnet, non-collinear sublattices, linear defect, coupled spin-wave states 2—22698
- antiferromagnet, one-dimensional, second-order Green function theory 2—33165
- antiferromagnet, spin correl. functions in Callen decoupling approx. 2—36754
- antiferromagnet, spin wave energy 2—6987
- antiferromagnet, spin wave impurity modes, temp. depend., Green function theory 2—19911
- antiferromagnet, layered, Neel temp., cryst. field anisotropy effect 2—10231
- antiferromagnetic linear chains, Fermi liquid theory, residual interaction and collective mode 2—40541
- antiferromagnetic spin-1/2 chains, spin waves 2—22697
- antiferromagnets, with long range interactions, dynamic scaling laws 2—1607
- classical chain with random interactions, partition function 2—11291
- critical exponents calc. by Feynman-graph expansion 2—23301
- critical exponents in 3.99 dimensions calc. using renormalization-group techniques 2—17255
- critical pt. exponents, second neighbour interaction strength depend. 2—7707
- exchange in dilute solutions, particle spin polarization 2—29803
- ferromagnet, anisotropic, Dembinski decoupling scheme calcs. 2—36684
- ferromagnet, Callan decoupling approx., longit. spin correl. function 2—19846
- ferromagnet, critical pt. scatt. and spin-spin correls. 2—26018
- ferromagnet, critical scatt. 2—40425
- ferromagnet, cubic, impurity spin wave modes 2—19841
- ferromagnet, decoupling scheme in paramag. region 2—36663
- ferromagnet, dil. anisotropic, spin wave theory 2—19842
- ferromagnet, dynamic scaling 2—10178
- ferromagnet, effect of a surface on low temp. properties 2—19839
- ferromagnet, equation of motion decoupling for the Green function 2—29806
- ferromagnet, finite linear chain, ground state energies 2—26011
- ferromagnet, Green's function technique and standard-basis operator method 2—19483
- ferromagnet, kinetic eqn. and spin wave damping below T_c 2—36674
- ferromagnet, long range order and phase transitions 2—16359
- ferromagnet, magnetization and susceptibility 2—29807
- ferromagnet, modified Callan decoupling in Green's function analysis 2—10184
- ferromagnet, paramag. phase, impurity spin state calc. 2—19830
- ferromagnet, paramag. phase, two magnon Raman scatt. at finite temps. 2—16516
- ferromagnet, scatt. theory 2—10181
- ferromagnet, self-consistent Monte-Carlo method 2—16358
- ferromagnet, spin 1/2, diagrammatic approach 2—10188
- ferromagnet, spin-one, biquadratic exchange 2—40435
- ferromagnet, stability and elementary excitation, Green function method 2—16363
- ferromagnet, surface spin waves, anisotropy and next-nearest-neighbour coupling 2—19850
- ferromagnet, thermodynamics in applied mag. field 2—19849
- ferromagnet, two-dimens. spin-1/2, exchange-energy consts. 2—40436
- ferromagnet, two-time Green's function method 2—19851
- ferromagnet, uniaxial, anisotropy consts. near Curie pt. 2—13381
- ferromagnet Green's functions, determ. by orthogonal operator expansion method 2—33924
- ferromagnet in two dimensions, reply to criticism of first order Green's function theory 2—33121
- ferromagnet with ferromag. impurities, Green's function theory, decoupling scheme calcs. 2—36685

Heisenberg model continued
- ferromagnetic, isotropic, Stanley Kaplan phase transition study 2—13382
- ferromagnetic alloys, disordered, CPA analysis 2—10182
- ferromagnetic films, susceptibility and sp. ht. 2—40424
- ferromagnets, with long range interactions, dynamic scaling laws 2—1607
- finite lattice calcs., applic. to thermodynamic parameter investig. 2—36681
- Heisenberg three dimensional ferromagnet Green's function decoupling approx. critical point exponents 2—26008
- Heisenberg-Ising ring, free energy, high temp. expansion 2—17254
- layer-type magnets, weakly anisotropy, transition temps. rel. to anisotropy 2—22682
- linear chain model, localized and virtual magnetoelastic states 2—16356
- one-dimensional anisotropic chain, minimum eigenvalue of Hamiltonian 2—37628
- one-dimensional spin system, Greens function formalism 2—33122
- organic binary liquid solution, e.s.r. study of Heisenberg spin exchange near the critical point 2—32276
- paramagnet, one-dimensional, relaxation shape function 2—29799
- paramagnet, spectral density moments, diagrammatic expansion 2—10169
- paramagnet, transport coeff. calc. 2—36664
- scaling function, calc. method 2—29805
- scaling law eqn. of state 2—40423
- spin cluster, dynamical spin correls. 2—40434
- spin systems, dynamical scaling and kinetic equations just below critical temperature 2—26003
- spin-phonon interaction in Heisenberg ferromag., magnon scatt. 2—26006
- structure of distribution functions 2—2164
- trimeric clusters, Heisenberg-Dirac- van Fleck Hamiltonian, spin exchange, e.p.r. theory 2—30017
- universality hypothesis, next-nearest-neighbour-interactions 2—33938
- Weiss limit, thermostatics 2—17253
- Cu complex, $(C_nH_{2n+1}NH_3)_2CuX_4$ (n=1-10, X=Cl, Br) specific heat meas. deviations from ideal Heisenberg ferromagnet 2—13041

Helicity *see Elementary particles; Field theory, quantum*

Helicons
- amplification criterion 2—6742
- boundary value problems, numerical solutions 2—29605
- conductor, bulk, n.m.r. detection using spin-helicon interaction 2—10540
- excitation with opposite polarization in uncompensated magnetoactive solid state plasma 2—16117
- magnetosphere, propagation, non-linear effects 2—13746
- plasma, semicond., amplification, electron beam interaction 2—40154
- semiconductor, intrinsic carrier conc. temp. depend., helicon interferometry obs. 2—36512
- semiconductor, reflectivity of helicon modes, localized carrier distrib. influence 2—10059
- Bi:Te, galvanomag. props., helicon standing wave resonance obs. 2—25749
- InSb, intrinsic carrier conc. temp. depend., helicon interferometry obs. 2—36512
- n-InSb, surface helicon waves 2—6841
- K, polycryst., low field helicon expts., magnetoresistance 2—40176
- Ni film, microwave helicon- magnon interaction 2—16382

Helions *see Alpha-particles; Helium-3*

Heliotron *see Plasma/devices*

Helium
- absorption in solid Xe, quantum mechanical states 2—25228
- adsorbed atoms, bound state existence 2—25219
- afterglow slab plasma, propagation of strong circularly polarized wave near electron cyclotron frequency 2—8944
- amorphous glow discharge, cathode fall in longitudinal magnetic field 2—35619
- Andromeda galaxy, relative line strengths and abundances in emission regions in the nucleus and disk 2—13851
- anode spot oscillations 2—3262
- arc, non local thermodynamic equilibrium 2—35640
- arc jet, suprathermic fluctuations 2—35639
- atom, 1 ^{1}S, 2 ^{1,3}S, 2 ^{1,3}P states, perturbation calc. of energy and expectation values 2—24401
- atom, 1/Z expansion convergence 2—18307
- atom, 1s ns ^{1}S states, improved lower bounds to energy levels calc. with analytical orbital wave function 2—21550
- atom, 1S state, collisions with H(2S), total cross section determination 2—12029
- atom, 2^{1}S and 2^{3}S state, inelastic electron scattering cross sections 2—5885
- atom, 2 ^{1}S and 2 ^{3}S metastable states, Penning ionization cross sections 2—12044
- atom, 4^{3}P and 5^{3}P states, transitions between Zeeman levels, diamag. Zeeman effect 2—18360
- atom, ^{1}P autoionization states in elastic scattering region 2—31731
- atom, (1^{1}S), (2^{3}S), (2^{1}S) states, using wavelength calculations 2—8496
- atom, absolute meas. of lifetime of 4^{1}D level 2—35186
- atom, asymptotic values of quantum defect, variational calc. 2—18356
- atom, auto-ionised $^{1}P^{(-)}$ states, electron excitation 2—722
- atom, collision cross section meas. at very low temp. 2—3005
- atom, collision with K^+ ion, excitation section structure, applicability of three term model 2—38841
- atom, collisions of second kind, cross section dependence on exptl. parameters ,2—3004
- atom, collisions with alkali atoms, elastic approx. for fine structure transition cross sections 2—5842
- atom, collisions with Ar, Kr, Xe, analysis of ejected electrons 2—3003
- atom, collisions with D_2, total cross sections at low thermal velocities 2—3008
- atom, collisions with D_2, vibrational energy transfer 2—35381
- atom, collisions with H_2, vibr. excitation 2—28292
- atom, collisions with He and H_2, abs. integral cross section meas. in energy range 0.1 to 2.8 eV, determination of intermolec. potential parameters 2—3147
- atom, collisions with K^+, determination of repulsive potentials from total scattering cross sections 2—12010
- atom, collisions with Mg and Pb, cross sections for electron capture and loss 2—5890
- atom, collisions with Mg and Pb, selection rule for charge transfer 2—5891
- atom, collisions with N_2, low energy cross sections 2—24408
- atom, collisions with protons of up to 20 MeV energy ang. distrib. of ejected electrons 2—12056
- atom, Compton scatt. of keV electrons 2—3001

Helium continued
atom, cross sect. of electron ejection by 100-300 keV protons, calc. using binary encounter polarized orbital method 2—12059
atom, decay kinetics of 2^1S_0 states in afterglow 2—28238
atom, difference in energy between singlet and triplet states 2—31722
atom, differential and total cross sections for electron and positron scattering 2—28236
atom, direct excitation of n=3 triplet states by proton impact 2—5881
atom, double differential cross sections for ejection of electrons by 100 and 300 keV protons 2—12058
atom, doubly excited states, line identification from beam foil meas. 2—31725
atom, elastic and 1s-2^1s inelastic electron scatt., calc. using Glauber approx. 2—5884
atom, electric polarizability, lower-bound procedure 2—31726
atom, electron capture in excited state following collision with Ne 2—38860
atom, electron elastic scattering calc. using theory based on R-matrix, phase shifts 2—12024
atom, electron impact, ang. distribution of secondary electrons 2—5886
atom, electron impact at 500eV, ang. distribution of secondary electrons 2—3002
atom, electron impact excitation, 19-24 eV, total cross sections 2—24403
atom, electron impact excitation, cross sections, applic. of eikonal approx. 2—31728
atom, electron impact excitation cross section calc. in adiabatic representation 2—8491
atom, electron impact excitation of 2^1P state, calc. in DWBA 2—8498
atom, electron impact excitation of 2 ^1S state, charge polarization effects 2—15250
atom, electron impact ionization, energy and angular distributions of secondary electrons 2—15249
atom, energy spectra of ejected electron from autoionizing states excited by electron bombardment 2—15248
atom, excitation by fast charged particle, eikonal DWBA analysis 2—5869
atom, excitation of 4^1S, 4^1D and 3^1P levels by fast proton, absolute cross section meas. 2—2999
atom, excited in plasma, resonance scatt. using dye laser 2—15247
atom, expectation values for ^1S state, Delves principle applied using numerical excited Hartree orbitals 2—35185
atom, fine structure of 2 ^3P level, second-order corrections 2—38856
atom, Hartree-Fock wavefunctions of nominal accuracy calc. by expansion method 2—38797
atom, hyperpolarisability, coupled Hartree-Fock calculation 2—35182
atom, hyperpolarizability calc. by Hartree-Fock method 2—11955
atom, inelastic electron scatt., eikonal approx. 2—5859
atom, interaction with Li^+, dispersion forces, effect of intra-atomic electron correlation, calc. using double perturbation theory and one-centre method 2—8499
atom, ionization by collisions with He^+ in range 250-4000 eV cross sect. meas. 2—11975
atom, isolated line profiles in He arc plasma 2—35184
atom, least squares solution to Schrodinger equation by Monte Carlo method 2—30786
atom, level-crossing study using ion impact 2—38858
atom, low energy repulsive interaction potential 2—3006
atom, low-energy repulsive interaction potential determ. from integral elastic cross section 2—21551
atom, mean life meas. by Hanle effect on high vel. atoms excited in gaseous target 2—2997
atom, multiconfiguration wavefunctions, application of generalized Brillouin theorem 2—8424
atom, near threshold electron impact excitation n=2 states, study of trapped electron spectra 2—12041
atom, nonsymmetric perturbation calculations of excited states 2—38857
atom, ns^2 shell, multiconfiguration approx. 2—18284
atom, optical excitation functions 2—18362
atom, photoionization above n=2 threshold, determ. partial cross sections and ang. distrib. of ejected photoelectrons 2—31673
atom, positron scatt., heuristic theory 2—5874
atom, positron scattering cross sections, meas. in energy range 0 to 30eV 2—5811
atom, projected Hartree Fock method using general spin orbitals 2—24315
atom, proton and electron impact ionization, cross section meas. 2—5861
atom, radiative transition rates from 2p3p ^3P and 2p3d $^{1,3}D$ states 2—18361
atom, resonance ionization by fast electrons, calc. of autoionization states 2—12045
atom, role and amount of singlet triplet mixing calculated 2—5879
atom, slow positron elastic scatt., energy dependence of cross section 2—5887
atom, spectral lines, Stark broadening 2—15241
atom, structure obs. in total electron impact cross section using transmission spectroscopy 2—31689
atom, total scatt. of e^+, cross section meas. at 1 to 4 and 17 to 26 eV 2—24406
atom, transcorrelated method for accurate correlation energies using gaussian-type functions 2—35105
atom, unbound states and asymptotically correct bound states, least squares calc. 2—18355
atom, van der Waals constants and nonadditive triple-dipole force constants calc. by coupled H.F. approximation 2—28232
atom, zero-field level crossing used to measure upper-state lifetimes 2—28233
atom energy of $1s^2$ and $2s^2$ states from classical quantum condition for nonseparable systems 2—7666
atom transitions, calc. of electric quadrupole multiplet strengths, study length and velocity matrix elements 2—21549
atom-atom collisions, metastability-exchange cross section, 15-115K, temp. dependence, optical pumping expt. 2—31732
atom-atom collisions at very low energy, retardation effects 2—12048
atom-atom interactions, error bounds for R^{-8} dispersion forces 2—21553
atomic and molecular systems, collision with thermal electrons, meas. of superelastic transition rate coefficients 2—11999
atomic autoionizing states, coincidence obs. 2—38819
atomic beam, glory scattering by CH_4, N_2, O_2, NO, CO, CO_2, calc. using Lennard-Jones potential 2—3139
atomic beam scattering from W (112) surface 2—6334
atomic collisions in KeV region, meas. of diff. cross section for ionization processes 2—736

Helium continued
atomic collisions with Kr, impact theory predictions for shift and width of isolated electronic spectral lines 2—18339
atomic spectra, lines at optical wavelengths in recombination spectra of gaseous nebulae 2—13879
atoms, 2-6 keV beam collision in He stripping cell determ. metastable and ground state electron loss cross sections 2—12052
atoms, absolute cross sections for n^1P excitation by electrons calc. from spectral line intensities in uv region 2—5880
atoms, autoionizing states excited by collision with 10-130 keV H_1^+, H_2^+, H_3^+, excitation function determ. 2—12046
atoms, by 20-100 keV H^+, H, He^+ He beams, cross section determ. from spectroscopic analysis of emitted radiation 2—3000
atoms, collision processes, computer-based films generated from accurate a priori computations 2—2976
atoms, collision with C^{2+}, N^{2+}, O^{2+}. meas. of diff. scattering with one electron capture, 0.7-3.0 keV interp. of curve crossing 2—672
atoms, collision with CO, vibrational excitation of CO 2—871
atoms, collisions with H_2^+, ang. dependence of H(2p) and H(2s) formation 2—885
atoms, collisions with H_2, H_2 excitation cross section, calc. using close coupling equations in quasiclassical approx. 2—877
atoms, collisions with H_2, vibrational excitation of H_2, ang. distributions in eV region 2—876
atoms, collisions with H_2, vibrationally and rotationally inelastic differenital cross sections, exact quantum mechanical calc. 2—879
atoms, collisions with H atoms, translational absorption in transitory HeH molecule, line shape calc. 2—796
atoms, collisions with N_2, differential cross section, high resolution meas. 2—897
atoms, collisions with NO^+ ar 2 to 5 keV, NO^+ dissociation 2—895
atoms, collisions with Rb Na atoms, cross section calc. for spin relaxation in ground state 2—8457
atoms, cross section for inelastic $2^3S \rightarrow 2^3P$ collisions, quantum mechanical calc. 2—729
atoms, cross sections for direct excitation of 2^1S and 2^1P states by electron impact evaluated in first order approx. 2—24407
atoms, diffraction from LiF as evidence of ordered array of physisorbed ethanol 2—22080
atoms, dissociation of H_2 studied at 5500K using quasiclassical approx. determ. rate constant for reaction 2—21714
atoms, elastic and inelastic electron scatt., many-body calc. 2—698
atoms, elastic scatt. of fast electrons, calc. using Pade approximants 2—724
atoms, elastic scatt. of H^+, inversion problem 2—706
atoms, electron and proton scatt., simplified second Born approx. applic. 2—723
atoms, electron bombardment, angular distribution of electrons from two autoionizing states 2—12047
atoms, electron impact exciation, resonance structure in 2^1P inelastic channel, obs. in energy regions 19.3 to 24.6 eV and above 57 eV 2—728
atoms, electron scattering, time of flight beam meas. of total cross section 2—726
atoms, excited, singlet-triplet mixing 2—720
atoms, excited states in stationary PIG discharge 2—28665
atoms, head-on collisions with K^+, K^+ energy loss measurements 2—679
atoms, interaction with proton beam, meas. of excitation transfer implied by obs. of the population of 3^3D state 2—5882
atoms, interatomic correlation energy and van der Waals attraction 2—21552
atoms, ionization by proton impact, determ. differential and total cross sections 2—28216
atoms, large angle collisions with H^+, differential cross section meas. and interaction potential determination 2—710
atoms, low energy electron scatt., ang. distribution meas. 2—725
atoms, optical electron excitation cross section of 63 levels meas. at 100 eV, determ. distribution of excitation transfer 2—12042
atoms, Penning ionization effect on exptl. determination of ionization coefficients 2—2998
atoms, ratio of inelastic to elastic scattering cross sections for n=2 levels meas. over 30°-150° range for energies 82 and 200eV 2—28237
atoms, resonance excitation by electron impact and polarization of resulting radiation, meas. in energy range 55 to 63 eV 2—727
atoms, scattering cross sections, quantum statistics effects on velocity dependence 2—3007
atoms, simultaneous ionization and excitation by 200 eV electrons to N=4 level of He^+ 2—28235
atoms; single collisions with $^{6,7}Li^+$, fine strueture and hyperfine structure effects studied 2—5844
atoms, very low energy scattering, nonobservability of retardation effects, meas. of interatomic potential 2—24410
atoms electron impact meas. of polarization free vacuum uv excitation functions 2—5796
atoms excited by fast protons, determ. of excitation cross section ratios $\sigma_3 1_p/\sigma_4 1_s$ and $\sigma_3 1_p/\sigma_4 1_d$ and the polarization of 3^1P-2^1S transition 2—5883
B stars, abundance det. 2—7408
breakdown, 10.6 μ radiation, dependence on beam size and pulse duration 2—6118
burning massive star, anharmonic pulsations 2—33672
cold cathode glow discharge, Au electrodes, photoelectron processes 2—35618
collisional relaxation process for n=3 states, total loss rates determ. for normal atom collision 2—18351
collisions with W atomic oscillator, semiclassical calc. of transition probabilities 2—8500
Compton scattering using γ-rays, Compton profiles 2—35190
cosmic ray nuclei, interstellar propagation, differential kinetic energy/nucleon spectra 2—4764
cosmic rays, differential energy spectra over half solar cycle 2—17986
detector, quantitative, by detection of secondary electron emission from Cu or AgMg surfaces 2—27885
diatom, long range polarisability, coeff. calc. 2—8654
diffraction and scattering from WC surface 2—25174
diffraction from (112) planes of W 2—6406
discharge, frequency and strength of applied microwave electric field 2—18359
discharge, hollow cathode, electron energy distrib. 2—24859
discharge, Hopfield continuum, use in higher orders by applying Ar filter 2—32122

Helium continued
discharge, in Langmuir paradox region, electron energy distrib. and striation obs. 2—24860
electron energy distrib. function at cyclotron reson. 2—39108
electron scattering, rearrangement collision, eikonal approx. 2—18363
excitation by Li^+ ions $\pi' \Delta$ dissociation products, calc. of diff. cross sections for elastic and inelastic scattering 2—735
frequency shifting of cooled ruby laser by adding to vapour phase of liquid N_2 bath 2—34400
Galactic content, contribution from pulsationally unstable stars evolving inhomogeneously 2—23072
He^{++}, single charge transfer collisions with He, Ne, Ar, observed selection rule for exit channels 2—24409
in hot stars, importance in spectral classification 2—37288
hypersonic tunnel, hot wire meas. of freestream and shock layer disturbances 2—28717
interstellar, interaction with solar wind 2—14016
ion, collisions with Ar, Kr, Xe, analysis of ejected electrons 2—3003
ion, low energy injection in Ni alloys, surface struct. effects. 2—3498
ion implanted Pd, release obs. 2—12751
ionization cascades for electrons of $E \leqslant 2.5$ KEV, calc. of mean energy of electron ion pair formation, Fano coeff. and photon and electron spectra 2—21866
ions, 3P-state lifetime determ. from half-widths of r.f. signals 2—5878
ions, backscatt. and channelling obs. of Si:Yb 2—36054
ions, dechannelling in Si 2—36388
ions, in solar wind and corona, behaviour and abundances 2—33770
ions, n=3 state, $P_{3/2}$-$D_{3/2}$ splitting and crossing signals detection 2—5877
ions directly scattered by heavy nuclei, possible explanation for gross structure observations 2—14998
isoelectronic sequence, matrix elements of the Breit-Pauli hamiltonian and singlet triplet mixing 2—38855
isoelectronic sequence, radiative transitions 2—21548
isoelectronic sequence up to Fe XXV eigenvalues of bound states calc. 2—12038
low pressure, cylindrical hollow cathode in transverse magnetic field 2—21878
magneto-plasma, field free, relation between oscillation and perpendicular diffusion 2—8975
magnetoplasma, resonances in microwave emission 2—15484
metastable and unexcited helium-like ions Z from 4 to 8, determ. cross section for electron loss and capture 2—12043
migration and solubility in vitreous SiO_2 2—36083
molecule, potential curve for $2s\sigma^3\Sigma_u^+$ state 2—31802
multiphoton ionization, perturbation theory 2—35188
multiphoton ionization of excited atoms 2—35187
nonthermal plasma in hollow cathode discharge, excited level population, electron temp. 2—6060
Nova Delphini 1967 nebula, permitted line weakening in spectral range 5600 to 8800 Angstroms 2—13911
optically pumped discharge, cumulative ionization source of polarized electrons 2—12049
orthohelium, electronic levels investigated by collisional excitation in a plasma 2—12037
perturbed Li, violet satellite bands in spectra 2—38813
in planetary nebulae, triplet state population obs. 2—5057
plasma, absorption methods for measuring absolute concentration of metastable atoms 2—31954
plasma, afterglow, effect of elevated, time varying neutral gas temp. 2—24702
plasma, afterglow, validity of quasistationary state and collisional radiative recombination 2—3197
plasma, containing C impurities, pressure broadened profiles of C III and C IV lines 2—28188
plasma, cryogenic, afterglow obs. 2—24701
plasma, cusped, ion cyclotron resonance plugging and heating of cusped plasma 2—39137
plasma, decaying, electron conc. meas. 2—980
plasma, electrical conductivity det. in cascaded arcs, effect of deviations from LTE 2—28522
plasma, electron energy distrib. function and inelastic collision cross section 2—8921
plasma, excited atom population densities, determination by electron impact spectroscopy 2—28530
plasma, flux transportation by mag. field, to 100 kOe, broadening 2—31948
plasma, in coaxial accelerator, filamentary structure of shock driving current sheath, turbulence 2—35514
plasma, in cond. wall tube, ion density radial distribs., field fluctuations 2—21774
plasma, ion acoustic waves, externally excited, existence range 2—28625
plasma, laser produced, Stark profiles of forbidden and allowed transitions 2—6078
plasma, late afterglow, prod. in Kovarglass built discharge tube, emission study 2—6059
plasma, metastable densities 2—8922
plasma, recombining, spectroscopic study of early afterglow 2—24700
plasma, spectral line shapes, photoelectric recording 2—3191
plasma, Stark broadened resonance lines, difference in absorption and emission line shapes 2—8495
plasma, weakly ionized, acoustic wave generation in low pressure afterglow 2—12443
plasma afterglow, highly ionized, decay and electron density obs. 2—24676
plasma column, quiescent, production in skipping B-fields 2—24789
plasma fireball produced by CO_2 laser, structure 2—6091
plasma jet, thermodynamic state calc. from dimensionless parameter 2—18590
positive column discharge, homogeneous, theory 2—3263
primeval production, effect of temp. fluctuations 2—10788
pulsed discharge, electrical and optical measurements 2—35601
radio recombination lines in interstellar gas, ratio to H 2—33692
RR Lyr. stars in globular clusters, blue edges and He abundance 2—26738
shell flashes triggering envelope relaxation oscillations in red giants 2—13912
shock wave propagation producing ionization, velocities, electric field, densities and temp. meas. 2—35479
solar chromosphere, 10830 Å and Hα line spectroheliograms, supergranules and fine structure 2—37413
spectral line profile, λ=5876Å, afterglow emission obs. 2—18354

Helium continued
star, pure, 1.40 M_θ, ^{12}C does not ignite 2—33642
Stark broadening theory, exact line profile with model microfield 2—8430
stars, curves of growth and line profiles in early type 2—13904
stars, departures from local thermodynamic equilibrium in the neutral lines of early type 2—16994
stars, red supergiants of $15_\odot$, core He burning evolution 2—7420
stars of $5_\odot$, core He burning evolution 2—7421
stellar, hot main sequence B-type stars, importance of non LTE 2—37287
u.v. glow in night time ionosphere, ionizing effect at low and mid-latitudes 2—37213
v.u.v. emission from high density spark discharge, spectral radiant intensity saturation and self reversal and effects of voltage increases 2—32135
CO_2-N_2-He, Michelson laser interferometer, phase modulated Q-factor, relaxation processes 2—17688
CO_2-N_2-He mixtures, vibrational population inversions behind normal shock waves 2—24442
CO_2-N_2-He plasma, electrically excited spectrum from 4.2 to 5.5 μm 2—12118
CO_2+N_2+He, mixture, change of temp. with time determ. based on rot. structure of 0,0 band of N_2 2—1008
Co_2,He,N_2 mixture gas lasers, modulation by GaAs, CdSe, CdS and CdTe crystals 2—17668
Cs-He plasma, electrical conductivity obs. 2—24690
H/He ratio in Jovian atmosphere, calc. from obs. of occultation of β Sco 2—7523
H-He collisions at 10 to 35 keV, excitation of n=3 states in H 2—38849
H_2-He, mixtures test of linearity of spin lattice relaxation time as function of percentage of adulterant gas 2—8628
H_2^+-He collisions, dissociation of H_2^+ and formation of fast excited H atoms 2—31718
H_3^+-He collisions, dissociation of H_2^+ and formation of fast excited H atoms 2—31718
H-atom impact, 20 to 120 keV, Lyman-α radiation prod. 2—18311
^{2}H-^{3}He and ^{2}H-^{3}H mirror reactors, multi-species Fokker-Planck calculations 2—28579
H^++He, 6-150 keV, strong quasiperiodic dependence of autoionization shape parameters on projectile energy 2—12025
H_2+He, vibrational energy transfer 2—28433
He/H abundance ratio in dwarf blue galaxies 2—26625
He/H refrigeration plant fr big european bubble chamber 2—23188
He-Ar, He-Kr, He-Hg, He-Xe gas mixtures, optical breakdown threshold 2—35626
He-Ar, thermal recovery factors in supersonic flow of gas mixtures 2—39232
He-Ar mixture, vac. u.v. emission band spectrum 2—18401
$(He\text{-}Ar)^+$ system, coupling terms between energy curves computed for quasi diabatic states, ab initio calculations using LCAO-STO-MO-SCF approximation 2—669
He-Cd positive columm laser discharge, electron densities and drift velocities 2—28666
He-Cs, plasma, decay, luminescence flare up and population of Cs levels 2—977
13%He-87%H_2, 10000-25000 K, radiative intensity calc. 38911 2—38911
He-H^- atomic collision 0.47-20 keV, H charge fraction obs. 2—35181
He-H^+ collisions, formation of excited H atoms 2—31716
He-H^+ differential elastic scattering, inversion problem 2—666
He-H_2 collisions, absolute total scattering cross section meas. over relative velocity range of 2000-3000 m/sec 2—28430
He-He interaction energy, average energy approximation 2—18366
He-He interactions, dispersion forces, effect of intra-atomic electron correlation, calc. using double perturbation theory and one-centre method 2—8499
He^+-He collisions, 30-60keV, absolute cross sections for 2^1S, 2^3S, 2^1P, 2^3P excitations 2—5892
He^+-He collisions, He*(3p, 3P) excitation differential cross section, determination using ion-photon coincidence method 2—731
He^+-He collisions, rotational coupling effects on differential elastic and inelastic cross sections 2—733
He^{2+}-He, collisions, electron capture and excitation, transition probabilities 2—694
He-N_2-CO_2 laser, molecular, electron beam controlled method of pumping at high pressure 2—34392
He-N_2 binary gas mixture, viscosity and diffusion coeff. 2—32185
He-Ne, amplified spontaneous emission, beam divergence and spatial coherence 2—27443
He-Ne, laser, mechanical vibration noise 2—27473
He-Ne, low pressure discharge, dependence of electron distrib. function on discharge current 2—15444
He-Ne, mixture, field ionization, field adsorption 2—6382
He-Ne laser, contrast power resonances using methane absorption cell 2—27470
He-Ne laser, internal mirror, two-mode frequency stabilization 2—31034
He-Ne laser, limits of one frequency mode 2—31037
He-Ne laser, steady state amplitude fluctuations, natural spectral line width 2—31036
He-Ne laser with Hg cathode 2—27482
He-Ne mixture, laser transition $3s_2$-$3p_1$ 2—38814
He-Ne plasma, metastable densities 2—8922
He-Ne system, compressibility and virial coefficient 2—39274
He-Se laser, construction and performance rel. to He-Ne He-Cd and He-Zn lasers 2—27475
He-Te laser, new c.w. oscillation at 5708Å 2—31035
He-4, density, 14-54K 2—21899
He-like ion line emission in solar plasmas 2—37381
(He,H_2) collisions, 0.02-2MeV, determ. of cross sections for electron loss 2—739
(He,He) collisions, 0.02-2MeV, determ. of cross sections for electron loss 2—739
He- ion source, with expanded plasma, influence of extraction geometry 2—7898
He, metastable 2^1So, effect of elastic field quenching on transition rate 2—12039
He (2^3S) metastables, production and destruction in high pressure He afterglow 2—24404
He I, combined Zeeman and h.f. Stark effects, calcs. of various spectral lines 2—18359
He I, IC 418 emission spectra 2—4803
He I 4471 Å line and forbidden components, Stark profiles in laser produced plasma 2—39136

Helium continued

- He I absorption lines in HD45166 2—7430
- He I and II lines, ratio of forbidden companions in gun plasma, degree of turbulence 2—39170
- He I blue shifted absorption causing intensity minima in spectrum of Type I supernova of 1954 in NGC 4214 2—23077
- He I lines, absorption profiles, broadening 2—7427
- He I $\lambda 4471$ and Mg II $\lambda 4481$ lines in rapidly rotating, early B-type stars, effects of gravity darkening 2—37292
- He I triplet spectrum, in planetary nebulae, theory, interpretation 2—10838
- He II e.u.v. emission lines from Sun, 300-second oscillation 2—41223
- He II emission lines in HD45166 2—7430
- He II $\lambda 4686$ line in the star θ^1 Orionis C, inverse P Cygni profile, accretion of infalling material 2—41087
- He II spectra, n=4-5 and n=4-6 line complexes, obs. of relative positions intensities and widths in low temp. hollow cathode 2—31723
- He^-, ^2S autionization state, calc. using resonance quasi-projection operators 2—31729
- He^- ions, formed in collisions of metastable He atoms with He, Kr and N_2 2—12051
- He^+, charge exchange collisions at energies from 10 to 200 keV, formation of He metastables 2—5889
- He^+, collisional excitation of C $^2\Sigma_u{}^+$ state of $N_2{}^+$ 2—893
- He^+, collisions with Mg and Pb, selection rule for charge transfer 2—5891
- He^+, collisions with Mg and Pb, cross sections for electron capture and loss 2—5890
- He^+, collisions with Na and Mg, two-electron capture 2—5870
- He^+, elastic electron scatt., time-dependent Hartree-Fock treatment 2—24396
- He^+, fine structure splittings S-F, meas. using elec. field induced anticrossing signals 2—5876
- He^+, He^{2+}, recombination lines and continua in planetary nebula spectrum 2—20501
- He^+, ionization by electrons in merging beams 2—38822
- He^+, light emission of beam excited by cryst., channelling 2—15252
- He^+, n=4, fine structure splittings S-D, Lamb shift $P_{3/2}$-$D_{3/2}$ 2—12036
- He^+, n=5, electric field induced anticrossing, fine structure splitting 2—18357
- He^+, small angle charge exchange scatt. on N_2, meas. from 0.50 to 3.00 keV 2—5888
- He^+, spectral line broadening calc. 2—15242
- He^+, spin exchange collisions with Cs, cross section meas. 2—2970
- He^+, time-resolved spectroscopy of 4686 line to study simultaneous ionization and excitation of He by electrons 2—28235
- He^+ currents in exosphere 2—26522
- He^+ ion, MeV range, channelling in alkali halide, MgO, SrF_2 2—3754
- He^+ triplet line intensity, 2 ^3S metastable level 2—31721
- He_2, description of $3p\pi$, $^{1,3}\Pi_g \rightarrow 2s\,^{1,3}\Sigma_u{}^+$ band system, characterization of 2s, $a^3\Sigma_u{}^+$, $A^1\Sigma_u{}^+$ $3p\pi$, $e^3\Pi_g$ and $E^1\Pi_g$ states 2—12149
- He_2, dissoc. energy of $A^1\Sigma_u{}^+$ state 2—8655
- He_2, electronic structure of selected states 2—21613
- He_2, LCAO MO SCF calc. of first order perturbation internal energy terms 2—3135
- He_2, spin optimized SCF calc. of $^1\Sigma_g{}^+$ ground state 2—15308
- He_2 calc. of potential of lowest excited singlet state, determ. rotational and vibrational consts., dissociation energy 2—21612
- He_2 $X^1\Sigma_g{}^+$-$A^1\Sigma_u{}^+$, potential curves from continuous electronic spectra 2—38917
- He^{2+}, differential inelastic scatt. by Ne, cross section meas. and single charge exchange investigation 2—730
- He^{2+}, differential inelastic scatt. by Ne, cross section meas. and single charge exchange investigation 2—730
- $He_2{}^+$, dissoc. energy of $X^2\Sigma_u{}^+$ state 2—8655
- $He_2{}^+$, dissociative recombination of electrons 2—35259
- $He_2{}^+$, formation by associative ionization in a recombining plasma 2—24672
- $He_2{}^+$, molecular screening, variational energy calcs. and evaluation of semi-empirical method for choosing orbital exponents 2—8653
- $He_2{}^+$, photodissociation from $^2\Sigma_u{}^+$ state into $^2\Sigma_g{}^+$ and $^2\pi_g$ states, cross section calculation 2—795
- He_3, ground state binding energy considering mutual morse potentials 2—11306
- He_3, He_4 potential energy surface calc., SCF-LCAO-MO method 2—12309
- He_3 model, non additivity in intermol. forces, comparison of different calculation methods 2—3143
- $He_3{}^+$, SCF and CI calculations 2—35258
- He^+CO_2 collisions, dissociative charge exchange, differential cross section measurements 2—873
- HeI, influence of distant electron collisions on plasma broadened 4471.48 Å line 2—35183
- HeI 10830 angstrom line measurements for chromospheric mag. field 2—11142
- HeI lines, electron collision excitation functions, cross section variations 2—8497
- HeI singlet spectrum in nebulae, calc. of recombination coeffs. and intensity ratios 2—26644
- ^3He cryostat, direct access allows experimental sample without warming apparatus above 4.2 K 2—41371
- ^3He isotope, optically pumped, conservation of Hertzian coherence 2—721
- ^3He structure of 2^3P-2^3S_1 optical transition studied by emission of absorption spectroscopy 2—24402
- ^3He temps., vibrating sample magnetometer operation in high magnetic fields 2—21016
- ^4He, abundance on surface of magnetic neutron stars 2—30477
- ^4He, depolarization of metastable 2^3S_1 level by collisions with Ne 2—31727
- ^4He, meas. of electrostatic fine structure intervals 7^1D-7F, microwave optical determ. 2—18358
- ^4He atoms, excitation for X-ray spectroscopy 2—15216
- He^++Alkali atom, near resonant charge exchange cross sect., prod. of He excited final states 2—738
- $He+B^{3+}$ collisions, electron capture and total cross section meas. 2—661
- He^++CO_2, dissociative charge exchange, differential meas. 2—31730
- $He+H^+ \rightarrow H(2p)+He^+$ differential scattering meas. 2—702
- $He+H^+ \rightarrow H(2s)+He$ electron capture probability meas. 2—2990
- $He+H_2{}^+ \rightarrow HeH^++H$, reaction cross section enhancement by vibrational excitation of $H_2{}^+$, statistical phase space theory 2—16679

Helium continued

- He^++H, radiative charge transfer, semi-classical and quantal calcs. of rate coefficients 2—12031
- He^++HBr, emission spectrum obs., excited state prod., v=0 level in $A^2\Sigma$ state of HBr^+ 2—31883
- He^++HCl, emission spectrum obs., excited state prod., v=0 level in $A^2\Sigma$ state of HCl^+ 2—31883
- He+He system, intermolec. potentials from crossed beam differential elastic scatt. meas. 2—8861
- He^++He collisions, low energy inelastic differential cross sections, coupled-channel calculations 2—38861
- $He^++He \rightarrow He^++He(2^3S)$, inelastic differential scattering cross sections 2—732
- He*-Ar collisions, Penning ionization electron energy spectra 2—12055
- $He^*+H_2 \rightarrow HeH^++H+E$ chemiionization reaction studied using merged beam apparatus, 0.05-10 eV, relative cross section determ. 2—12054
- $He^*(1s2s\,^3S)+H(1s\,^2S)$, Penning ionization, determ. cross sections and molecular autoionization lifetimes 2—18365
- $He(1S)+H_2(B^1\Sigma_u{}^+)$, interaction potential determ. by ab initio calcs. to interpret energy transfer expts. 2—18546
- $He^+(1s)$, collision with H atoms, nonadiabatic electronic transition 2—648
- $He^+(1s)+H(1s) \rightarrow He^+(1s)+H(2p)$, excitation process, cross sections, multistate eikonal approx. 2—24383
- He(2S) singlet and triplet metastables, 150-1600 eV deexcitation by N_2, absolute cross section determ. 2—12053
- $He(2^3S)$ metastable, liquid-He configuration around this atom calc. using variational Jastrow function and Percus-Yevick eqn. 2—38859
- $He(2^3S_1)$, Penning ionization of O_2, HBr, HCl, vibrational and rotational excitation 2—21716
- $He(2^3S)+CO_2$, prod. of excited states of $CO_2{}^+$ and CO, spectral emission obs. 2—24445
- $He(2^3S)+He(2^3S) \rightarrow He(1'S)+He^++e$, binary collision kinetics, 6-120K 2—18367
- $He(2^3S_1)+He(2^3S_1) \rightarrow He(1^1S_0)+He^++e^-$ occurring in afterglow, spin-angular-momentum conservation demonstrated 2—12050
- He94α recombination line from HI region towards the K3-50 galactic nebula 2—33691
- Li^+-He colliding system, differential scattering meas. at 0.6-2.0 keV to determine if inelastic excitation occurs 2—734
- Li^+-He collisions, $600 \leqslant E \leqslant 2800$ eV, structure of cross section for charge exchange, oscillation with changing ion energy 2—737
- $Li^++He \rightarrow He^++Li$, oscillation of cross section of recharging 2—24833
- N_2-CO_2-He glow discharge, electron energy distribution and vibrational temperature obs. 2—24879
- N_2-He mixture luminescence spectrum 6500-11500 Å, excitation by 13 kev electrons 2—31809
- Na-He collisions, pressure broadening of NaI 5889Å and 5895Å lines by thermal and high temperature He 2—31669
- Ne/He streamer chamber, Lichtenberg figure ringing 2—21336
- Ne-He afterglow, electron density decay after cataphoresis 2—24677
- O/He, Si/He and Fe/He ratios enhancement during solar flares due to preferential acceleration 2—26897
- in QSOs, primordial abundance, predicted correlation with absolute luminosity 2—13950

gas

- absorption coeff. and phase velocity meas. up to 5.10^4 MHz/atm. 2—6159
- adosprtion on Cu and Ar-plated Cu, binding energies, meas. by time-of-flight diffusion method 2—18953
- adsorption by metals, atom probe field ion microscope obs. 2—9427
- adsorption on rare-gas plated graphite, analysis of single particle quantum states 2—15674
- afterglow, molecular ion dominated, recombination and ionization 2—28672
- afterglow with traces of N_2, atomic nitrogen excitation 2—28194
- alpha particles $0.5 \leqslant E_\alpha \leqslant 2$ MeV, atomic stopping cross section determ. 2—21534
- arc, effect of diffusion, resonance line absorption and collision excitation on line intensities and temp. 2—24940
- bombarded with Li^+ ions, 10-75keV, spectral scan from 200-600 nm., obs. of doubly excited LiI levels 2—5801
- breakdown, due to laser beam focusing on Pb, Cu, Al, pulse holography obs. 2—12475
- breakdown, Nd:glass laser induced, used in pulses or mode-locked trains of pulses 2—24895
- breakdown induced by laser pulse, plasma temperature meas. by soft X-ray continuum emission technique 2—32033
- bubbles formed in slightly irradiated B_4C pellet 2—3755
- compressed polarized, for nuclear bombardment targets 2—34762
- dc-induced second harmonic coefficients 2—24984
- diffusion and solubility in ice 2—9620
- diffusion in B_2O_3, desorption rates, diffusion coeffs., activation energies 2—3819
- diffusion in quartz, gas release monitoring 2—9627
- diluent, in HF chemical laser 2—21076
- discharge, hollow cathode, spectroscopic investigation of electron temp. and concentration 2—28660
- discharge, sparking voltage reduction due to mag. field parallel to electrode axis 2—9006
- electron drift, depend. on density, temp. and field 2—18695
- electron swarm properties across uniform electric fields 2—32143
- energy accommodation coefficient at solid W surface calc. using simple model 2—28994
- flow, sorption, through hydroxyapatite compacted powder membrane, 77-303K 2—39554
- flowmeter, for dilution refrigerators 2—33820
- gas target, ejection of secondary electrons in collisions with 200-500 keV protons 2—12057
- hollow cathode discharge, magnetic field effects 2—32118
- hypersonic tunnel, air condensation effects 2—6138
- ionizing particle per ion pair energy meas., Penning ionization, non-metastable excited states 2—28234
- isotopic composition in carbonaceous chondrites 2—7541
- laser with premixed gases of SF_6 and H_2 or D_2, self pulsed high PRF to more than 100 kHz 2—23579
- leak detection with better sensitivity than mass spectrometer detector 2—30740
- leak rate through thin polycarbonate film 2—3816
- in meteorite, Assam, rel. abundance 2—1998
- mixtures with O_2, determ. of vibrational relaxation times from sound absorption meas. 2—38932

Helium continued
gas continued
n=3 states, collision relaxation by associative ionization 2—15251
n=3 states, collision relaxation processes, excitation transfer by normal atoms and by electrons 2—18364
nuclear reactor coolant, comparison with CO_2 2—28151
output power enhancement effects in neutral Ar laser 2—7914
plasma, CO_2 laser produced, mag. field dependent breakdown 2—32053
positron annihilation rate, temp. dependence determ. by solving Boltzmann diffusion eqn. 2—28229
prebreakdown ionization growth, contribution of Penning ionization of impurities 2—24831
random walk theory of elastic and inelastic time dependent collisional processes in electric field 2—18711
Saturn atmosphere, microwave brightness temperatures, He:He mixing ratios 2—26848
solubility in liquid Na, as function of temp. and press. 2—6213
stars, thermal stability of a He-burning shell in red supergiant stars of 15 solar masses 2—10867
thermal conductivity obs. in 50-350°C range and 100-1000 kg/cm^2 2—6163
threshold breakdown fields at high pressure, ruby laser induced 2—24896
turbulent jet meas., hot-wire anemometry and digital techniques appl. 2—24971
viscosity and thermal cond., high temp. calc. 2—18770
Ar-He mixtures, shock wave velocity distribution functions, electron beam fluorescence obs. 2—24962
CO_2-He-ethylene systems, immiscibility at 13 to 70°C and up to 5kb 2—12503
Cd-He, laser, low noise output, segmented bore 2—5359
$^2H^+$ mobility in, obs. by four gauze electrical shutter method 2—24837
He:Ne laser, intensity correlation near threshold 2—21112
He-Ar, determ. of binary diffusion coeffs. as function of temp., pressure and conc. 2—9045
He-Ar, dilute solutions, far. i.r. absorption spectrum arising from collision induced dipole moments 2—9136
He-Ar, He-N_2 and ^{4}He-^{3}He mixtures, diffusion coeff. temp. dependence determ., 300 to 800 K 2—21927
He-Ar gas mixture, translational absorption spectra computed 2—5791
He-Ar mixtures, thermal cond. 2—6156
He-Cd dc discharge, Penning ionization, properties 2—3249
He-Cd hollow-cathode laser characts. 2—27484
He-Cd lasers, using recirculation geometry 2—21074
He-Cd metastable energies, state populations, Penning process 2—3250
He-Cd vapour lasers 2—23580
He-H_2 gas-plasma interaction, excitation transfer 2—35189
He-H_2 system, mutual diffusion coefficients, meas. from 77 to 920 K 2—9044
He-N_2-methane mixtures, determ. exptl. isenthalps and Joule Thomson coefficients 2—24980
He-N_2 mixture losses through ion- sampling orifice 2—39213
He-N_2 mixtures, discharge, cataphoresis and nitrogen- removal processes 2—12466
He-N_2 positive column, cataphoresis and N_2 removal processes 2—24878
He-NH_3-N_2 system, immiscibility at 90 to 140°C and up to 3kb 2—12503
He-Ne, internal-mirror lasers, polarization props. at 6328 Å 2—23595
He-Ne, laser, cw at 88 THz, absolute frequency measurement 2—17174
He-Ne gas laser, oscillation frequency stabilization, by comparison with r.f. standard 2—17604
He-Ne laser, alignment system 2—14409
He-Ne laser, dispersion characteristics at 3.39 μm 2—23598
He-Ne laser, effect of the method of introducing losses on the competition of the two modes 2—14407
He-Ne laser, freq. fluctuations due to acoustic noise 2—23596
He-Ne laser, frequency composition as a function of cavity eigenfrequencies 2—7923
He-Ne laser, frequency stabilisation of unmodulated output 2—11461
He-Ne laser, in strong magnetic field, plasma generation 2—2386
He-Ne laser, interaction of Ne $3s_2 \rightarrow 2p_4$ and $3s_2 \rightarrow 3p_4$ transitions in travelling wave regime 2—23597
He-Ne laser, intercavity metastable meas. 2—5353
He-Ne laser, laboratory construction of multilayer dielectric mirrors 2—14416
He-Ne laser, methane-stabilized, freq. stability 2—14417
He-Ne laser, method for stabilizing frequency using Lorentzian absorption profile in an external gas cell 2—14418
He-Ne laser, mode selection method, saturation effects 2—17605
He-Ne laser, mode selection using saturable absorber 2—7933
He-Ne laser, temp. effects 2—27485
He-Ne laser discharge, excitation transfer between excited He atoms and Ne 2—17603
He-Ne laser emission, 100% modulation 2—2419
He-Ne laser tube, gain distribution meas. 2—7932
He-Ne laser with homogeneously broadened line, competition between two axial modes 2—27483
He-Ne lasers, frequency stabilisation and instability meas. 2—14419
He-Ne ring laser, single isotope 2—21073
He-Ne system, diffusion coeff., conc. depend. 2—24987
He-SO_2 mixtures, d.c. discharge, positive ion sampling and dissoc. of SO_2 2—15506
He-Xe laser, amplitude characteristics 2—23599
He-Zn hollow-cathode laser characts. 2—27484
He-air-CH_4 laser, d.c. discharge induced CO emissions 2—2387
HeNe laser, mode coupling, obs. 2—14410
^{4}He, h.f. depolarized light scatt. 2—12597
^{4}He gas, device for production 2—24972
He+^{114}Cd mixture for exciting scattered-light spectra 2—23594
N_2-He mixtures, effective rate coeffs. for N_3^+ and N_4^+ form. 2—6010
SF_6-He mixtures, stimulated concentration scattering 2—28860
Xe-He laser, high pressure, high repetition rate 2—17582
Xe-He mixtures, stimulated concentration scattering 2—28860
liquid
see also Quantum fluids; Statistical mechanics/quantum; Superfluidity
boiling heat transfer in long narrow channels 2—37885
configuration around He(2^3S) metastable atom calc. using variational Jastrow function and Percus-Yevick eqn. 2—38859
critical behaviour in multicomponent systems, high temp. series expansions 2—5157
critical behaviour of model with coinciding phase transitions 2—14134
critical sp. ht. scaling 2—3425

Helium continued
liquid continued
cryostat, automatic level controller 2—26991
dewar vessel eliminating problems of air crystallization 2—23189
drop, macroscopic quantum effects 2—6270
electron surface states inside and outside liquid meas. of lifetimes 2—39406
evaporation of neutral atoms stimulated by heat pulses 2—6276
excitation spectrum from small angle scattering of nuclear γ-rays 2—22021
excitation spectrum near λ transition, Mossbauer obs. 2—12608
excited state, above phonon-roton spectrum, neutron scattering and Raman diffusion investigation 2—15620
film profile meas. on gold substrate at 2.13 K and quartz substrate at 2.10 K 2—3419
films, superfluid, two fluid model analysis of liquid vapour equilibrium 2—3424
fundamental liquids, book 2—39323
Galilei invariance and superfluidity 2—39413
heat transfer to boiling liquid in poen pools and channels 2—6269
interface with metal, Kapitza resist. 2—36361
Kapitza resistance at interface with solid, Fermi- gas model 2—35810
kinematics of excitation pair contributions to dynamic structure 2—106
microscopic and phenomenological theory connections 2—1128
neutron scattering, high-energy, application of correction terms to impulse approximation 2—25125
nonuniform states of an imperfect Bose gas 2—30820
nucleate boiling heat transfer, in vertical tube 2—3422
phonon interactions, Hamiltonian investigated 2—9195
phonon roton interaction Hamiltonian construction 2—28927
review of fundamental properties 2—1127
rotons, neutron scattering 2—28925
scintillation under pressure from 4.2>T>1.3K 2—1130
scintillation under pressure with 2>T>0.3K 2—1131
submonolayer, heat capacity 2—28926
superfluid, analogue of d.c. Josephson effect 2—32300
superfluid, bound roton pairs 2—12605
superfluid, construction of kinetic theory in agreement with hydrodynamics, determ. transport coeffs. in collision-time model 2—25133
superfluid, criticism of single particle Green function approach to excitation spectrum 2—12602
superfluid, dynamics of atomic and molecular metastable states produced by electron bombardment 2—32299
superfluid, electron-bombarded, u.v. emission spectrum 2—12604
superfluid, in narrow bore, equations of motion 2—6275
superfluid, roton viscosity and roton roton interactions 2—32298
superfluid, stochastic theory of nucleation of quantized vortices 2—6272
superfluid density, low temperature dependence in a restricted geometry 2—25131
superfluid density and critical velocity, persistent current meas. 2—12606
superfluid phase transition, development of theory based on roton-roton interaction 2—9199
superfluidity, low and ultralow research, at Sussex, Cambridge, and Birmingham Univs. 2—41362
superfluidity, report on vorticity 2—12607
surface elementary excitations 2—22028
surface wave, weakly damped 2—20877
thin films, phonon interference above 100 GHz using superconducting tunnel junctions 2—19319
vortex wave scattering by spherical impurity 2—1132
He I, h.f. depolarized light scatt. 2—12597
He II-He I transition temp. discrepancies 2—35811
He II, analogous effect to Peltier effect in metals 2—28928
He II, flow with small superfluid velocity 2—39410
He II, general theory, Bogoliubov model and excitation 2—12599
He II, ion motion 2—12603
He II, Landau's two-fluid model 2—39408
He II, liquid-solid phase transition shown to result from instability of roton mode 2—25130
He II, neutral excitations propag. 2—39409
He II, neutral excitations from immersed tritium source 2—6274
He II, phonon lifetimes 2—6273
He II, quasi-particle scattering from impurities in an imperfect Bose gas 2—30821
He II, rotating, vortex wave creation theory 2—22024
He II, roton-limited mobility of ions 2—6271
He II, temp. dependence of vortex-core parameter 2—22027
He II, thermally assisted escape of ions from vortices 2—25129
He II, tunnelling from electronic bubble states through liquid-vapour interface 2—12600
He II, vortex core parameter, press. depend. 2—22023
He II application of macroscopic quantum uncertainty principle to flow, study of 3rd sound 2—9197
HeII, increase in attenuation of second sound in an annulus 2—9198
^{3}He-^{4}He, tricritical pt., Blume-Emery- Griffiths model 2—33935
^{3}He-^{4}He dilute mixtures under pressure, supermobility and zero sound 2—32295
^{3}He-^{4}He mixtures, lattice model for superfluid phase transition and phase separation 2—25128
^{3}He-^{4}He mixtures, osmotic pressure 2—9193
^{3}He-^{4}He mixtures, pressure-temp-density relations near liq.-vapour critical point 2—22025
^{3}He-^{4}He mixtures, pressure and density meas. along boiling and dew curves 2—22026
^{3}He-^{4}He mixtures, scaling approach to superfluid and phase-separation transitions 2—23304
^{3}He-^{4}He mixtures, sp. ht. near tricritical pt., lambda anomaly 2—15622
^{3}He-^{4}He mixtures, specific heat near junction of λ and phase separation curves 2—1129
^{3}He-^{4}He mixtures, thermodynamic relationships at tricritical point 2—28930
^{3}He-^{4}He refrigerator, cycling cascade design 2—2047
^{3}He-^{4}He solutions, dilute, effective viscosity between 20 mK and 1K 2—22020
^{3}He, ^{4}He submonolayer films, specific heat meas. at 0.04 to 4.2K 2—32292
^{3}He, means of inelastic Raman scattering intensities 2—9194
^{3}He, metastable, specific ht. meas., obs. of lifetimes following cooling at constant density 2—3421
^{3}He, n-body clusters, cancellation effect 2—12596

Helium continued
liquid continued
^{3}He, nearly saturated solutions in Superfluid ^{4}He, growth of ^{3}He layers from surface 2—12595
^{3}He cryostat for nuclear orientation by adiabatic demagnetization with superconducting solenoid 2—30720
^{3}He in ^{4}He, superfluid solns., low temp. thermodynamic props. 2—1134
^{3}He interface with solid, Kapitza resist., bound state effects 2—32296
^{3}He polarized targets, possible production using adiabatic compression method 2—34761
^{4}He-^{3}He dil. metastable solns., diffusion due to α-particles 2—32293
^{4}He-^{3}He refrigerator, ^{4}He circulation 2—2046
^{4}He, ^{3}He-^{4}He mixtures, lambda point meas. of $\eta\rho_n$ 2—32294
^{4}He, above and below λ-transition, laser- induced breakdown, influence of impurities 2—18865
^{4}He, bound states of elementary excitations 2—37653
^{4}He, coherent-state representation of elementary excitations 2—35809
^{4}He, correl. energy, three-body force effect 2—9192
^{4}He, density matrix at low temperatures 2—32297
^{4}He, diffusion of ^{3}He isotopes, obs. using thermal neutrons 2—25126
^{4}He, electron mobility on surface, meas. from 0.9 to 3.2K 2—3420
^{4}He, heat capacity anomaly near λ transition, density depend. 2—25127
^{4}He, ion mobilities near superfluid transition and melting line 2—18866
^{4}He, meas. of inelastic Raman scattering intensities 2—9194
^{4}He, measurement of emitted kaonic X-rays 2—3013
^{4}He, pair potentials, Monte Carlo ground-state energy calc. 2—12594
^{4}He, physical system, relationship of properties to those of hard core Bose Einstein system 2—17267
^{4}He, structure factor from X-ray scattering data 2—12593
^{4}He, submonolayer films, remnant Bose condensation, verification 2—12598
^{4}He, superfluid, attenuation and velocity of sound, calc. 2—18868
^{4}He, superfluid, light scattering from density variations generated in sound modes by thermal transducer 2—18869
^{4}He cryogenic bath with temp. gradient and coexistence of superfluid and normal phases 2—2045
^{4}He films, thick, sp. ht. maxima, superfluid phase transition phenomena 2—9196
^{4}He in dilute mixtures of ^{4}He in ^{3}He, superfluid film appearance and effects of molar concentration 2—22022
^{3,4}He, ground state properties studied using lowest-order variational theory of hyperonic matter 2—18070
neutron scattering at large momentum transfer and condensate fraction 2—1133

liquid, sound propagation
see also Second sound; Zero sound
fourth sound technique for determ. temperature dependence of superfluid density in restricted geometry 2—25131
phonons, acoustic, dispersion investigated 2—9195
second sound vel. decrease rel. to mutual friction force 2—18867
u.s. attenuation meas. for pressures from 0-24.7 atm., comparison with theory 2—39407
films, thick and thin, study of onset and absorption of 3rd sound 2—9197
He II, Brillouin components, of first and second sound, intensity ratio 2—35813
He II, first sound, positive linear dispersions in velocity 2—12601
He II, uniformly rotating, coupling from second to first sound 2—35812
^{3}He-^{4}He, solution, second sound excitation 2—15623

solid
charge-carrier mobilities 2—39411
cooling by adiabatic magnetization 2—39412
electron mobility, pressure effects 2—25134
equation of state, harmonic approx. 2—40032
h.c.p., anharmonicity, Bragg refls. in neutron and X-ray scatt. 2—16017
negative ion structure and mobility 2—6277
P-T melting curve, exptl. determination 2—9209
phonon spectral functions and ground state energy in bcc phase 2—35814
He II, liquid-solid phase transition shown to result from instability of roton mode 2—25130
^{3}He, b.c.c., lattice dynamics short range correlations, calculations using T-matrix method 2—9200
^{3}He, correlation function, improved variational equation 2—3423
^{3}He, dipole-energy autocorrel. functions, nucl. spin relax. 2—15625
^{3}He, evidence for new phase 2—32303
^{3}He, heat pulse propag., umklapp processes, second sound 2—18871
^{3}He, meas. of inelastic Raman scattering intensities 2—9194
^{3}He, n.m.r. relax. rates, spectral density function 2—32301
^{3}He, pressure due to magnetic ordering 2—18870
^{3}He, quantum crystal, interior of neutron stars 2—30478
^{4}He, b.c.c. solid, inelastic neutron scattering, Debye-Waller factor, phonon interaction processes 2—35815
^{4}He, meas. of inelastic Raman scattering intensities 2—9194
^{4}He, onset of ballistic flow of phonons temp. pulse technique, 1st sound velocities 2—15624
^{4}He, sound velocity, phonon lifetime, stimulated Brillouin scatt. obs. 2—16585
^{4}He b.c.c. single crystal, inelastic neutron scattering expts., determ. dispersion relation, elastic constants 2—25135
^{4}He monolayers, Debye temperatures and 'melting' anomalies 2—32302

Helium-3
production with hypernucleus by K$^-$ reaction at 1.5 GeV/c studied 2—38621
^{3}He^{2+} beam, acceleration and extraction from Van de Graaff accelerator 2—11694
^{3}He cryostat, right angle, incorporating high field superconducting solenoid 2—5099
^{3}He evacuation from dissolving cryostat using a condensation pump, 0.06K 2—37526
^{3}He in photosphere of ρ Leonis 2—4857
^{3}He polarization analyser, construction resolution and efficiency 2—8240
^{3}He target, construction for low energy scattering expts. 2—11654

interactions
$_\gamma{}^3He \to K^+{}_\Lambda{}^3H$, current algebra study 2—18094

scattering
No entries

Helium compounds
HHe$^+$ and HHe^{2+}, ground state energy calc. by double perturbation theory with screening const. 2—8635

Helium compounds continued
HeH, interaction potential and hyperfine shift as function of internuclear distance 2—21611
HeH, translational absorption, line shape calc. from dipole moment and potential curve 2—796
HeH$^+$, dissociation in collisions with H$_2$ and N$_2$ at 520 to 1025 keV, cross section meas. 2—886
HeH$^+$, Franck Condon factors for bound state-continuum transitions 2—8656
HeH$^+$, isotopic, collision induced unimolecular dissociation 2—887
HeH^{2+}, 1sσ state, geometric-mean wave function 2—35257
HeH$_3{}^+$ potential energy surface, ab initio calculation 2—18436
HeH$^+$+H$_2$=He+He$_3{}^+$, low energy reaction paths determ. using SCF and CI calculations 2—18436
HeNe, distortion of atoms, study by nonorthogonal least distorted localized molecular orbitals in restricted H-F approx. 2—21610
HeO$^+$, potential energy surfaces for low lying electronic states, molecular orbital calcs. 2—15307
HoFe$_2$, Mossbauer effect, quadrupole shift ^{57}Fe site 2—10318

Hellmann-Feymann theorem *see Quantum theory*

High-pressure phenomena and effects
see also High-pressure techniques
concrete reactor pressure vessel models, mode of rupture under internal gas pressure 2—15152
ferromagnetic minerals and rocks, effect on changes in isothermal residual magnetization and coercive force 2—33561
fluid heat transfer at supercritical pressure in curvilinear channels 2—186
garnet and perovskite synthesis 2—17041
gas laser operation 2—11462
gases, thermal cond. meas. up to 1000 bars, coaxial cylinder method 2—12508
hydrated electron, diffusion- controlled reactions, pulse radiolysis measurement of reaction rate 2—37060
inert gas solid, compressive metallization 2—19498
ionic crysts., melting point rel. to press., Ida theory 2—35823
liquid phase conversions obs., photometer design, visible and i.r. spectral operation 2—38080
liquids, organic, shock compressed, opacity, absorpt. spectra 2—35770
metals, shock vaporization, rel. to equation of state determ. above 200 kbar 2—22044
n-paraffins, phase relations 2—15629
polyethylene, analogies between chain-folded and extended-chain crystallization at 5 kbar 2—9369
polyethylene, rheology 2—15857
polymers, solid amorphous, dielectric relaxation 2—6877
pyrene soln. in toluene, excimer fluorescence, pressure dependence up to 10 kbar 2—15596
radioactive decay const. depend. on pressure 2—14962
rare earth compounds, magnetic properties 2—5100
solid decomp. and polymorph form. 2—33821
transition metal oxides, metallic transition 2—30729
vapour-liquid equilibria, calculation with perturbed-sphere equation of state 2—22037
viscoelasticity of liquids, up to 1400 MN/m^2 2—39307
Al, yield point, temp. depend. 2—19182
Al alloy, effect on ageing kinetics 2—15913
As, Fermi surface, giant quantum oscillations, u.s. absorpt. 2—1462
Au, hardening, vacancy formation vol. 2—15898
Ba, superconductivity, 100-200 kbar 2—22508
Bi-Sn alloy, metastable phase BiSn, formation kinetics, Mossbauer cond. obs. 2—9794
Bi, superconductivity, 100-200 kbar 2—22508
Ca$_2$GeO$_4$, stability relations, Bridgmann anvil obs., 500-1170°C 2—19300
Cd$_x$Hg$_{1-x}$Te, electron mobility, hydrostatic pressure 2—10009
Co$_3$B$_7$O$_{13}$I, ferroelectric phase transition, sp. ht. anomaly, press. effect 2—25926
Cu-Ni alloy, interdiffusion, void form., marker movement, press. effects 2—39738
Cu, yield point, temp. depend. 2—19182
CuI, polymorphism 2—3989
Fe-Co-V alloy, plastic deformation, $\gamma \to \alpha$ transformation 2—9806
Fe-Mn alloy, b.c.c.→(h.c.p., f.c.c.) transform., influence of shock and hydrostatic press. 2—32769
Fe-Zn system, reactive diffusion, phase formation 2—12996
Fe, yield point, temp. depend. 2—19182
Fe$_2$O$_3$-Fe$_3$O$_4$-liquid equilibrium conditions at oxygen pressures up to 53 bar 2—9808
GaAs, cond., Hall consts., forbidden band width, carrier mobility 2—36506
InSb:Se, Te, S, heavily doped, mobility 2—10020
n-InSb, scattering on short-range potential centres 2—10021
KCN IV, cryst. struct. at 50 kbar 2—12726
Li$_2$MF$_6$, M=Ge, Ti, Sn, Zr, high pressure structural evolution 2—25632
Mg(OH)$_2$, brucite, exaggerated grain growth, high temp. 2—1215
NH$_4$HF$_2$, melting curve, polymorphism 2—25141
NaClO$_3$, n.q.r. of ^{35}Cl, press. and vol. depend., press. to 20 kbar 2—40791
Ni-Zn system, reactive diffusion, phase formation 2—12996
Ni, linear compressive strain, press. depend. to 20 kbar, phase transformations 2—9818
Pb, superconductivity, 100-200 kbar 2—22508
Pd, linear compressive strain, press. depend. to 20 kbar, phase transformations 2—9818
Pt, hardening, vacancy formation vol. 2—15898
RbAg$_4$I$_5$, press. effects, elec. resist., press. to 100 kbar, 293-453K 2—36285
Re-O system, Re$_{1\|x}$O$_3$ phase characterization 2—25346
ReC$_x$, synthesis, struct., supercond. 2—19057
SbSI, ferroelec. phase transition, soft modes, Raman scatt. obs. 2—16564
Te, press. coeff. of resist., rel. to pressure sensor appl. 2—20780
Te, valence band transformation under pressure, Shubnikov-de Haas effect obs. 2—10052
TiN, pulsed compression, electron energy spectra 2—36532
U-7.5 wt.%Nb-2.5 wt.%Zr alloy, elastic consts. rel. to press., 1 bar-18 kbar 2—32580
Zn-Mg-Al system, constitution, metallography, magnetothermal and X-ray obs. 2—4025

High-pressure techniques
see also High-pressure phenomena and effects
air driven oil-pump, valve and connector for 20 kbars 2—41373

High-pressure techniques continued
Bridgmann anvil for phase transformation meas., internal heating system 2—19300
bulk modulus test rig for compressibility obs. of composite materials 2—22316
capacitor discharge-powered mag. pinch use for 300 kbar prod. in solids 2—33821
cell with 10 electrical leads for liquid hydrostatic pressures to 60 kbars 2—26994
clamp type apparatus using small Bridgman anvil, operation at liq. He temp. 2—33823
compressible gasket and Bridgman anvil apparatus 2—33822
constant volume valve, pneumatically operated for pressures to 1400 bars 2—23193
crystal, linear isothermal compressibility, X-ray obs. 2—3859
device for fatigue strength testing in water and steam at h. temps. 2—19223
electrical conductivity and magnetic permeability measurement of conductors at high temperatures and pressures 2—37531
electrical feedthroughs 2—20765
electrical resistance measurement, in closed pressure apparatus 2—2324
electrical resistivity determination at high temperatures and pressures 2—37528
extrusion apparatus, differential hydrostatic, for press. to 100 kbar 2—36221
furnace, cylindrical, computation of temp. distribution 2—27327
gas compressor, hydraulic, lubricant free, press. to 20 kbar 2—37530
gas compressor design for cryst. growth 2—25252
gas equation of state meas., constant vol. piezometer with internal heating 2—18755
high temperature, for noncondensed phase equilibria studies, book 2—41361
inertia and sensitivity relationship for pressure meas. systems 2—23229
i.r. spectroscopy using diamond-window cell 2—14474
isentropic compression to megabars using magnetic field coupled to explosive 2—7633
liquids, cell for study of i.r. absorption spectra up to 1600 bar 2—2468
magnetic measurements, application of Faraday method 2—2337
multiple-anvil sliding system 2—37529
n.m.r. apparatus for obs. of spin lattice relaxation times 2—37864
n.m.r. studies of liquids, probe 2—18854
optical vessel for gases and liquids at elevated pressures and temperatures 2—37532
plug for testing tubes by internal pressure 2—23191
pressure vessel evaluation by volume change under hydrostatic load 2—14053
production of up to 40 Kbar at temperatures up to 1700°C 2—20781
refrigeration of apparatus for high pressure Mossbauer studies 2—30724
review illustrated by effect of high pressure on magnetic properties of substances 2—5100
spectrophotometer cell, catalyst identification 2—16707
spectroscopy for crystallographic axes determ. in single cryst. 2—15683
spherical vessel with compression liquid 2—30729
tensile loading test structure in hydrostatic pressure environment 2—17136
X-ray camera, power patterns, compression up to 200 Kbar 2—19028
X-ray camera, two-film cassette 2—25301
Si Zener diode as transducer for high press. meas. in gaseous H_2 at 15000 atm. 2—20782
High-speed photography *see Cinematography; Photography/high-speed*
High-temperature phenomena and effects
see also High-temperature techniques; Refractories
ferromagnetic minerals and rocks, effect on changes in isothermal residual magnetization and coercive force 2—33561
gas ionization, spontaneous 2—18696
gases, thermal conductivity meas. up to 700°C, coaxial cylinder method 2—12508
high-strain fatigue life temp. depend. in parameter represent 2—39825
in-core self-powered neutron detector performance 2—15172
refractories, thermal conductivity 2—19445
solid state chemistry, conf., Gaithersburg, USA, Oct. (1971) 2—9326
steel, fracture damage, rest period effects 2—39841
steel superheater tubes, low cycle fatigue behaviour 2—39933
thermal fatigue, rel. to material behaviour in power plant 2—39819
thermal fatigue under multiaxial thermal stresses 2—39820
thermal stresses and fatigue, conference, Berkeley, England (Sept. 1969) 2—39753
Er_2O_3, enthalpy and specific heat, obs. using method of mixtures 2—29556
Mo electrodes, thermoelectric props. 2—29763
Sf$_6$, dissociation and subsequent ionization, products formed at 1000-20,000°K and 1-10 atm. 2—6103
ZrC emissivity, monochromatic 2—6694
High-temperature techniques
see also High-temperature phenomena and effects
calorimetry, gas temperature meas. 2—27341
constant stress continuous load compression creep machine for small single crystals 2—36193
dielectric thermal properties, application of periodic temp. oscillations 2—6675
electrical conductivity and magnetic permeability measurement of conductors at high temperatures and pressures 2—37531
electrical resistivity determination at high temperatures and pressures 2—37528
electron microscope, heating of object for observations at temperatures up to 3000°C 2—34323
flame fusion furnace for cryst. growth 2—25262
furnace design for studying refractory oxides 2—30719
gas equation of state meas., constant vol. piezometer with internal heating 2—18755
heat-pipe oven, two-metal, for spectroscopy 2—8044
high pressure, for noncondensed phase equilibria studies, book 2—41361
hygrometer testing 2—26484
Mossbauer experiments, furnace for use with high field 2—22733
nuclear reactor, gas-cooled, graphite fuel elements 2—21468
optical vessel for gases and liquids at elevated pressures and temperatures 2—37532
photographic pyrometer, IF-87 radiance temp. measurement 2—27332
r.f. furnace using cylindrical cavity resonator 2—37525
rotary furnace, axially heated by transferred arc jet plasma 2—37524
scanning electron microscopy, instrumentation for 1600°C op. 2—37912
High-temperature techniques continued
spectrophotometer cell, catalyst identification 2—16707
strain gauges mounted on foil, bonded by contact welding, measurements over 500 C 2—27032
thermal diffusivity apparatus, 2700C 2—19462
tubular specimen testing under combined action of internal pressure and axial load 2—19225
X-ray Debye cameras and diffractometer attachments 2—3638
B_2O_3 molten, density obs. by hydrodynamic weighing 2—6217
C, pyrographite, thermal conductivity obs. 2—6689
Fe I, Fe II, oscillator strength obs. using shock tube emission spectroscopy between 6900 and 8900°K 2—18280
W, as thermal neutron flux monitor 2—8239
High voltage techniques
electron microscopy, applications at Berkeley, USA 2—3673
electron microscopy, in Europe, survey 2—3674
electron microscopy, optimum diffraction conditions 2—3676
electron microscopy, scanning transmission 2—3675
electron microscopy, theory, review 2—29129
h.f. ion sources for protons for van de Graaff accelerator 2—38409
nonsquare pulse measurements 2—23478
photoelectric convertors, array-type, microcells with p-n junctions 2—13348
synchrotron, protron, 28 GeV, 95 MVA motor-generator set employment 2—14859
History
beta particle discovery, (1896) 2—1
Bronze age gold jewellery, provenance using laser microprobe 2—22901
extensional viscometry 2—28442
ferroelectricity, early years 2—13309
of holography, short review article 2—38019
optical magnification for subnormal vision 2—17127
parametric phenomena, from Faraday and Lord Rayleigh through to modern day physics 2—146
past great discoveries as exhibited in European museums 2—17145
physics, relevance to education of physics reactors 2—37541
physics, role in physics teaching 2—37540
Hodoscopes *see Cosmic rays/apparatus; Particle detectors*
Hole theory of liquids *see Liquids/theory*
Holes *see Crystal electron states; Semiconducting materials; Semiconductors*
Hollow cathode *see Discharges, electric*
Holmium
activator in glass fluorescence of divalent manganese 2—4493
critical effects near Neel pt., u.s. obs. 2—29838
critical u.s. vel. and spin diffusion coeff. 2—29530
deformation study by X-ray diffraction, stacking fault probability 2—3772
elastic constants, variation in 4.2-300 K range in 2.5 T magnetic field 2—39764
lattice dynamics and elastic constants 2—22401
magnetic anisotropy, prediction of possible new intermediate spin ordering 2—19871
n.m.r., low temp., ^{165}Ho spin echo interpret. 2—10550
u.s. attenuation anomaly between T_n and T_c 2—32834
X-ray excited optical fluorescence, in Gd_2O_3, La_2O_3, and Y_2O_3 2—22805
in Ag-Al alloys, liq., config. transition 2—39390
Ho^{3+}:YAG sensitized laser, lamp pumped, output and efficiency 2—17625
Ho^{3+}:YLF, Ho^{3+}:YAG, stimulated emission, spectroscopic and laser props. 2—17624
Ho_2, dissociation energy from mass spectra 2—24473
Ho^{3+} in lanthanide fluorides, far-i.r. Stark and Zeeman splitting 2—40669
Ho^{3+} in $PbMoO_4$ and $CaWO_4$, spin-lattice relax. 2—1649
Ho^{3+} spin-lattice relax. in yttrium ethyl sulphate 2—19936
YAG:Er, Ho, Tm, energy transfer process between Er^{3+} and Ho^{3+}, temp. and conc. effects, fluoresc. spectra obs. 2—26240
Holmium compounds
alloy, ^{165}Ho spin echo, h.f.s. low temp. 2—10549
$HoCrO_3$, nonaxial antiferromag. axis, neutron diffr. 2—26064
intermetallic, ^{165}Ho spin echo, h.f.s. low temp. 2—10549
Er-Gd(Tb) (Dy) (Ho) alloy, mag. struct., exchange interactions, anisotropy, neutron diffr. 4.2-293K 2—26024
Ho-Er alloy, mag. struct., neutron diffr., 4.2-293k 2—26024
Ho-Er alloy, magnetic crystal anisotropies, magnetiz. obs. 2—40482
Ho-Gd-Co ternary, magnetic characteristics 2—10213
HoAg, dissociation energy from mass spectra 2—24473
$HoAlO_3$, mag. ordering 2—1645
HoAu, dissociation energy from mass spectra 2—24473
$HoAu_2$, atomization energies by high temp. mass spectrometry 2—28302
HoB_{12} thermal expansion, in range 78-1300°K 2—6684
$HoCo_2$, mag. ordering temp., press. depend. 2—33142
$HoCo_2$, strong field magnetiz. 2—33159
$HoCo_2$, thermal variation of lattice parameters, mag. transition 2—26054
$HoCo_3$, mag. structure, neutron diffr. obs. 2—36703
$HoCrO_3$, ferromagnetic properties below 100 K 2—4376
$HoFe_2$, and pseudo-binary systems, Mossbauer effect 2—4441
$HoFe_2$, giant magnetostriction 2—10244
HoN, cryst. field splittings, neutron scatt. obs. 2—40592
$HoNaO_2$, cryst. struct., X-ray obs. 2—35987
$HoNi_2$, strong field magnetiz. 2—33159
HoOOH, mag. props., 2.4-273 K 2—19926
HoP_5O_{14}, ultraphosphate, definition and crystal chemistry 2—6395
$HoPd_3$, mag. props. 2—19829
$Ho_xR_{1-x}Fe_2$, R=Tb, Er, Tm, mag. anisotropy, spin rot., crystalline fields, Mossbauer obs. 2—26123
HoRh, anitferromag., mag. moment compared with crystal field calc. 2—19884
HoRh, mag. struct. 2—40554
HoS, cryst. field splittings, neutron scatt. obs. 2—40592
$Ho_xTb_{1-x}Fe_2$ cubic Laves compounds, magnetic anisotropy and spin rotations 2—19916
YbOOH, mag.props., 2.4-273 K 2—19926
Holography
acoustic, application to nondestructive testing, Pohlman cell 2—2415
acoustic, Doppler effect 2—31072
acoustic, photography of objects ‘illuminated’ with sound waves, book 2—27276
acoustic, visible images of acoustic sources using diffraction of light by ultrasound 2—7959
acoustic imaging system using optical pulse compression 2—38010

Holography continued
- acoustical, present status 2—23651
- aerosol particle size obs. technique 2—6264
- Airy stress function visualization by hologram interferometry, analogue plate models 2—14202
- application, image forming, nonimage forming, hologram as optical element 2—38024
- applications to structural analysis 2—11338
- aspherical optical elements testing, binary synthetic holograms by single sideband transmission 2—34442
- aspherics testing by two wavelength method 2—5401
- autocorrelation of wavefront in focus of homogeneous sphere 2—14435
- using ball mirror 2—17654
- bioholography and information processing of human brain and associative memory 2—37435
- biological information processing mechanism using holographic principles 2—23644
- bleached holograms, diffraction efficiency 2—31069
- bleached phase hologram fade resistance stability and noise reduction improvement 2—27548
- bleaching effects, high diffraction efficiency 2—38015
- bleaching processes for low noise, bright-phase production 2—7956
- bubble chamber photography applic. 2—24104
- camera, ultra-fast, for plasma diagnostics 2—7953
- cholesteric liquid crystal area detector, acoustical holograms at 5 MHz in water 2—21124
- coherent addition of uniform deterministic field to random speckle pattern 2—34413
- colour image reconstruction 2—7955
- compact system for geophysical and foundation engineering applic. 2—22907
- computer generated colour holograms 2—38026
- computer holograms, how to make 2—23643
- computer synthesis of holograms of moving objects 2—27543
- conference Optical Society of America (April 1971) 2—34426
- contouring, alternatives and applications 2—23657
- conventional and weak signal enhancement, phase and amplitude error effects 2—23633
- conversion for telegraphic transmission and reconversion by digital computer 2—31073
- copying holograms on photoresist with thermal source 2—23636
- data processing technique, automatic character reader 2—21117
- data recording, random phase data masks, four phase level masks 2—27535
- dendrite morphology examination 2—15669
- developments, Proceedings of SPIE seminar, Boston (1971) 2—23640
- diffraction effectiveness of bleached holograms at 0-44 microns wavelength 2—23639
- diffraction grating, spectral efficiency, with arbitrary line profile 2—7985
- digital data mask recording, quasi Fourier 2—7957
- digital data mask storing 2—7958
- digital memories, improved data encoding 2—34423
- displacement, three dimensional, meas. 2—5384
- displacement measuring using holographic interferometer 2—38009
- display, variable perspective, for aircraft blind landing system 2—21130
- division of wavefront sideband Fresnel holography, using field emission electrons 2—31068
- document storage and retrieval 2—21128
- double focus systems 2—38018
- dynamic, i.r., improvement 2—14433
- electro-optic page composer using $Ge_2(MoO_4)_3$ 2—40614
- electron micro-holography, off-axis 2—17653
- extended source Fourier transforms, for image synthesis of X- and γ-ray multiple pinhole cameras 2—33774
- ferroelectric light value arrays for optical memories 2—40335
- ferroelectric-photoconductor optical storage medium 2—40349
- filtering of oscilloscope traces, real-time 2—2413
- flow visualization and velocity meas. by Doppler holographic technique 2—6021
- Fourier synthesis of type-written text, effect of weighting the random distrib. 2—5390
- Fourier transform of slit recording, effect of photographic material nonlinearity 2—23637
- Fourier transformed, random phase shifters 2—31065
- Fresnel hologram of a square aperture, teaching paper 2—33853
- with fundus camera for hologram production of eye 2—23625
- gelatin, dichromated, film holograms of improved optical quality 2—2410
- geometric formulation, monochromatic light 2—27555
- gratings in transparent ferroelec. ceramics, recording 2—23631
- heterodyne, at 10.6 microns 2—38025
- high speed phenomena 2—38016
- holo-diagram device for simulating fringe patterns in hologram interferometry 2—5385
- hologram formation mechanism in As-S glass 2—23634
- hologram memory, high information storage density, randon phase shifter method 2—38013
- hologram reconstruction, using incoherent light, theory 2—38012
- hologram recording materials, advances 2—23642
- hologram recording with ruby laser 2—21129
- hologram registering, new method 2—27538
- hologram transparency synthesis by digital computer hologram input, development and image removal 2—34419
- hologram-moire interferometry, real-time, for liquid flow visualization 2—31091
- holograms, plateholder for on-site wet processing in real time holographic interferometry .2—17652
- image deblurring filters, increasing dynamic range using modulation gratings 2—38133
- image deblurring for diffraction limited imaging attainment in electron microscopes 2—23540
- image deblurring methods and principles, review 2—23735
- image deblurring techniques, rel. to β-synthesis in crystallography 2—34424
- image deblurring using holographic Fourier transform division method 2—34420
- image formation, applications, book 2—38004
- image quality of diffusely reflecting objects 2—38014
- image sharpening 2—17658
- image storage, three dimensional, space-bandwidth product 2—2375

Holography continued
- image treatment, space freq. filtering, optically matched filtering, chord conversion 2—27547
- imagery, image contrast arising from specimen motion 2—23654
- imaging, phase-only, of concealed objects 2—292
- immersion liquids for holograms recorded on photographic film 2—5392
- in-line, Fraunhofer holography, image formation. spatial and temporal coherence 2—27545
- information search, consecutive recording on hologram plate 2—21123
- applications to information storage, precise measurement of static, vibrating engineering structures 2—23630
- informational properties of linear optical systems, effect of energy sensitive detector 2—14437
- intensities subtraction by spatially incoherent Fourier holography 2—2412
- interference fringes for simple nonlinear oscillations 2—17645
- interference with polarization, generalized Mie effect 2—31070
- interferograms of phase irregularities in stimulated Raman emission light 2—17656
- interferometer, comparison with speckle interferometer of similar optical arrangement 2—306
- interferometer as temp. detecting device for fluid boundary layer 2—17454
- interferometric, for visualization of weak inhomogeneities in gas flows 2—24964
- interferometric, time averaging in analysis of nonperiodically moving bodies 2—27550
- interferometric inspection of aspherical surfaces 2—27554
- interferometry, applic. to photoelasticity 2—14212
- interferometry, comparison of out-of-plane deformation and in-plane translation meas. 2—23652
- interferometry, computed time average fringes of circular plate vibrating simultaneously in related modes 2—291
- interferometry, cryst. struct. investigation technique 2—35959
- interferometry, for isothermal diffusion measurements 2—25062
- interferometry, heat transfer measurement 2—17417
- interferometry, inspection of optical flats 2—38098
- interferometry, obs. of rigid body motion 2—14233
- interferometry, projected interference fringes 2—284
- interferometry, reconstruction of three dimensional refractive index fields 2—11498
- interferometry, review 2—23656
- interferometry, study of zero freq. filtered images, obs. of small phase defects 2—5414
- interferometry, surface roughness measurement 2—31089
- interferometry, three-frame, pulsed, for helical plasma diagnostics 2—24776
- interferometry in volume holograms 2—27537
- isochromatic elimination in double exposure photoholoelasticity 2—143
- isotropic liquid layer, investigation of u.s. 1 MHz standing wave 2—27539
- kinoform diffusers 2—23648
- of laser cavities, reconstruction of individual transverse modes 2—34417
- laser glass, detection of transient phase objects 2—23609
- laser glass, surface damage threshold studies 2—27505
- light beam scanning, holographic techniques 2—5399
- linear optimization 2—31066
- linear recording, new method 2—17655
- long-wavelength, finest-fringe resolution criterion 2—7949
- magnification, unequal longitudinal and lateral magnification, correction 2—2411
- mass transport in electrochemical cells 2—21127
- matched filtering, spatial coherence effects 2—27546
- materials, diffractive efficiency 2—2409
- materials testing by holographic interferometry 2—36183
- matt diffusers in holographic interferometry and advantages of phase diffraction gratings 2—34418
- measurement of optical transfer function of objectives, theoretical analysis and evaluation of methods 2—23632
- mechanics applications, conference (Los Angeles, August 1971) 2—14147
- memories and optical data processing, strain biased PLZT input devices 2—21122
- memory, large capacity, storage density calc. and optimization 2—23626
- memory device, substance identification from i.r. spectra 2—11493
- microscope, portable, design, construction and testing 2—21119
- microscope, portable, high resolution, using pulsed ruby laser light source 2—23713
- microscopy, high magnification, depth of imaged volume 2—23655
- microscopy, Lippmann-Bragg holograms for medical microscopic analysis 2—14459
- microwave, applic. of e.m. field mapping by photochromics 2—11387
- microwave, applic. to plasma diagnostics 2—17650
- microwave, application to e.m phenomena obs. 2—18640
- multibeam, characteristics, optimal recording parameters 2—2414
- multicolour images with volume photopolymer holograms 2—5386
- multimode laser radiation for holograms of focused images 2—27549
- new techniques 2—23641
- nondestructive testing of composite cylinders, analysis techniques 2—32660
- nondestructive testing technique, for reactor fuel elements 2—25553
- object motion compensation by speckle reference beam holography 2—27536
- object representation in Fresnel zone 2—2416
- obtaining and transmitting real-time holograms 2—5394
- optical, non destructive testing applics. 2—38020
- optical, ultrasonic, microwave, review of methods, general principles, applications 2—21125
- optical correlation for real time strain obs. 2—14193
- optical matched filtering by a bleached phase hologram 2—27552
- optical memories, MnBi films as potential storage media 2—21120
- optical processing system coupled to electronic read out system 2—23649
- optimum process, theoretical and experimental technique 2—23645
- phase holograms, in photographic emulsions with high efficiency in blue-green 2—31071
- phase modulated reference beam, for nonuniformity of quasipiston vibrations meas. 2—27197
- phase quantization in holograms, depth effects 2—23627
- photochromic glass, activated, use as 3-D holographic media 2—11492
- photochromic materials, response function, nonlinear effects 2—34412
- photoelasticity study 2—27541
- photographic images, sharpening, deblurring, Fourier transform division filter 2—333
- photographic materials, coherent light characteristics 2—5457

Holography continued
- photographic materials, light scattering and Wiener spectrum meas. 2—14492
- photographic phase holograms. suppression of printout effect 2—5388
- photographic plate, deform. during exposure. detect. by holographic interferometry 2—27669
- photographic volume, compensation of detrimental effects 2—11497
- photographically recorded imagery engancement 2—23732
- photoplastic film appl. 2—17661
- photopolymers, fixing techniques and signal-to-noise studies 2—23647
- photopolymers use, sensitivity and resolving power of copolymer of acryl amide and methylene-bis-acryl amide 2—34416
- physical basis, review 2—27544
- plate reconstruction, depth removal effect on exposure 2—7948
- polarization effects, in recording and reconstruction processes 2—7950
- pre- and post-exposure, effects on recording and reconstruction 2—5389
- production engineering applic. 2—21126
- projection type three dimensional display 2—27567
- pulse, obs. of effect of focusing laser radiation on Pb. Cu and Al 2—12475
- pulsed ruby lasers, recent improvements 2—23646
- Q-switched pulse stretching applications 2—14399
- radiation pattern meas. 2—5290
- random bias holograms obtained using one mirror and one diffuser 2—23635
- ray tracing, computer based analysis 2—7944
- real time holograms, power requirements and resolution in saturable absorbers and absorbing liquids 2—21118
- real time interferometer. phase changes in transparent objects 2—31094
- recognition of spatially incoherent patterns in real time 2—5383
- reconstructed image intensity correction 2—34414
- reconstruction, using extended reference beam source, Fresnel and Fourier transform methods 2—27542
- recording. physics and technology 2—38017
- recording holograms using simple vibration-free table of He-Ne laser, exptl. set up 2—27540
- recording in photochromic CaF_2:La, application to holographic interferometry 2—17657
- recording materials, nonlinear characterization 2—38007
- recording materials props. 2—17659
- recording system, stabilization with intermittent exposure control 2—38021
- recording with electrooptic liquid crystal cell, coherence 2—7050
- resolution distribution and information capacity of holograms 2—34422
- review, conception and development, acoustic holography 2—290
- review of its past and future prospects 2—38019
- reviews past, present and future from viewpoint of imformation theory 2—23650
- sampling, constant interval, overlap prevention 2—27551
- scanned reference beam. exposure times 2—23629
- scanning of a wave field by an optical system of arbitrary aperture as method for recording holograms 2—14436
- science and engineering uses 2—5391
- self referencing system for compensating for effects of fluctuating random media 2—23653
- shadowgram production during reconstruction of holographically recorded wave front in white light 2—27553
- silver halide light sensitive photographic material 2—34563
- SIN interferometer bench, examination of holograms of stationary objects 2—38023
- sound field visualisation 2—5244
- source, extended. realization using glass balls 2—286
- spatial bandwidth reduction, applic. to optical processing of information 2—11499
- spatial filters, optimum complex, synthesis beyond linear region 2—7975
- spatial pulse modulation of optical signals applications 2—7963
- spectroscopy, use of hologram as dispersive and focussing element of spectrsocope 2—289
- spectrum, vacuum u.v., method 2—2461
- stability of set-up for white light holograms, method of checking 2—5387
- stereograms, comparison with pinhole and fly's eye types 2—8056
- storage media, obs. and applic. of dynamic range 2—31063
- storage of information using Fabry-Perot interferometer 2—23628
- storage of phase holograms, electrooptic materials and fixing techniques 2—21121
- stroboscope, based on ruby laser with passive shutter 2—17651
- synthetic holograms, computer generation 2—285
- theory and art of forming holograms with visible light, book 2—5393
- thermally fixed holograms in ferroelec. crysts. 2—38008
- thick dielectric diffraction grating, dye sensitized, high efficiency 2—7981
- three dimensional holograms, image recording and reconstruction 2—23638
- three dimensional synthesis from two dimensional transparencies 2—7947
- time average vibration anal., envelope factors due to laser modulation 2—38011
- tomography using circular synthetic aperture 2—5052
- ultrafiche recording, techniques and developments 2—31064
- unbleached volume holograms, with high diffraction efficiency prod. 2—288
- u.s., real time, using acousto-optical transducer 2—27556
- u.s., scanned hologram method 2—34415
- u.s. data three-dimens. represent. 2—27277
- uses, rebirth of optics 2—38022
- variable colour holograms for projection display 2—17660
- vibration analysis, use of normal mode theory, applic. to asymmetrical circular disc 2—2228
- vibration analysis of engineering structural components 2—23339
- vibration analysis of tuning fork of electronic watch, by holographic and photographic methods 2—14234
- violin, vibr. mode obs. 2—30872
- violin plates, vibr. mode obs. 2—34135
- volume holograms using bleaching plus darkening procedure for low noise and good efficiency 2—31067
- wake visualization of hypersonic projectiles, single mode ruby laser 2—3284
- waveguide couplers for integrated optical circuits 2—34421
- wax and gelatin film, i.r. holograms 2—7952
- weak-signal enhancement technique 2—14434
- X-ray zone plates production for X-ray telescopes 2—11185
- $BaTiO_3$:Fe, ferroelec. fixation and erasure by electrical control 2—17662
- H_2O droplets, visualisation and counting 2—287

Holography continued
- $LiNbO_3$, iron doped, holographic storage applic. 2—21131
- $LiNbO_3$, optically erasable and rewritable holographic storage 2—17663
- $LiNbO_3$, storage. coupled wave analysis 2—23658
- MnBi films, domain configuration of magnetic holograms 2—7946
- VO_2, film, holographic storage, based on insulator-metal transition 2—7951
- Xe plasma diagnostics applic. 2—21825

Hot-atom chemistry *see Chemical analysis/radioactive; Nuclear reactions and scattering/chemical effects; Radiochemistry*

Hubble model *see Cosmology*

Hugoniot diagrams *see Equations of state*

Humidity
- *see also Atmosphere/humidity; Hygrometers; Moisture*
- atmosphere, determination by Raman scattering 2—16816
- atmospheric spectroscopy, remote sensing 2—16840
- boundary-layer analysis, correlation of surface and radiosonde observations 2—13677
- control apparatus 2—10723
- humidiometer, patent 2—1884
- LIDAR, spatial distribution by resonance absorption 2—16817
- psychrometry, film theory in simultaneous heat and materials transfer 2—5272
- resistance sensor transducer 2—13686

Hydrodynamics
- *see also Flow/liquids; Jets; Liquid oscillations; Liquid waves; Magnetohydrodynamics; Viscosity/liquids*
- angular velocity autocorrelation function, hydrodynamic theory 2—21722
- aqueous homogeneous suspension reactors 2—11892
- atmosphere, laser beam propagation model 2—22974
- binary mixture of inviscid fluids, thermomechanical behaviour. acoustic wave propagation 2—24588
- Bose liquid, validity of hydrodynamic model at zero temp. 2—30822
- boundary layer, turbulent, accelerated, blown sucked, unblown, mean vel. profile 2—18774
- boundary layer flow between two parallel coaxial disks 2—12320
- Chaplygins gas movement, special relativity hydrodynamical analogy for astrophysical effects 2—14090
- circular cylinder in contact with rigid boundary, added mass in accelerating flowfield 2—24590
- coastal upwelling, continental shelf water, along shore current 2—10711
- coastal upwelling dynamics, simple theoretical model 2—4648
- cochlea, 'place' theory of hearing, potential flow model 2—20748
- Couette flow, Taylor vortices, stability problem, finite difference approach 2—35415
- disperse systems, solution of kinetic equation 2—28905
- dispersion equation in porous media, perturbation solutions 2—28753
- dispersion studies, distorted hydraulic models. pollutant dispersal 2—28748
- drag coefficient of sphere on a boundary of similar spheres 2—39291
- drag reducing properties of fluids, evaluation by comparison rheometer, apparatus 2—28478
- drop submerged in velocity field in presence of surfactants 2—39314
- energy tensor of relativistic perfect fluid 2—3161
- equations for a system of particles interacting with nonadditive forces, statistical mechanics 2—30815
- expansion-contraction behaviour of dilute solutions of polymers, capillary jets 2—32202
- final period turbulence, two-species reactions, numerical examination 2—31896
- flow, laminar, in rot. enclosure with axial throughflow. heat transfer, Navier-Stokes eqns. 2—18569
- flow, past line array of spheres and spheroids, multipole representation technique for calcs. 2—12331
- flow, turbulent, in smooth tubes, heat transfer, mass transfer, Reynolds analogy 2—18735
- flowing films, wave characts. and velocity profile across section 2—1068
- fluid, Boltzmann eqn., boundary layer type soln. by Chapman-Enskog method 2—31918
- fluid, non-analytic dispersion relations, current-current correl. functions 2—24592
- fluid, turbulent flow, with high Reynolds number in tubes. Hamiltons principle 2—35433
- fluid flow around fuel element in reactor, temp. field calc. 2—12316
- fluid flow in porous medium, equations of motion 2—28446
- fluids, with arbitrary transport vels. of two impinging mols., eqns. of motion 2—35393
- ghost wakes on water surfaces caused by aerial votices 2—40950
- hydrofoils, effect of steady transverse gravity fields 2—6178
- interaction effects in rigid dumbbell suspensions, kinetic theory 2—35800
- interrupted breach wave propagation, iterative computer calculations 2—18775
- ionized gases, determ. of dispersive transport coefficients 2—1038
- isotropic gyrotropic continuous medium, with rot. degrees of freedom 2—6019
- jets, liquid-in-liquid, mass transfer, conc. driving force 2—3350
- light scattering by binary fluid mixtures using stochastic equations 2—7990
- linear and nonlinear perturbations 2—39031
- liquid, incompressible, rot. self-excitation, rel. components, stability problem 2—35696
- liquid crystals, theory 2—9086
- mammalian spermatozoa 2—41280
- micropolar fluid motion due to rectilinear oscillation of circular cylinder 2—18551
- monatomic fluid, long-wavelength expansion of mode freqs., autocorrel. functions 2—24591
- motion of system consisting of matter and antimatter embedded in thermal radiation 2—7363
- moving coordinate systems theory, application, geometric and kinematic interpretations 2—35392
- Newtonian, formulation in expanding universe in terms of scalar-tensor theory 2—26597
- Newtonian fluids, incompressible binary mixture, plate oscillations 2—6037
- nonlinear problem, general existence theorem, viscous fluid motion 2—31897
- nonlinear problem solution, difference analog of boundary value 2—907

Hydrodynamics continued
- nonlocal, with memory, integro-differential equations based on dynamic generalization of Ornstein-Zernike theory 2—35390
- nova, predicted processes 2—20563
- nuclear reactor excursions, reliability of computer predictions 2—15090
- nuclear reactors, high temp. gas cooled 2—525
- oceanography, internal wave spectra in the presence of fine structure 2—4649
- Orr-Sommerfeld stability eqn., accurate soln. 2—12330
- oscillations, non-uniform, levitation and counter-gravity motion of spheres 2—9050
- oscillations of rotating fluid, trapped modes in a thin spherical shell 2—24593
- plane Poiseuille flow with finite amplitude disturbances, stability 2—21745
- planetary atmospheric circulation, similarity theory relations from hydrodynamic equations 2—1986
- plasma, statistical 2—979
- plasma, two temperature equations, self similar solutions 2—28622
- polystyrene solution, moderately concentrated, storage and loss shear moduli 2—21930
- polyvinyl acetate solution, moderately concentrated, storage and loss shear moduli 2—21930
- pools of dilute binary solutions heated from below, stability 2—15545
- positive column of gas discharges, two fluid theory 2—12469
- pressure, deform. profile, between two colliding lubricated cylinders, elastohydrodynamic eqns. 2—31899
- revolving ball in pulsating liquid, movement, comparison of expt. and theoretical curves 2—1045
- rotating layer with rigid boundaries, asymptotic treatment of stability 2—6018
- sea, off-shore zone, horiz. conversion coeffs. detn. 2—30252
- sea currents, numerical method for solving theoretical equations of motion 2—13653
- solute solvent system, Couette flow, gravity effect on longit. dispersion 2—3334
- space and time-dependent correlation functions long- time behaviour 2—35391
- spectra of locally isotropic hydrophysical fields rel. to measuring instrument distortions 2—12516
- stability, initial value problem 2—28440
- stability of flow between porous parallel walls 2—8891
- stability of Marangoni films, effect of interphase mass transfer 2—25027
- stability of plane Poiseulle flow of second order fluids to finite amplitude disturbances 2—28462
- stellar bodies, time-dependent implicit code 2—20689
- stellar upper mass limit, collapse of protostars 2—26680
- Stokes irrotational waves, third order approximation, energy characteristics 2—18571
- stratified fluid, zero velocity and zero stress boundary conditions 2—6023
- subharmonic bubble oscillations in water 2—28770
- superfluid systems, Bose condensation 2—28929
- thin film fluids, undulating flow in a gas stream 2—39321
- top heavy layers, criterion of instability 2—39292
- transport equations in transfer coordinates 2—7722
- turbomachines theory, consistent mean values for compressible media 2—12484
- turbulent diffusion, characteristic functionals of random fields 2—3155
- turbulent diffusion, concentration distrib. rel. to velocity field, characteristic functionals 2—6014
- turbulent diffusion, Hopf eqn. based on Oseen eqn. 2—3156
- turbulent free convection boundary layer exptl. study at vertical plate and in a vertical film 2—21935
- unsteady stagnation point flow 2—39035
- unsteady waves and currents rel. to theory of long waves 2—12528
- water, acoustically excited vibrations in a cylindrical tank 2—3386
- waves, propagation, soln. by perturbation techniques 2—8892
- waves, ultrarelativistic cosmic rays, confinement to Galactic disc 2—26604
- white dwarfs, He rich with H rich envelopes 2—26681
- Ar, plasma, hydrodynamic drag on a small sphere moving relative to the plasma in local thermodynamic equilib. theoretical and exptl. study 2—35468
- He superfluid, construction of theory in agreement with hydrodynamics, determ. transport coeffs. in collision-time model 2—25133

Hydrogen
- *see also Deuterium; Protons and antiprotons; Tritium*
- absorbed on NaCl and CsI, i.r. absorpt. spectra. 20K 2—36881
- absorption by steel, tensiometric investigation 2—3948
- absorption spectra at 21 cm, statistics of concentrations in the galactic disk 2—10967
- adsorbed on W, RHEED obs. of superstructure 2—29073
- adsorption, on magnetic surface, ortho-para conversion, n.m.r. obs. 2—6365
- adsorption, on Ti film in vacuum, reaction rate detn. 2—39560
- adsorption and desorption on Ni surface, study of kinetics 2—6371
- adsorption and displacement on W (111) surface 2—25235
- adsorption on Ni, study 2—6372
- adsorption on Pt, atom-layer, inverse electroreflectance effect 2—9310
- adsorption on Pt electrode, obs. using technique for polarized light reflected intensity meas. 2—9309
- adsorption on Pt from perchloric acid, modulated specular reflection spectroscopy 2—9311
- adsorption on surface of W crystal, isosteric heat determ. 2—6376
- adsorption on Ta, RHEED obs. 2—12686
- adsorption on W, kinetic isotope effect 2—12688
- adsorption on W, saturated state, FEM patterns 2—25236
- arc, stabilized, vac. u.v. photometric standard 2—17748
- arc, wall-stabilized, helical instability 2—21897
- atomic beam, applic. to plasma diagnostics 2—32032
- backstreaming, in ion pump when pumping hydrocarbons 2—39545
- bonds between first-row atoms, perturbation calculations 2—28257
- bound-bound multiphoton processes, photon absorption and quantum emission 2—35175
- bubbles in liquid, dynamics and growth in ultrasonic bubble chambers 2—28771
- chemisorbed in Pt, LEED obs. 2—35918
- chemisorption by W film, effect on Hall effect 2—40186
- chemisorption on graphitic BN. CNDO/2 molecular orbital calc. 2—7177
- chemisorption on Ni, MO models 2—26345
- chemisorption on W, surface short range interaction investigated 2—7175
- in chromosphere. ionization equilibrium resonance line transfer 2—26925

Hydrogen continued
- condensation, vap. press. meas., 1.6-5.2K, significance in astrophys. and vac. technol. 2—39430
- cracking of steel, cathode polarization in acid media 2—30070
- density, liquid and gas-liquid systems, open-ended microwave cavity of obs. 2—27346
- desorption from Ni surface, spatial distrib., comp. and orientation effect 2—25231
- desorption from W by electron and photon impact, primary excitation process 2—39567
- diffusion, in Nb, quantum theory 2—15790
- diffusion, penetrability and solubility coefficients in metals 2—29229
- diffusion in Fe, influence of cavities 2—6514
- diffusion in Fe, under low temp. plasma conditions, meas. apparatus 2—36077
- diffusion in Fe-C alloy, embrittlement 2—12899
- diffusion in liquid Fe, effect of impurities 2—25063
- diffusion in metals, effect of microvoids 2—39723
- diffusion in Nb single crystals 2—9611
- diffusion in Ni, quantum process, transfer mechanism, migration energy 2—12813
- diffusion in Ni and Fe-Ni alloy, coeff. determ. 2—36080
- diffusion in Pd, comparison with rate for D, reversed dependence 2—22236
- diffusion in steel, effect of Si and Mn content 2—6579
- diffusion in Ta, thermogravimetric study 2—36084
- diffusion in Ti-Al-Sn alloy, rel. to stress corrosion cracking 2—19147
- diffusion in TiH_4, model, pulsed NMR technique 2—3813
- diffusion into steel, internal friction peaks following cold working 2—39926
- diffusion of interstitial in noble metals, lattice relaxation 2—9613
- diffusion tube detector in a dynamic Na system 2—1765
- discharge, h.f., luminous radiation, radial distrib. 2—986
- discharge, inductive, electron energy distrib. function 2—988
- discharge, inductive, electron temp. and density obs. 2—987
- dislocation-H interaction in plastically deformed Cu, rel. to Cu internal friction 2—12832
- dissociation in a H glow discharge based on interferometric and manometric measurements 2—35616
- dissolution, in SiO_2 glass, i.r. absorp. spectra obs. 2—12630
- electron swarms, discharge parameters meas. 2—35602
- embrittlement of Fe-Cr-Ni steel 2—29308
- embrittlement of Fe-Ni-C martensitic alloy 2—12910
- embrittlement of steel, crack formation, kinetics 2—29318
- embrittlement of steel, environment attack mech., corrosion fatigue cracking, stress corrosion cracking 2—19218
- embrittlement of steel hot rolled plate, directionality 2—3896
- emission from Cytherean upper atmosphere 2—11011
- etch rate, deterioration, crazing of $MgAl_2O_4$ 2—3497
- flash desorption from W (211) 2—6389
- flow, sorption, through hydroxyapatite compacted powder membrane, 77-303K 2—39554
- free radicals in flame, e.p.r. obs. 2—26342
- galactic distribution from kinematic study, streaming motions 2—30421
- Galactic Nucleus, information on explosive events from high velocity observations 2—4787
- gas, det. of trace impurities of water vapour using solid electrolyte O_2 gauge 2—33390
- gas, second virial coeff., nonspherical, interaction contributions 2—3324
- gas at 77.8K, pressure dependence of electron drift velocity 2—18698
- gas discharge, spherical diode, charged particle confinement, concentric grids 2—21877
- gas-discharge plasma, pulsed infection of Na and K vapour, obs. of laser action 2—23601
- glow discharge, degree of dissociation from refractive index, manometric of energy dissipation data 2—15512
- glow discharge, laminar positive column, electron energy distribution along striations 2—3266
- glow discharge, Monte Carlo simulation 2—35617
- glow discharge use as light source for v.u.v. spectroscopy 2—38164
- interferometer, 21-cm absorption in discrete-source spectra 2—11190
- interstellar, condensation in gas clouds onto solid grains 2—7466
- interstellar cloud structures at high galactic latitude relationship to local magnetic field 2—26762
- interstellar feature, high velocity, in South Galactic Pole region, 21 cm obs. 2—37322
- interstellar gas cloud, fragmentation and gravitational contraction in expanding universe 2—33698
- ion beam, trapping, reflection and re-emission at metal surface 2—39551
- ion-molecule reactions at high pressure 2—26333
- ionization cross section, stopping power partition and mean energy loss for energetic protons 2—35582
- ionization relaxation and light absorption on strong shock waves 2—21867
- i.r. absorption of interstitial atoms in Ar and Kr 2—33264
- isotope exchange reactions using dimethylformamide as solvent, electrochem. determination of equilibrium constants 2—22854
- Lα flux, absence from galactic coma cluster, gravitational binding 2—26632
- laser, vacuum u.v., electron beam excitation 2—17601
- laser, v.u.v., direct evidence of gain, pulse velocity obs. 2—34394
- laser action in Werner bands 1161-1240 Å 2—34393
- laser with premixed gases of He, SF_6, self pulsed high PRF to more than 100 kHz 2—23579
- leak rate through thin polycarbonate film 2—3816
- line-blanketed stellar atmospheres, artificial absorption edges 2—30446
- liquid, mylar target with thin mylar sidewalls and vacuum housing 2—31344
- liquid, nuclear bombardment target, 150 cm 2—17994
- liquid, nuclear bombardment target, 50 cm, with Mylar windows 2—17993
- Martian and Cytherian ionospheres, rate constants for CO_2^++H and CO_2+H^+, measurements in flowing afterglow system 2—17038
- Martian atmosphere, u.v. spectrometry, Mariner 9 experiment 2—37361
- mass spectroscopic measurement of H/D ratio 2—20208
- metallic, structure at zero press. 2—22155
- metallic phase, high-temp. supercond. 2—16176
- microwave plasma generation by end-on and side-on irradiation 2—32054
- molecular, stabilizes clusters of galaxies, closes universe 2—33610
- monitoring in air. MoO_3 applic. 2—26380
- neutral, energy dispersed, beam formation 2—23523

Hydrogen continued
neutral gases, high velocity, formation in collisions of high momentum extragalactic clouds with galactic gases 2—30406
Paschen emission in IC 418 spectra 2—4803
permeability in annealed and deformed carbonyl Fe. 100-650°C 2—29218
permeability in Fe-Al-Cr alloys, 300-700°C, oxide film effect 2—29216
permeability in Mo, surface effects 2—29220
permeability in steel, embrittlement, drawing temp. depend. 2—29219
permeability in steel, Pd addition effect 2—29217
plasma, fields and pressure gradient during collapse of θ-pinch, ion azimuthal velocity calc. 2—18623
plasma, in coaxial accelerator, filamentary structure of shock driving current sheath, turbulence 2—35514
plasma, ion density and electron temp. detn. using atomic beams 2—32032
plasma, local thermodynamic equilibrium, continuous emission calc. 2—24715
plasma, motion on injection into cusp field 2—21792
plasma, radiation losses in thermonuclear systems 2—24729
plasma, r.f. heating in mirror machine near ion cyclotron frequency 2—35509
plasma, rotating. form. in homopolar config. 2—32051
plasma, turbulent heating of column in linear arc discharge 2—24658
plasma continuous emission at bound-to-free transition regions 2—35500
plasma generation by microwaves in axial magnetic fields below electron cyclotron resonance 2—31999
plasma interaction with He gas. excitation transfer 2—35189
plasma jet, thermodynamic state calc. from dimensionless parameter 2—18590
plasma prod. by CO_2 TEA laser-solid H_2 interaction 2—24787
plasma production, from solid targets 2—24782
population inversion and atomic relaxation in decaying plasma 2—35496
radio recombination lines in interstellar gas, ratio to He 2—33692
recombination lines in galactic H II regions. temperatures for Orion A and NGC 2024 2—20509
Saturn atmosphere, microwave brightness temperatures. He:He mixing ratios 2—26848
self-diffusion in ZrH_n, n=1.0-1.9, spin-echo obs. 2—16402
solid, and in solid soln., near i.r. absorp., phonon spectra 2—19371
solid, anharmonic one-libron spectrum 2—22398
solid, coupling constant interactions 2—19368
solid, eqn. of state, harmonic approx. 2—40032
solid, eqn. of state, quantum theory 2—40030
solid, eqn. of state, variational calc. 2—40031
solid, ground state energy calc.. mean square displacement of molecules and lattice constant by Nosanow's cluster expansion 2—19369
solid, h.c.p. and f.c.c., phonon density. libron states density 2—19397
solid, hexagonal phase, Raman active optical phonons 2—22397
solid, metallic transition to molecular form involving 'evaporation' of surface atoms 2—25631
solid, n.m.r. splitting, ortho content depend. 2—37007
solid, phonon-libron coupling calc. 2—19370
solid, phonons and librons, random phase approx. 2—22399
solid, plasma production in keV temp. range using very high intensity laser radiation 2—24775
p- solid, rotational Raman scattering 2—26193
solid, zero pt. vib. energy, self consistent calcs. 2—16010
solubility in f.c.c. metal, isotope effect, calc. 2—19260
solubility in Ni, Cu, Co, Fe, Pd. Al and Ag calc. 2—3961
sorption on PbSe epitaxial film 2—39561
spark channel spectroscopic investigation, voltage collapse 2—15518
spectral isotopic analysis of small amounts based on compression of sample into discharge tube 2—30108
Stark broadened Balmer lines H_γ and H_β, asymmetries 2—35176
steel, maraging, H embrittlement, stress corrosion cracking 2—19213
stellar blanketed model atmospheres, photometric observations 2—26697
stellar envelopes ejection from heavy element cores 2—26667
stellar spectra, γ line strengths in early type stars, photoelectric obs. 2—4844
stepwise ionization in discharge plasmas, electron ionization cross section of excited H 2—35597
surface recombination on transition metal carbides rel. to work function 2—29009
thermal desorption from Si surfaces 2—9312
thermal release from cryogenic surfaces 2—1193
thermodynamic properties, at high temps. and densities, theory 2—21911
trace element analysis. nondestructive determ. by proton-proton scatt. 2—10680
u.v. glow in night time ionosphere, ionizing effect at low and mid-latitudes 2—37213
vacuum gap breakdown probability, dependence on surface condition of electrodes 2—35627
viscosity, high temp. calc. 2—18770
inCr-Ni steels, spectrochemical analysis 2—16700
Fe/H abundance ratios from eight-colour intermediate band photometric system for stellar spectra 2—37293
Fe-Cr-Mn-Ni, steel, hot rolled, H embrittlement resist. 2—19248
Fe-Cr-Ni alloys. austenitic, charging in H. effect on crack formation 2—6577
H/He refrigeration plant for big european bubble chamber 2—23188
H/He stellar evolution 2—20536
H_2-Ga-$AsCl_3$ system, thermodynamics, dopant incorporation 2—3530
H_2-He system, mutal diffusion coefficients, meas. from 77 to 920 K 2—9044
H_2-N_2- methane mixtures, determ. exptl. isenthalps of Joule Thomson coefficients 2—24980
H_2-N_2, determ. of binary diffusion coeffs. as function of temp., pressure and conc. 2—9045
H I interstellar lines of Delta Scorpii and Zeta Ophiuchi 2—7429
H^+ and H_2 interaction in Jovian ionosphere 2—30545
H^+ in Cytherean topside ionosphere 2—17143
σ-H_2, phase transition, order-disorder transition 2—22362
O-H_2, solid, cluster expansion 2—22371
p-H_2, viscosity, pressure-temp.-viscosity diag., near critical temp., eqns. 2—18802
H_2 adsorption structure on W obs. 2—6375
H_2^+, inclusion of nuclear motion in calc. of optical and magnetic properties 2—24435
H_α emission during impulsive phase of flare 2—26919
HD. gas. second virial coeff., nonspherical interaction contributions 2—3324
HD, single cryst., rotational Raman scattering 2—26193
HD, solid, p.m.r. obs. of spin lattice relaxation and nuclear polarization at $T<1K$ 2—37008
HD, solid hexagonal phase, Raman active optical phonons 2—22397
HD, solid polarized, exptl. development for nuclear targets 2—34764
$^2H/H$ ratio in the primitive Sun, astrophysical implications of a new value 2—14010
^2H-^3H plasma, solid density, thermonuclear reaction waves 2—18660
^3H, diffusion in transition metals, study using time lag methods 2—19136
$H_2+F \rightarrow FH+H$, potential energy surface including electron correlation, preliminary results 2—37020
$H\alpha$, chromospheric absorbing features, appearance and development of active centres 2—30637
H_β, flame, spectroscopic determ. of local temps., influence of autoabsorption and thermal gradients 2—7783
Hg vapour mixtures, discharges, ignition potential 2—3264
NaCl:H Raman scatt.. first order. by localised impurity modes, field induced 2—16560
Ne-H mixture in bubble chamber, homogeneity and stopping power 2—2644
Ne-H_2 positive column, oscillation in longitudinal mag. field, effect of H_2 on current convective instability 2—6117
in Ni, powder and foil, effect on crystal imperfection 2—15941
in Ni alloys, spectrochemical analysis 2—16700
O_2-H_2 detonations, effect of cool boundary layers on ionization probe obs. 2—35534
O_2-H_2 radicals low pressure discharges and surface reactions 2—35620
in O_2, effect on electron drift and diffusion 2—15501
PdAg:H, chem. pot and H conc. near critical point 2—19270
Pt/H system, electron impact desorption, active site obs. 2—39562
Si Zener diode for press. meas. to 15000 atm. 2—20782
ZnS phosphors, effect of adding NaCl and preliminary heating in H on thermoluminescence 2—16631

ions
afterglow, one dimensional numerical model 2—24698
backscattering spectra on Si 2—9908
Balmer spectrum meas. for plasma at temps. 12000-20000 K 2—35177
channelling in Si, quantum effects 2—36387
collisions with Na and Mg, two-electron capture 2—5870
density at Lindblad resonance in the Galaxy. refined calculation of dispersion relationship for spiral density waves 2—1946
excitation for X-ray spectroscopy 2—15216
inexosphere, currents 2—26522
F-region, altitude distribution determ. 2—23029
granions, accelerated, formation of plasma by injection and dissociation 2—24788
ionospheric density 2—41002
multiphoton ionization processes, role of atomic spectra 2—35583
plasma absorption coeffs. at laser frequencies 2—12390
proton transfer reactions of type $XH^+ + Y \rightleftharpoons YH^+ + X$. kinetics and energetics studied by flowing afterglow method 2—12303
pumping, using orbitron getter-ion pump 2—33826
recombination lines at 16.5 GHz in nebulae Orion A, W3, W49, W51 2—33617
D_2 metastable ions, dissociation mechanism 2—35254
D_2^+, photodissociation from 2472 to 13613 Å, cross sections 2—31801
H^+-Ar collisions. formation of excited H atoms 2—31716
H^+-Ar differential elastic scattering, inversion problem 2—666
H^+-Cs, collisions, 0.5-2.5keV, cross section for the production of H(2s) and H(2p) 2—5856
H^+-Cs collision, meas. fraction of H atoms in 2s state 2—5855
H^+-H, charge transfer collisions, production of highly excited states 2—5871
H^+-H, low energy collision, electronic translation factor 2—719
H^+-H_2 collisions, 1-30keV, cross section for emission of Lyman-alpha radiation 2—5872
H^+-H_2 collisions, validity of Franck-Condon principle for $H^+ \rightarrow H^-$ double charge transfer at low scattering angle 2—24399
H_2^+-H_2 electron capture collisions, production of highly excited states of H_2, HD, D_2 2—38915
H_3^+-H_2 electron capture collision, meas. of highly excited quantum states of H_3 2—38916
H^--He atomic collision 0.47-20 keV, H charge fraction obs. 2—35181
H^+-He collisions, direct excitation n=3 triplet states. obs. of light emitted 2—5881
H^+-He collisions. formation of excited H atoms 2—31716
H^+-He collisions, meas. of excitation transfer implied by obs. of the population of 3^3D state 2—5882
H^+-He differential elastic scattering, inversion problem 2—666
H^1-He collisions. determ. of excitation cross section ratios $\sigma_3 1_p/\sigma_4 1_s$ and $\sigma_3 1_p/\sigma_4 1_d$ and the polarization of 3^1P-2^1S transition 2—5883
H_2^+-He collisions, dissociation of H_2^+ and formation of fast excited H atoms 2—31718
H_3^+-He collisions, dissociation of H_2^+ and formation of fast excited H atoms 2—31718
H^+-K charge exchange cross section meas. in energy range 150-8000 eV, applic. to plasma diagnostics 2—18343
H^+-Kr differential elastic scattering, inversion problem 2—666
H^+-Ne collisions, H(2p) and H(2s) formation, differenital charge transfer meas. 2—2993
H^+-Ne differential elastic scattering, inversion problem 2—666
H^+-molecule collisions, cross sections for formation of fast excited H atoms 2—31717
$(H,D)_3^+$ in hydrogen-deuterium mixtures, arrival time distributions in high-pressure mass spectroscopy 2—1003
H-, ion source for zero gradient synchrotron, review 2—8255
H-, photodetachment cross section, calculation 2—696
H-, source for linear accelerator 2—8251
H beam production by recharging protons on recharging targets of Li, Na, K and Mg 2—7900
H II emission, interference-filter, image-tube photography, gaseous nebulae 2—26646
H^-, collisions with neutral atomic or molecular targets, energy spectrum of emitted electrons studied 2—12023
H^-, electric polarizability, lower- bound procedure 2—31726
H^-, electron-ion recombination and detachment process studied in merging electron ion beam expt. (MEIBE) 2—11438
H^-, electron correlation 2—21546

Hydrogen continued
ions continued
H^-, energy of $1s^2$ and $2s^2$ states from classical quantum condition for nonseparable systems 2—7666
H^-, photodetachment by Q-switched Nd laser, production of pulsed H^o beam 2—12034
H^-, static and dynamic polarizabilities, via asymptotic approx., photodetachment cross sect. 2—18347
H^-, supercollimated beam, channelling in Si thin cryst. 2—22436
H^- equilibrium, charge exchange reaction dominance over associative reaction for star classes A0 to F0 2—20524
H^+, 2-10keV impact on N_2, cross section for excitation of 3p states of H by observing Balmer alpha and Lyman alpha photons 2—5854
H^+, collision with H_2, formation of H(2p) and H(2s) states 2—15245
H^+, collision with H_2, vibrational excitation of H_2 2—15427
H^+, collision with N_2 and O_2, Lyman-α emission cross sections 2—5868
H^+, collisional radiative recombination coeffs. in spark channels 2—12458
H^+, collisions, in various gases in velocity range $2\text{-}5 \times 10^9$cm/sec, meas. of electron capture cross sections 2—718
H^+, collisions with CO, CO_2, methane and NH_3 at 1 to 25 keV, Lyman alpha emission cross sections 2—21544
H^+, collisions with He, Ar, H_2, H(2s) formation by charge transfer, ang. distribution 2—2994
H^+, elastic scatt. by N_2, investigation in 4 to 10 eV e.m. energy range 2—708
H^+, elastic scatt. from He, Ne, Ar, inversion problem 2—706
H^+, elastic scatt. from inert gas atoms, 3 to 80 eV, differential cross section meas. 2—709
H^+, elastic scattering by Ar and H_2. quantum undulations in differential cross section 2—707
H^+, H_2^+, H_3^+, detection with Si barrier detectors operating in d.c. mode 2—18013
H^+, in dayside of plasmasphere 2—20369
H^+, large angle collisions with H, He, N, Ne, Ar, differential cross section meas. and interaction potentials determination 2—710
H^+, magnetic moment in Bohr magnetons determ. from meas of electron-proton g-factor ratio in atomic H 2—12022
H^+, recombination lines and continua in planetary nebulae spectrum 2—20501
H^+ beam, 20-100 keV, excitation of He 2—3000
H^+ charge exchange with O and NO, thermal energy reaction rate consts. 2—26329
H^+ collision with F atom, molecular theory of fine structure transitions 2—5838
H^+ collisions with H_2 and D_2, vibrational excitation of H_2 and D_2 2—881
H^+ dissoc., neutral atom form. 2—8484
H^+ incident on various ground state targets, r.f.-optical method for studying electron capture 2—5852
$H^+_2 \rightarrow H^+ + H$, collision-induced. kinetic energy release 2—28296
$H^+_3 \rightarrow H^+ + H_2$ and $H^+_3 \rightarrow H^+_2 + H$, collision-induced, kinetic energy release 2—28296
$H^\pm$, collisions with CO, slow negative ion formation processes 2—874
H_2^-, potential energy curve calc. using separable potential model 2—3044
H^{2-}, short-lived resonant state 2—35180
H_2 metastable ions, dissociation mechanism 2—35254
H_2^+, collisions with electrons, proton production cross section meas. 2—3144
H_2^+, collisions with He. Ar, H_2, H(2s) formation by charge by dissociation, ang. distribution 2—2994
H_2^+, cross section meas. of collision induced dissociation and ion-molecular reactions 2—12308
H_2^+, cross sections for dissociative excitation by electrons for interaction energies from 25.4 -715 eV 2—31797
H_2^+, dissoc. recomb. as cause of axial density decay in long diffused plasma column 2—28569
H_2^+, electron-ion recombination and detachment process studied in merging electron ion beam expt. (MEIBE) 2—11438
H_2^+, ground state energy calc. by double perturbation theory with screening const. 2—8635
H_2^+, H(2p) and H(2s) formation in collisions with He, ang. dependence 2—885
H_2^+, hyperfine struct. 2—31800
H_2^+, James wavefunction for ground state 2—21602
H_2^+, number of bound vibr. states, scattering lengths of lowest potentials 2—12130
H_2^+, photodissociation from 2472 to 13613 Å, cross sections 2—31801
H_2^+, Rydberg states, calculations 2—8644
H_2^+, variational wavefunctions, exact radial elliptic coordinate dependence 2—31796
H_2^+, vibration rotation eigenenergies of $2p\pi_u$ and $3d\sigma_g$ states 2—18434
H_2^+, x=1-3, collisions with He, Ar, N_2, H_2 targets, 75-1000keV formation of excited H atoms 2—5853
H_2^+ collisions with electrons, survey of exptl. and theoretical determ. of cross section for proton production 2—31798
H_2^+ dissoc., neutral atom form. 2—8484
H_2^+ dissociation by electron impact, application of Born theory to angular and energy distribution of protons 2—3047
H_2^+ orbitals used to study H_2 2—21606
H_3^+, dissociation in collisions with H_2 and N_2 at 410 to 1800 keV, cross section meas. 2—884
H_3^+, ground- state, analytical SCF energy expression 2—24463
H_3^+ dissoc., neutral atom form. 2—8484
H_3^+ in hydrogen and hydrogen-deuterium mixtures, arrival time distributions in high-pressure mass spectroscopy 2—1003
H_3^{2+}, four-centre expansion 2—15301
H_5^+ molecular ion, binding energy and geometry 2—8629
H_α spectral line. brightness meas., plasma parameters at plasmatron output 2—8993
H_x^+, x=1, 2, 3, 10-130 keV collisions with He atoms excitation of autoionizing states 2—12046
HD metastable ions, dissociation mechanism 2—35254
H^+—H charge exchange, comparison between theory and experiment 2—5865
$^2H^+$, mobility in He gas, obs. by four gauze electrical shutter method 2—24837
H^++ multicharged ion, collision, excitation cross sections calc. using impact parameter method 2—653
$H^+ + Ar \rightarrow H(2p) + Ar^+$ differential scattering meas. 2—702
$H^+ + Ar \rightarrow H(2s) + Ar^+$ electron capture probability meas. 2—2990
$H^+ + D_2$ collisions, classical trajectory surface hopping approach 2—12302

Hydrogen continued
ions continued
$H^+ + D_2$ collisions determ. of angular and velocity distributions of various products as a function of collision energy 2—12032
$H^+ + H$ scattering, coupled state calcs., impact parameter method, cross sections 2—24400
$H^+ + H \rightarrow H + H^+$, high energy, validity of Pradhan impulse approx. 2—5823
$H_2^+ + H_2$ and isotopic variations, reaction kinetics from ion cyclotron resonance 2—30048
$H^+ + H(1s) \rightarrow H(1s) + H^+$, Pradhan's impulse approx. 2—24398
$H^+ + He$, 6-150 keV, strong quasiperiodic dependence of autoionization shape parameters on projectile energy 2—12025
$H^+ + He \rightarrow H(2p) + He^+$ differential scattering meas. 2—702
$H^+ + He \rightarrow H(2s) + He$ electron capture probability meas. 2—2990
$H_2^+ + He \rightarrow HeH^+ + H$ reaction cross section enhancement by vibrational excitation of H_2^+, statistical phase space theory 2—16679
$H^- + O \rightarrow H + O^-$, non resonant charge transfer. cross section calc. 2—692
$H^+ + X$, X=Ar, Kr and Xe, charge exchange cross sect. calc. in impact parameter approx. 2—716
$H^+ + Xe \rightarrow H + Xe^+$ resonant charge exchange process used to investigate validity of impact parameter method 2—28213
$H^- + e^- \rightarrow H(1s) + 2e^-$ $(H(2s) + 2e^-)$ electron detachment processes. calc. of cross sections using impact-parameter method 2—38851
r.f. source, operational characteristics 2—17566

neutral atoms
1s-2s transition in e.m. field of arbitrary intensity, nonperturbative method 2—17465
$2^2S_{1/2}\text{-}2^2P_{3/2}$ interval meas. by decay in magnetic field 2—2985
2S state, collisions with He(1S), total cross section determination 2—12029
3p states excited by 2-10keV proton impact on N_2, determ. cross section 2—5854
in A-type H-bands, position location in carboxylic acid salts 8747 2—8747
absorption spectra of laser flashes 2—21541
airglow, Lyman α, β and Balmer α emissions 2—20380
angular spread meas. 2—8484
anticrossings on n=3 levels, Lamb shift 2—5848
atmosphere, upper det. from ionic composition, diurnal and height variations 2—30310
atomic hyperfine separation, Stark shift measured in maser 2—12021
atomic mass, precision measurements at Osaka University 2—38843
Balmer lines, ratio of intensities as indicator of electron temp. in nonequilib. plasma 2—21820
Balmer lines in Seyfert NGC 4151 and NGC 5548 2—13862
beam, 20-100 keV, excitation of He 2—3000
beam, method for providing liquid nitrogen cooling without reducing rf discharge and dissociation degree 2—18353
beam, reflection, diffr., selective adsorpt. by LiF 2—39461
cascade excitation on passing through dense plasma and gaseous targets 2—15246
charge impact excitation of highly excited atoms 2—31711
collision with H_2, formation of H(2p) and H(2s) states 2—15245
collision with inert gases, 1-25 keV, cross sections for formation of 2s and 2p states measured 2—12026
collision with N_2 and O_2, Lyman-α emission cross sections 2—5868
collisional and radiative transition rates for bound-bound and bound-free transitions, approximate formulae 2—31715
collisions. computer-based films generated from accurate a priori computations 2—2976
collisions. large angle. with H^+. differential cross section meas. and interaction potential determination 2—710
collisions. linear reactive, with Cl_2 molecules, classical S-matrix construction 2—703
collisions. planar reactive, with H_2, cross section calc. 2—712
collisions, with H_2, exchange reaction probability. comparison of exact classical and quantum mechanical results 2—714
collisions ato produce Na D-line broadening in solar spectrum 2—7548
collisions with alkali metals, effects on spectral lines 2—15209
collisions with CO, CO_2, methane and NH_3 at 1 to 25 keV, Lyman alpha emission cross sections 2—21544
collisions with CO, slow negative ion formation processes 2—874
collisions with e-, Glauber calcs. of polarization fraction of Lyman-α radiation emitted 2—21540
collisions with H_2, H_2 excitation cross section, calc. using dose coupling equations in quasiclassical approx. 2—877
collisions with He atoms, translational absorption in transitory HeH molecule, line shape calc. 2—796
collisions with O atoms, OH formation through inverse dissociation 2—816
in cometary comas, Lα radiation and hydrodynamic description of H_2O, OH, H and O atmosphere 2—33751
cross section meas. for electron impact excitation to metastable 2s state, use of quenching process 2—8489
cross sections for production of 2s and 2p states in proton-cesium collisions 0.5-2.5keV 2—5856
detection by TiO_2 chemisorption probe 2—30106
detector, quantitative, by detection of secondary electron emission from Cu or AgMg surfaces 2—27885
dipole oscillator strengths, square of radial integral 2—31712
electron elastic scattering calc. using theory based on R-matrix method, phase shifts 2—12024
electron impact excitation, classical calc. of cross section threshold behaviour 2—2988
electron impact excitation, cross sections calc. 2—31713
electron impact ionization, 2s state, cross section meas. in energy range 8.4 to 350eV 2—5862
electron inelastic scatt., expansion technique applic. 2—35178
electron inelastic scattering, Glauber approximation 2—2989
electron scatt., cross sections calc., Vainshtein and Born approx. 2—5857
electron scatt., elastic, time-dependent Hartree-Fock treatment 2—24396
electron scatt. cross section calc. by correl. method using modified pot. 2—24397
electron scattering, determ. energy and angular dependences of differential cross section 2—28219
electron scattering, elastic, in plane wave approx. 2—699
electron scattering, elastic and inelastic, many-body calc. 2—698
electron scattering, elastic and inelastic total cross sections calc. with and without exchange effects by Fadeev approach 2—35179
electron scattering, energy and width of lowest resonance 2—8493

Hydrogen continued
- **neutral atoms** continued
  - electron scattering, excitation cross section calc. in adiabatic representation 2—8491
  - electron scattering, low energy, variational calc. 2—5858
  - electron scattering, phase shift and excitation cross section calc. 2—8490
  - electron scattering, total cross section calc., Faddeev approach 2—700
  - electron scattering effects of approximate cluster function on parameters and improved pseudostate expansion 2—11995
  - electron-proton g-factor ratio determ. magnetic moment of proton in Bohr magnetons deduced 2—12022
  - electronic structure, calc. using hybrid Gaussian type orbital 2—8486
  - exchange scattering, of positronium atoms, cross section calc. 2—5873
  - exchange scattering cross section calc., on positronium atom 2—2991
  - excitation, 1s 3d. by electron and proton impact, cross section calc. using Glauber approx. 2—5860
  - excitation, by electron impact near threshold, meas. by trapped electron method 2—701
  - excitation, by fast charged particle, eikonal DWBA analysis 2—5869
  - excitation and ionization in collisions with H, semiquantal treatment 2—21545
  - excitation by proton and α-particle impact, cross section 2—697
  - excitation by proton and α-particle impact from ground state of 3s and 3p levels, 30-2000keV method of distortion 2—24394
  - excitation of 2p state by electrons at high energies, effect of 2s-2p close coupling on cross section 2—24395
  - excitation to 2s state by 20-120 keV impact on He, Ne, Ar and N$_2$ 2—31720
  - excitation to n=3 states in collisions with He, Ne, Ar, H$_2$, O$_2$, N$_2$ 2—38849
  - excitation to np or nd states by fast proton impact, algebraic eqns. for cross sections 2—5850
  - excited (n=3), formation by high energy charge transfer and dissociation 2—5853
  - fine structure separation and const. in 2P states, level crossing technique 2—18348
  - formation of fast excited atoms by charge-transfer neutralization of H$^+$ in He and Ar 2—31716
  - formation of fast excited atoms in collisional dissociation of H$_2$$^+$ and H$_3$$^+$ on He 2—31718
  - frequency shift of hyperfine transitions by coherent perturbations 2—31710
  - galactic, absorption-line study at 21cm wavelength 2—10914
  - from Galactic centre, high velocity, as evidence of explosive events 2—26618
  - galaxies, inclination and internal absorption effects on apparent diameters, optical luminosities and HI radiation, optical and 21-cm. data 2—37267
  - in Galaxy, high-velocity neutral survey in inner region4786 2—4786
  - in galaxy, mass calc., 21 cm obs. 2—26617
  - ground state hyperfine structure, bounds to p polarizability contrib. from ep scattering 2—2984
  - ground-state hyperfine splitting, polarizability correction, rel. to structure functions of inelastic ep scatt. 2—38236
  - H(2s), fraction of atoms in this state produced by charge exchange between protons and Cs vapour 2—5855
  - highly excited states, transition cross section calc. 2—8488
  - interaction energy of two atoms, Gaussian orbitals in second-order correction calc. 2—21543
  - interstellar, distribution in Perseus arm, model using superposition of randomly located clouds 2—37316
  - interstellar, high velocity outside galactic plane, search 2—26753
  - interstellar, local, survey from Lyman α absorption obs. 2—20593
  - interstellar, role in termination of solar wind 2—30620
  - interstellar absorption line, bright O- and B-type stars in Orion region 2—4870
  - ionization by electron impact., free-fall model calc. 2—18350
  - ionization by electron impact. Glauber calc. of double differential cross sections 2—31714
  - ionospheric density, topside, from incoherent scatter obs. 2—4747
  - Lamb shift, contribution of α^2 slope of Dirac form factor of free electron 2—23771
  - long range retarded interaction, two nondegenerate atoms 2—2983
  - Lyman-α intensity distribution across solar disk and multiple scattering in atmosphere during 1970, March 7 total eclipse 2—33759
  - Lyman-α line intensities for solar corona and chromosphere during 1970, March 7 eclipse 2—33771
  - Lyman-β line, classical path calcs. for broadening 2—38847
  - Mars exosphere, Lyman-α spectra from Mariner data 2—13997
  - masers, experimental models at NPL 2—14397
  - on metal surface, field ionization 2—39559
  - metastable, collisional destruction in passage through H, He, Ne, Ar, Kr, N 2—12027
  - metastable, collisional quenching by He and Ar 2—38853
  - metastable, cross sections for electron loss in collisions with Ar, H$_2$, N$_2$ and O$_2$ in energy range 2 to 60 keV 2—28231
  - metastable, formation and equilibration by electron capture neutralization of 10-30 keV protons in H and He targets 2—12027
  - metastable, polarization of quenched-induced Lyman-α radiation 2—12035
  - multichannel photodetachment, cross section calc. using polarized orbital close-coupling approx. 2—5851
  - NGC 300 model with disk of cold gas, explanation of 21cm obs. 2—23059
  - Nova Delphini 1967 nebula, permitted line weakening between 5600 and 8800 Angstroms 2—13911
  - Orion region, anomalous columnar density 2—26747
  - pionic, X-ray yields 2—742
  - plasma, laser-produced, photon absorpt. coeff. calc. 2—12387
  - population dist. of atoms produced by electron capture collisions of protons with ground state targets, r.f.-optical study 2—5852
  - positron scattering, calculation in pseudo-state expansion formulation 2—5864
  - positron scattering, low energy, investigation using Kohn variational method 2—5863
  - proton collisions, dynamic coupling element calculation 2—705
  - pulsed beams produced by photodetachment of H$^-$ 2—12034
  - pulsed source of energetic atoms 2—12033
  - quantum induced $2S_{1/2}$-$1S_{1/2}$ photon-plasma transitions, probability 2—31709
  - radial matrix elements of radial- angular factorized H atom 2—5849
  - Rayleigh-Schrodinger perturbation theory application 2—21539
  - recombination, rate constant estimation using Monte Carlo simulation 2—715

Hydrogen continued
- **neutral atoms** continued
  - refractive index, one term Sellmeier formula for optical dispersion 2—39287
  - s-wave electron scattering, application of distortion operator method 2—20853
  - scalar, spinor, mass levels, derivation on basis of micro-noncausal theory 2—38848
  - scatterihg of electrons, theory 2—38850
  - scattering, reactive, by H$_2$, reactive scattering, quantum mechanical treatment 2—711
  - scattering, reactive, from Cl$_2$, Bl$_2$, I$_2$, ICl and IBr 2—704
  - scattering by He, Ne, Ar and N$_2$, 20 to 120 keV, Lyman-α radiation prod. 2—18311
  - scattering of electrons and protons cross sections for elastic scattering and excitation calc. using second order potentials 2—28228
  - in semiconducting and dielec. substances, dimens. modification 2—28225
  - Seyfert galaxies NGC 1068, 3227, 4051 and 4151 radio obs. at 21 cms. 2—13868
  - Slater radial integrals computation 2—8485
  - solar chromosphere, Hα and He 10830 Å line spectroheliograms, supergranules and fine structure 2—37413
  - spectra, fine and hyperfine structure 2—15243
  - spectra, obs. of H$_\beta$ satellites in presence of turbulent electric fields 2—8487
  - spectral line, Stark broadening obs. of beam-plasma system, Langmuir oscills. 2—18667
  - spectral line broadening, calc. 2—15242
  - spectral lines, at optical wavelengths in recombination spectra of gaseous nebulae 2—13879
  - spectrum, isotope effect in d.c. arc plasma 2—695
  - spin polarized atoms, production by Xe-H$^+$ charge transfer collision 2—5867
  - in spiral galaxies to account for mass luminosity ratio 2—23059
  - Stark broadening theory, exact line profile with model microfield 2—8430
  - Stark components in Coulomb field, perturbation theory calc. 2—15215
  - Stark effect produced in Lyman-α line by weak electric fields 2—18349
  - static relativistic polarisability, closed analytic expression 2—28227
  - Stern Gerlach effect, one-body mechanical treatment 2—2124
  - Takabayashi angle calc. 2—8483
  - theory, applic. of quantum electrodynamics 2—14519
  - thermosphere, diurnal variation 2—40922
  - transient species, photoelectron and chemielectron spectroscopy 2—35163
  - transition probabilities relation to radial overlap using Lie algebra generators of O(3,2) 2—21538
  - viscosity, from study of H+H$_2$ mixture 2—9043
  - e$^\pm$ scattering length, atomic wavefunction inaccuracy effect in variational calc. 2—2987
  - Fe/H ratio in F dwarfs in Coma open cluster 2—4893
  - H/He ratio in Jovian atmosphere, calc. from obs. of occultation of β Sco 2—7523
  - H-H collisions, excitation and ionization, applic. of semiquantal theory 2—21542
  - H-$\underline{H}$ collisions, interaction potential, variational calculation 2—38852
  - H-$\bar{H}$ slow collisions, calc. in adiabatic approx. 2—8494
  - H-H spin-exchange collisions, radiation frequency shifts 2—31719
  - H$^+$-H, charge transfer collisions, production of highly excited states 2—5871
  - H-H$^+$, collision cross section calc. using Gaussian functions, electron capture process 2—650
  - H-H$^+$, low energy collision, electronic translation factor 2—719
  - H-H$_2$ collinear reactive collisions, broken path model 2—26327
  - H-H$_2$ collisions, 1-30 keV, cross section for emission of Lyman-alpha radiation 2—5872
  - H-H$_2$ reactive collision, computational study of resonances 2—10596
  - H-H* collisions, adiabatic and diabatic decoupling for selected scattering states 2—12030
  - H-Hg, scattering at theral energies, determ. energy dependence of integral cross section 2—2992
  - H-Xe elastic scattering, high energy, potential energy function determination 2—31707
  - H, 2p state population following collision of H and H$^+$ with N$_2$ and O$_2$ 2—5868
  - H, collisions with He$^+$, nonadiabatic electronic transition from 1s to 2p state 2—648
  - H, destruction of 3s state by fast atom impact on N$_2$, Ar, H$_2$ 2—38854
  - H, electron scattering, exchange amplitude calc. for 1s→2s excitation 2—8492
  - H I, u.v. spectrometry on Mariner 9 for early-type stars 2—37300
  - H I Lα far u.v. emission spectrum from α Bootis (Arcturus) 2—41086
  - H$_\beta$ lines, Stark broadening 2—15241
  - HI regions, interstellar, high velocity Berkeley 21 cm line survey 2—41143
  - HI regions at high galactic latitudes 21 cm line survey 2—41142
  - H—H collisions charge exchange, continuum distorted wave calc. of cross section 2—5866
  - ^{2}H/^{1}H in ice caps, for det. of past wind strengths 2—10727
  - ^{2}H beam, accel. and extraction from synchrophasotron 2—18050
  - H+A, collisions, charge transfer and excitation reactions, ang. momentum distrib. 2—717
  - H+CH$_4$ system, UHF LCAO MO GTO study of hydrogen exchange and abstraction 2—26336
  - H+DCl, comparison of isotope exchange and abstraction mechanisms 2—16671
  - H+F$_2$O reactions in cavity of EPR spectrometer, production of OH investigated, determ. binding energy of FO 2—18545
  - H+H$^+$ scattering, coupled state calcs., impact parameter method, cross sections 2—24400
  - H+H$_2$, collinear exchange reactions, with vibr. excitation reaction probabilities and thermal rate consts. 2—10608
  - H+H$_2$, collinear reactive scattering, quantum mechanical soln., numerical methods comparison 2—26322
  - H+H$_2$, rotationally inelastic scattering, quantum mechanical treatment 2—39025
  - H+H$_2$ collinear collision, on potential energy surfaces, classical trajectory calcs. 2—30039
  - H+H$_2$ collinear reaction, quantum mechanical reaction probabilities and rate constants 2—22859
  - H+H$_2$ collinear reactions, quantum mechanical computational study, close-coupling method 2—20172
  - H+H$_2$ collinear reactive collisions, reaction path method in close coupling computations 2—26337

Hydrogen continued
  neutral atoms continued
    $H+H_2$ reaction, quantum calculations of planar reactivity, development of mathematical techniques 2—33368
    $H+H_2$ reaction, quantum calculations of planar reactivity, application of mathematical techniques 2—33369
    $H+H_2 \rightarrow H_2+H$, collinear exchange reaction, comparison of accurate quantum-mechanical probabilities with classical and transition-state theory results 2—8860
    $H+H_2 \rightarrow H_2+H$, collinear reactive collision, quantum mechanics 2—645
    $H+H_2 \rightarrow H_2+H$, rotational and vibrational distributions, exchange reaction in a plane 2—30049
    $H+H_2 \rightarrow H_2+H$ reaction probabilities, influence of variations of potential-energy surface 2—22858
    H+HCl collision system, classical trajectory study of energy transfer 2—28431
    $H+He^+$, radiative charge transfer, semi-classical and quantal calcs. of rate coefficients 2—12031
    $H+MO(CO)_6$ flames, chemiluminescence band system 2—22865
    $H(1s)+He^+(1s) \rightarrow H(2p)+He^+(1s)$, excitation process, cross sections, multistate eikonal approx. 2—24383
    H(2S), quenching in collisions with inert gases, H_2, D_2, cross sections for stripping reaction in range 0.5-2.5 keV 2—12028
    H(2p) from fast proton impact on H_2, Lyman-α radiation prod. cross section 2—18427
    H(2s) state, collisions with $C^+(2p)$, fine structure excitation cross sections at low energies 2—5834
    Hα and [N II] line profiles and brightness ratios in gaseous nebulae M8 and M42 2—37272
    Hα emission in upper atmos. 2—30317
    Hα filaments, fibrils in solar middle chromosphere 2—17089
    Hα fine structure at active region polarity boundaries in the Solar chromosphere 2—17091
    Hα fine structure in the solar chromosphere interpretation of fibrils and threads 2—17090
    Hα interferometric study of Milky Way between Carina and Aquila 2—20481
    Hα line profiles, investigation of fine structure of chromosphere 2—11140
    Hα morphology, determination of magnetic field structure of active regions 2—11115
    Hα surface photometry of the Small Magellanic Cloud 2—30424
    $He^*(1s2s^3S)+H(1s^2S)$, Penning ionization, determ. cross sections and molecular autoionization lifetimes 2—18365
    Hγ-H_{26} line splitting and shifts in stellar spectra 2—13899

  neutral molecules
    absorption profile of 3C 391 radiosource 2—13954
    atmospheric, meridional model of mesosphere and lower thermosphere 2—7271
    atmospheric, photochemistry and escape efficiency 2—7272
    autoionization rates for $\Delta_v=1$ vibrational transitions calc. by internal conversion theory 2—12139
    chemisorption on ZnO 2—33375
    collision processes, production in Mg vapour and loss in H_2 gas of 1 to 42 keV/nucleon X $^1\Sigma_g^+$ and c $^3\Pi_u$ states 2—31880
    collision with H_2, vibrational excitation of H_2 2—15427
    collisions, head-on, with K^+, K^+ energy loss meas. 2—679
    collisions, planar reactive, with H atoms, cross section calc. 2—712
    collisions, rearrangement, with D atoms, London surface pseudocrossings and dynamical features 2—713
    collisions, with H atoms, exchange reaction probability, comparison of exact classical and quantum mechanical results 2—714
    collisions, with Na^+ at 5 to 42 keV, ionization and dissociation 2—883
    collisions distributions in energy and angle of ejected electrons 2—12306
    collisions with Ar, Xe, N_2, anisotropy of total collision cross section 2—3146
    collisions with H_3^+, H_3^+ dissociation cross section meas. ar 410 to 1800 keV 2—884
    collisions with H^+, validity of Franck-Condon principle for $H^+ \rightarrow H^-$ double charge transfer at low scattering angle 2—24399
    collisions with H, H^+, formation of H(2p) and H(2s) states 2—15245
    collisions with He, abs. integral cross section meas. in energy range 0.1 to 2.8 eV, determination of intermolec. potential parameters 2—3147
    collisions with He, vibrationally and rotationally inelastic differential cross sections, exact quantum mechanical calc. 2—879
    collisions with HeH^+, HeH^+ dissociation cross section meas. at 520 to 1025 keV 2—886
    collisions with K atom, K ionization cross section 2—31706
    collisions with Li^+, thermal energy, close coupling calc. 2—878
    collisions with Na, K, Rb, Cs, energy spectrum of released electrons, isotopic effect 2—12307
    collisions with neutral Cs, excitation transfer cross sections 2—35152
    collisions with NH_3, observation of $\Delta k=\pm 3$ transitions 2—24579
    collisions with protons of up to 1.5 MeV energy, ang. distrib. of ejected electrons 2—12056
    collisions with the atoms, vibrational excitation, ang. distributions in eV region 2—876
    compressibility, equation of state 2—3323
    Compton profile calc., vibrational correction 2—21603
    Compton profile of ground state, discrepancy between theory and experiment 2—12135
    $d^3\pi_u$ state, meas. of fine structure by microwave optical magnetic resonance induced by electrons 2—24462
    D $^1\Pi_u$–X $^1\Sigma_g^+$ system, predissociation, effect of rotation on lifetime 2—21608
    diffusion coeff. of H 2—9043
    dissociation, by collision with Li^+, expt. evidence for spectator mechanism 2—18422
    dissociation, by Li^+ and Na^+ impact 2—882
    dissociation, in electric discharge, model 2—3046
    dissociation, third virial coefficient calc. 2—6154
    dissociation and reactions in atmosphere 2—7270
    dissociation by He studied at 5500K using quasiclassical approx. determ. rate constant for reaction 2—21714
    dissociative photoionization, by double electron excitation, photoelectron spectroscopy obs. 2—18423
    eigenfunctions corrected by correlation factor, $1s3s^1\Sigma^+_g$ state, LCAO-MO method 2—5929
    electron drift velocity meas. at room temp. 2—12453
    electron-impact cross sections and energy deposition 2—24457

Hydrogen continued
  neutral molecules continued
    electronic structure, ab initio LCAO MO calc. with efficient basis sets 2—21577
    emission continuum, oscillator strength 2—12143
    excitation, in collisions with H and He, cross section calc. using dose coupling equations in quasiclassical approx. 2—877
    excitation, inelastic, by electron impact total cross sections 2—794
    excitation, resonant, of $B^1\Sigma^+_u$ state by electron impact, close coupling calc. 2—793
    excitation, vibrational, in collisions with H^+ 2—881
    excitation, vibrational and rotational, by slow electron impact, 0.3-15 eV 2—790
    excited rotational states, zero field level crossing effects, radiative lifetime meas. 2—35250
    excited state, microwave optical magnetic resonance induced by electrons, g value 2—12147
    fluorescence, Ar sensitized, near resonant electronic energy transfer 2—28432
    formation of fast excited atoms in charge-transfer neutralization of H^+ on molecular gases 2—31717
    frequency shifts of quadrupolar components collision induced fundamental i.r. band 2—31799
    G(3d $^1\Sigma_g^+$) state, microwave optical magnetic resonance induced by electrons 2—21605
    ground state energy calc. by double perturbation theory with screening const. 2—8635
    intergalactic, stabilization of clusters of galaxies and closure of Universe 2—10816
    intermolecular potential, variational calc. of additivity of 2nd order contribs., $^3\Sigma_u^+$ state 2—8866
    internally excited, collisions with Na atoms, Na D-line radiation excitation 2—35161
    ion-pair processes, by electron impact, mass spectrometric study 2—8623
    ionospheric D-region, ionization process 2—7336
    isotopes, collision cross sections governing relaxation of angular momentum polarizations 2—39026
    isotopic molecules, collision integrals 2—24577
    laser pulse prod. in vacuum u.v. 2—14415
    Lyman and Werner bands, electron impact excitation 2—5931
    Lyman-α radiation, transmission props. of LiF-O_2 filter 2—23728
    Lyman-α radiation prod. from fast proton impact, cross sections 2—18427
    in M82 irregular galaxy, absorption4801 2—4801
    magnetic susceptibility, calc. using nonsymmetrical wave function 2—28295
    mass and ion kinetic energy spectra 2—28296
    metastable, lifetime of $c^3\Pi_u$ state 2—24471
    metastable $c^3\Pi_u$ state, magnetic hyperfine and Zeeman interactions 2—38914
    mixtures with O_2, determ. of vibration relaxation times by sound absorption meas. 2—38932
    N=1 (1s3p) $^3\Pi_u$ state, fine structure determination by magnetic resonance 2—18429
    nuclear coupling const. calc. by SCF LCGO MO methods, Fermi contact contrib. 2—8620
    ortho, hyperfine structure of N=1 rotational level of single vibrational state 2—787
    parity forbidden transitions, excitation by energetic electrons 2—12141
    photoelectron spectra, ang. distribs. in rot. ionization range 2—35255
    photoelectron spectra, use of cylindrical-mirror analyzer 2—35293
    photoelectron spectra at 247 Å, simultaneous excitation and photoionization 2—35256
    21.22 eV photoelectron spectrum, rotation structure 2—18431
    plasma, radiative attachment and photodetachment of free electrons in arc, cross sections 2—35586
    polarizability, frequency dependent, computation 2—792
    positron scattering low energy, rotational excitation 2—5932
    rotational excitation by slow positrons, cross section calc. in distorted wave approx. 2—24466
    rotational excitations, by collisions with Li^+, classical study 2—8859
    rotational line narrowing in inert gas mixtures due to pressure 2—8649
    rotational lines of collision induced fundamental band, frequency shift 2—8651
    rotational Raman lines, anisotropy in Dicke narrowing rel. to measure of nonsphericity of intermolecular forces 2—38903
    rotational relaxation times meas. in cryogenic shock tube, 140-450K 2—24464
    Rydberg series and ionization potential 2—38908
    scattering, reactive, of H atoms, reactive scattering, quantum mechanical treatment 2—711
    scattering of Li^+, backward, exp. inelastic differential cross sections for defined vibrational quantum transitions 2—880
    self consistent random phase approx., solution, application 2—5771
    shock waves, transverse ionizing, meas. of magnetic shock structure, shock thickness, magnetic field jump and ion temp. 2—12502
    solid, quadrupole forces from quantum lattice dynamics treatment 2—32789
    sorption by K-graphite intercalation compounds at 90 K and below 2—6370
    static polarisability and H_2-H_2 dispersion energy, variational calculations 2—21717
    transcorrelated method for accurate correlation energies using gaussian-type functions 2—35105
    transitions between excited states, possible origin of diffuse interstellar absorption lines 2—12142
    ultrasonic velocity translational dispersion frequencies to 4.10^4 MHz/atm. 2—28742
    u.v. spectra, Ly_α-fluorescence, predissociation 2—18432
    vacuum u.v. spectra below 1200 Å 2—18378
    vibrational excitation and transfer, distorted wave calculation 2—38906
    vibrational excitation by He collision energy dependence of ang. distrib. 2—28292
    vibrational force const., accurate calc. by variation perturbation method 2—8627
    vibrational-rotational excitation, by low energy electrons 2—12140
    wavefunction constructed from orbitals of H_2^+ 2—21606
    Werner band, obs. of gain by stimulated emission of vacuum u.v. radiation 2—24469
    Werner band excitation by electron impact 2—35253
    Werner bands, 1161-1240 Å, obs. of vacuum u.v. laser action 2—24470

- **Hydrogen** continued
  - **neutral molecules** continued
    - X-ray mol. scattering factors calc. 2—8865
    - Ar-H_2 system, intermol. pot. parameters, effective cross sections 2—15426
    - $D_2+C^+\rightarrow D+CD^+$, threshold and reaction cross section 2—12007
    - Ge-Cl_2-H_2 system, reactions, equilib. const. 2—30037
    - Ge(Li) diode preparation using Ti getter pumps, effect of introducing gas 2—24088
    - H_2/N_2 mixture, adsorption on reduced Fe catalyst 2—30061
    - H_2-H, reactive collision, computational study of resonances 2—10596
    - H-H_2 collinear reactive collisions, broken path model 2—26327
    - H-H_2 collisions, 10, 25, 35 keV, cross section for destruction of 3s state in H 2—38854
    - H-H_2 collisions at 10 to 35 keV, excitation of n=3 states in H 2—38849
    - 87%H_2-13%He, 10000-25000 K, radiative intensity calc. 38911 2—38911
    - H_2-He, H_2-Ne pairs, collision-induced absorption band 2—8652
    - H_2-He, mixtures test of linearity of spin lattice relaxation time as function of percentage of adulterant gas 2—8628
    - H_2-N_2, thermal recovery factors in supersonic flow of gas mixtures 2—39232
    - H_2-inert gas mixtures, proton spin lattice relaxation time meas. from 165 to 265K, collisional contrib. 2—24986
    - H_2, 1-10 eV electron scattering, differential and integrated cross sections for vibrational and vibrational-rotational excitation 2—12136
    - H_2, 10000-25000 K, radiative intensity calc. 2—38911
    - H_2, Ar, system, rotational relaxation time, Monte Carlo trajectory calc. 2—3040
    - H_2, collisions with H^+, h, 1-30keV, cross section for emission of Lyman-alpha radiation 2—5872
    - H_2, Lyman bands, relative line intensities 2—28301
    - o-H_2, solid, order-disorder change, mean-field theory 2—29473
    - H_2, vibrational excitation by electron impact, application of adiabatic-nuclei theory 2—18384
    - H_2 and D_2 gas, alpha particles $0.5\leqslant E_\alpha\leqslant 2$ MeV, atomic stopping cross section determ. 2—21534
    - H_2 and HD, reaction with F atoms, classical dynamics rel. to potential energy surface 2—26334
    - H_2 collisional quenching of H(2S) in 0.5-2.5 keV collisions 2—12028
    - H_2 continuum, lifetime and quenching rates 2—12134
    - H_2 gas, relative Raman cross section, rel. air pollution 2—35249
    - H_2 highly excited states formed by electron capture collisions of H_2^+ in H_2 gas, population determ. 2—38915
    - H_2 interstellar molecules, attempt to detect emission lines within the 3-0 vibrational band 2—20599
    - H_2 spontaneous radiative dissociation calc., fluorescent spectra 2—38912
    - H_3, calc. of 3-body energy term in $^4A_2$ quartet state 2—8622
    - H_3 highly excited principle quantum states formed by electron capture collisions of H_3^+ in H_2 gas 2—38916
    - H_3 model, nonadditivity in intermol. forces, comparison of different calculation methods 2—3143
    - $H_2(B^1\Sigma_u^+)$+He(1S), interaction potential determ. by ab initio calcs. to interpret energy transfer expts. 2—18546
    - HD-Li^+, interaction potential, rot. excitation cross sections region 2—3148
    - HD, collision integrals, calc. by first order DWBA 2—6009
    - HD, Fermi contact nuclear spin-spin coupling, molecular orbital sum-over-states method 2—8636
    - HD, Lyman bands, relative line intensities 2—28301
    - HD, mass and ion kinetic energy spectra 2—28296
    - HD, metastable, lifetime of $c^3\Pi_u$ state 2—24471
    - HD. photoelectron spectra, use of cylindrical-mirror analyzer 2—35293
    - HD, Rydberg series obs., 700-1000 Å absorpt. spectrum 2—18435
    - HD, shear viscosity, room temp. mag. field effects 2—21925
    - HD, spin spin coupling const., ab initio calc. 2—8502
    - HD beam, glory scattering by CH_4, N_2, O_2, NO, CO, CO_2, calc. using Lennard-Jones potential 2—3139
    - HD highly excited states formed by electron capture collisions of H_2^+ in H_2 gas, population determ. 2—38915
    - HD($B^1\Sigma_u^+$), excitation, quenching and vibrational energy transfer 2—12129
    - H_2—H_2 collinear collisions of diatomics, semiclassical transition probabilities 2—21715
    - $^2H_2$ desorption from Ni surfaces, speed distributions 2—6369
    - H_2+CO_2 mixtures, vibrational- rotational energy exchange, 344 to 742 K 2—3140
    - H_2+Cl collision system, classical trajectory study of energy transfer 2—28431
    - $H_2+D\rightarrow HD+H$, collisional reaction, differential reactive scattering cross section from molec. beam studies 2—28230
    - H_2+H, collinear exchange reactions, with vibr. excitation, reaction probabilities, thermal rate consts. 2—10608
    - H_2+H, collinear reactive scattering, quantum mechanical soln., numerical methods comparison 2—26322
    - H_2+H, rotationally inelastic scattering, quantum mechanical treatment 2—39025
    - H_2+H collinear collision, on potential energy surfaces, classical trajectory calcs. 2—30039
    - H_2+H collinear reaction, quantum mechanical reaction probabilities and rate constants 2—22859
    - H_2+H collinear reactions, quantum mechanical computational study, close-coupling method 2—20172
    - H_2+H collinear reactive collisions, reaction path method in close coupling computations 2—26337
    - H_2+H reaction, quantum calculations of planar reactivity, application of mathematical techniques 2—33369
    - H_2+H reaction, quantum calculations of planar reactivity, development of mathematical techniques 2—33368
    - $H_2^++H_2$ and isotopic variations, reaction kinetics from ion cyclotron resonance 2—30048
    - $H_2+H\rightarrow H+H_2$, collinear exchange reaction, comparison of accurate quantum-mechanical probabilities with classical and transition-state theory results 2—8860
    - $H_2+H\rightarrow H+H_2$, collinear reactive collision, quantum mechanics 2—645
    - $H_2+H\rightarrow H+H_2$, rotational and vibrational distributions, exchange reaction in a plane 2—30049
    - $H_2+H\rightarrow H+H_2$ reaction probabilities, influence of variations of potential-energy surface 2—22858
    - H_2+He, vibrational energy transfer 2—28433
    - $H_2+He^*\rightarrow HeH^++H+e$ chemiionization reaction studied using merged beam apparatus, 0.05→10 eV, relative cross section determ. 2—12054
- **Hydrogen** continued
  - **neutral molecules** continued
    - H_2+I collision system, classical trajectory study of energy transfer 2—28431
    - $H_2+Ne^*\rightarrow NeH^++H+e^-$, rearrangement ionization, study at high collision energies 2—10610
    - H_2+O_2 crossed beams, elastic scattering, determ. of intermolecular potential 2—3145
    - $H_2+e\rightarrow H(2S)+H+e$, dissociative excitation process, meas. angular intensity dist. of metastable atoms, deduced final states involved 2—3048
    - $H_2(1s3p)^3\Pi_u$, lifetimes, g factors and collision cross sections 2—18428
    - He-H_2 collisions, absolute total scattering cross section meas. over relative velocity range of 2000-3000 m/sec 2—28430
    - (He,H_2) collision, 0.02-2MeV, determ. of cross section for electron loss 2—739
    - O_2-H_2 flames, premixed, spectroscopic applic. 2—22894
- **Hydrogen compounds**
  - *see also Ice; Steam; Water*
  - amidosulphiric acid, convective mass transfer coeffs. meas.. Thoma method 2—4583
  - elementary reactions of neutral species 2—7165
  - group V and VI hydrides, photoelectron spectra and valence shell orbital structures 2—8576
  - H_2S_1, refractive index of liquid in temp. range 130-260 K 2—18825
  - $H_3O^+.(H_2O)_2$ and $H_3O^+.H_2O$ in equatorial D-region ionosphere, comparison of upleg ram with downleg wake 2—16908
  - halides, gas phase absolute intensities of i.r. vibrational bands, influence of bond and lone pair moments on total dipole moment 2—28298
  - halides, in CCl_4 soln., absolute intensity of i.r. bands, signs of M_l quantities in dipole moment 2—28299
  - halides, reactions with atomic Fl, initial vibrational energy level distrib. determ. by i.r. chemiluminescence 2—10607
  - Hbr, refractive index of liquid in temp. range 130-260 K 2—18825
  - HCN and HNC spectral lines obs. in NGC 2264 Bok globule new notation for unknowns, HNC≡U90.7 2—30435
  - hydride molecules, photoejection of proton 2—24472
  - hydrides, analogues to ionized inert gases, mol. orbitals from vac. u.v. and photoelectron spectra 2—18409
  - hydrides, groups IV to VII, quantum mechanical calc. of molecular radii 2—35227
  - phthalocyanine, tight binding energy band calcs. 2—13261
  - polyheavywater, chem. comp. determ. 2—35737
  - H_2S preparation from atomic hydrogen and solid ^{34}S, for nuclear reactions 2—14741
  - DBr, hyperfine structure and Stark effect of J=O→rotational transition 2—8648
  - DBr+ethane photolytic system abstraction reaction, threshold energy 2—13587
  - DCl-DCl collisions, trajectories and rotational energy transfer, computer graphics studies 2—875
  - DCl, electronic absorption spectra, states assoc. with $(\sigma^2\pi^3)c\pi$ and $(\sigma^2\pi^3)c\sigma$ configuration 2—18424
  - DCl, far i.r. rotational spectra, line shape parameters, interferometric meas. 2—15302
  - DCl in Ar and other matrices, i.r. spectra at 20 K 2—24452
  - DCl+H, comparison of isotope exchange and abstraction mechanisms 2—16671
  - DF, molecule, superradiance, high gain i.r. transitions 2—15309
  - DF, photoelectron spectra, use of cylindrical-mirror analyzer 2—35293
  - $(DF)_2$, study of radiofrequency and microwave spectrum, interpretation as nonrigid molecules 2—21614
  - $(DF)_2$ microwave and r.f. spectra 2—8645
  - DI, repulsive potential curve, semi-experimental determ. 2—3043
  - DI, repulsvie potentials from electronic absorption spectra 2—12144
  - DI+ethane photolytic system, abstraction reaction, threshold energy 2—13587
  - D_2O, containing magnetic nuclei, n.m.r. obs. of enclathration as form of magnetic isolation 2—22843
  - DOF, microwave spectra, rotational constants and structural parameters 2—8626
  - DS-, formation by dissociative attachment in HDS and D_2S 2—24458
  - D_2S, dissociative attachment, formation of DS- 2—24458
  - D_2S, dissociative electron attachment, cross section for DS^- formation 2—12137
  - D_2S, millimeter and submillimeter wave rotational spectrum, rotational constants and centrifugal distortion effects 2—21600
  - D_2S, nuclear hyperfine structure and mol. constants from mol. beam expt. 2—8611
  - DSSD, millimeter wave rotational spectrum, anomalous K doubling by centrifugal distortion 2—24461
  - DSSD millimetre wave rotational spectrum, Q branches 2—24451
  - H complexes, H_2 phthalocyanine, relaxation mechanisms from excited singlet states, spin-orbit coupling effects 2—35279
  - H_3AsO_4, oxidation, u.s. field effect 2—30067
  - HBO isolated in Ar matrix, i.r. spectrum 2—28293
  - H_3BO_3, effect on dielec. props. of hydrous alumina film 2—9265
  - HBr-DBr collisions, vibration to rotation energy transfer 2—31881
  - HBr, absolute i.r. intensity meas., value of terms Mi of dipole moment function 2—28297
  - HBr, adsorption on SiC, room temp. 2—29070
  - HBr, dissociation in shock waves, rate meas. at 1500 to 2700K 2—24459
  - HBr, mixtures, vibration-to-vibration energy transfer 2—8625
  - HBr, vibrational and rotational excitation in He(2^3S_1) Penning ionization 2—21716
  - HBr, vibrational relaxation in H halides 2—8624
  - HBr (Cl)(I) cryst., ferroelec., critical effects in n.q.r. spectra 2—10588
  - HBr chemical laser based on H_2+Br_2 reactions, obs. of self-mode locking, discussion of reaction and initiation mechanism 2—27467
  - HBr in DBr solution, spin-lattice relax. and molecular motion 2—6253
  - HBr^+, v=0 level of $A^2\Sigma$ state prod. in He^++HBr collisions 2—31883
  - HBr→K→H+KBr, trajectory calc. in eV region, computer program 2—33370
  - HBr+He^+, emission spectrum obs, excted state prod., v=0 level in $A^2\Sigma$ state of HBr^+ 2—31883
  - HBr+K→H+KBr, total reaction cross section, computer trajectory calc. in eV region 2—677
  - HCL, spectroscopic method for determ. dipole moment and polarizability function 2—18377
  - HCN, crystalline, absorption intensity of librational mode 2—10383
  - HCN, in cometary spectra, detection 2—26863

Hydrogen compounds continued
HCN, obs. in spectra of young cluster NGC 2264 2—37313
HCN, rotation bending energy levels calc. 2—31754
HCN, rovibrational energy levels, calc. using rigidly bending rigid-rotor Hamiltonian 2—15306
HCN in IRC+10216 and $^{12}C/^{13}C$ abundance ratio 2—4843
HCN isotopes in Ar matrices, i.r. spectra 2—8643
HCN laser, pulsed gain , time behaviour 2—271
HCN laser, spiking pulses origin 2—23591
HCN laser, submillimeter, operating at 336 μm, monochromaticity obs. 2—23592
HCN laser plasmas with H_2 and D_2, 337 μ emission obs. 2—24468
HCN magnetic anisotropy deduced from diamagnetic susceptibility calc. by MO wavefunctions 2—35317
HCN pulsed 337 μm laser, output and plasma electron density variation obs. 2—23590
HCNO, i.r. spectrum, hot band analysis, l-type doubling const. 2—8632
$H^{13}CO$ as possible identification of X-ogen, negative results from Orion A 2—20601
HCP and HCN, comparison of molecular structure and properties by CNDO/2 method 2—18426
HCl-H_2, upper limits to probability of collision-induced transfer from J to J-ΔJ, mechanism for rotational relaxation 2—15423
HCl-HCl collisions, trajectories and rotational energy transfer, computer graphics studies 2—875
HCl-H_2O, Venus upper clouds, composition from occultation, transit and spectral data 2—41199
HCl, absolute i.r. intensity meas., values of terms Mi of dipole moment function 2—28297
HCl, electronic absorption spectra, states assoc. with $(\sigma^2\pi^3)c\pi$ and $(\sigma^2\pi^3)c\sigma$ configuration 2—18424
HCl, far i.r. rotational spectra, line shape parameters, interferometric meas. 2—15302
HCl, far i.r. spectra in liquid Ar and Kr 2—35252
HCl, gaseous and solid, X-ray K-absorption spectra 2—3036
HCl, HBr, orthorhombic, growth method effects in Raman spectra 2—29930
HCl, oxidation of Si 2—39521
HCl, perturbed by Ar, vibr.-rot. spectrum, line widths and shifts 2—8618
HCl, photodissociation using laser radiation 2—21524
HCl, photoionization, cross sections of valence mol. orbitals, valence electron approx. 2—8621
HCl, pressure broadening of rotational Raman lines 2—38913
HCl, profiles of i.r. absorption bands in liquids, rotational motion 2—775
HCl, refractive index of liquid in temp. range 130-260 K 2—18825
HCl, relaxation rate from $v''=3$ vibr. state excited by dye laser radiation 2—24454
HCl, rot. collisional number and heat cond. 2—18767
HCl, rotational Raman lines, meas. of pressure broadening 2—3039
HCl, self-consistent field study of bonding, geometry and physical props. 2—8630
HCl, self-diffusion in plastic crystals 2—32569
HCl, tranverse flow c.w. chemical laser 2—17597
HCl, very dilute electrolyte, Hall effect 2—15606
HCl, vibrational and rotational excitation in He(2^3S_1) Penning ionization 2—21716
HCl adsorbed on rutile, i.r. spectra 2—15678
HCl aqueous, composition of Cytherian cloud tops 2—11012
HCl aqueous solns., radial distribution functions, X-ray diffraction study 2—21958
HCl chemical laser based on H_2+Cl_2 reactions, obs. of self-mode locking, discussion of reaction and initiation mechanism 2—27467
HCl complexes, effect of intermolecular Van der Waals interactions on i.r. spectra 2—24575
HCl dissociation in Ar, Monte Carlo trajectory calculations 2—37029
HCl in DCl solution, spin-lattice relax. and molecular motion 2—6253
HCl molecular beam electric resonance spectroscopy, Stark-Zeeman spectra obs. 2—12145
HCl molecules in hexamethylenetetramine crystals, proton magentic resonance, orientational effects 2—33354
HCl mols., vibr. energy during chem. reaction 2—26335
HCl reactions with CH_3 and CF_3 radicals, BEBO calcs. of activation energies and kinetic isotope effects 2—26338
HCl single crystal, structure and phase transition, X-ray and neutron diffr. obs. 2—32457
HCl solutions in formamide, relative partial molal heat capacity and enthalpy of HCl from e.m.f. meas. 2—28834
HCl^+, v=0 level of $A^2\Sigma$ state prod. in He^++HCl collisions 2—31883
$(HCl)_2$ dipole moment obs. 2—8645
$HClO_4.3H_2O$, hydrogen bonding and cryst. struct. 2—29142
HCl+Cl collision system, classical trajectory study of energy transfer 2—28431
HCl+H collision system, classical trajectory study of energy transfer 2—28431
HCl+He^+, emission spectrum obs., excited state prod., v=0 level in $A^2\Sigma$ state of HCl^+ 2—31883
$HCrO_2$, magnetically ordered system with superexchange through H bond, proton tunnelling 2—1603
HD, fluorescent spectrum in Lyman system, vibrational radiative lifetimes 2—38912
HD, rearrangement ionization reactions with high kinetic energy Ne metastables 2—12013
HD thermal conductivity meas. under the influence of a magnetic field 2—12510
HDS, dissociative attachment, formation of HS- and DS- 2—24458
HDS, dissociative electron attachment, cross section for HS^- and DS^- formation 2—12137
HDS, microwave rotational spectrum, centrifugal distortion analysis and rotational constants 2—8631
$HD^{80}Se$, hyperfine structure of $4_2\rightarrow4_1$ rotational transition by beam maser spectroscopy 2—24455
HF, analogue to ionized inert gas, mol. orbital determ. from vac. u.v. and photoelectron spectra 2—18409
HF, atmospheric pressure chemical laser, pulsed operation 2—17606
HF, chemical lasers from flash photolysis of N_2F_4+RH systems 2—270
HF, comparison of one centre and polycentre wavefunctions in HF formulation 2—35204
HF, electronic states, absorption and emission spectra 2—38907
HF, in H_3-F_2 chemical laser, time resolved spectroscopy, vib.-rot. transitions 2—5364
HF, laser, transversely pulse initiated 2—21072
HF, line strengths and collision broadened half-widths obs. 2—8650
HF, meas. of pressure broadening of rotational line at 40 cm^{-1} using far i.r. spectrometer 2—8634
HF, molecule, superradiance, high gain i.r. transitions 2—15309
HF, photoelectron spectra obs., use of cylindrical-mirror analyzer 2—35293
HF, photoionization cross sections of valence mol. orbitals, valence electron approx. 2—8621
HF, room temperature rates of vibrational relaxation by HF, Ar, N_2, D_2, H_2, CO_2 determ. from laser- induced fluorescence 2—21615
HF, strengths and widths of first overtone band 2—38910
HF, vibration-rotation interaction term, contribution to potential 2—791
HF, vibration rotation bands, evaluation of r-centroids and higher terms of elec. dipole moment 2—21609
HF, X-ray mol. scattering factors calc. 2—8865
HF addition-elimination chemical laser, flash photolysis of ethylene and tetrafluorohydrazine 2—21075
HF and HF_2-, role in dissolution of SiO_2 films in acidic solns. 2—10628
HF chem. laser, use of MoF_6 to increase reaction rates in H_2-F_2 mixtures 2—23589
HF chemical elimination laser from $O(^1D)+CH_nF_{4-n}$ reactions 2—31045
HF chemical laser, double discharge initiated, using $SF_6+C_4H_{10}$ and SF_6+H_2 2—7925
HF chemical laser, performance with N_2 or He diluent 2—21076
HF chemical laser, pulse delay measurements between flashlamp initiation and pulse onset 2—7924
HF laser, power and efficiency obs. 2—21071
HF model of large amplitude vibrational motion of coupled rods 2—8646
HF molecular beam electric resonance spectroscopy, Stark-Zeeman spectra obs. 2—12145
HF molecule, vacuum u.v. spectra below 1200 Å 2—18378
HF pulsed chem. laser initiated by transverse discharge 2—7922
HF^+, ab initio SCF calc. of potential energy curves 2—24465
HF_2, i.r. spectrum, null gap region, rotational structure 2—12133
$(HF)_2$, microwave and r.f. spectra 2—8645
$(HF)_2$, study of radiofrequency and microwave spectrum, interpretation as nonrigid molecules 2—21614
$(HF)_2$ dipole moment obs. 2—8645
$(HF)_6$, CNDO/2 study of properties of ionic defect structure 2—9596
HFDF, study of r.f. and microwave spectra, interpretation as rigid molecules 2—21614
HHe^+ and HHe^{2+}, ground state energy calc. by double perturbation theory with screening const. 2—8635
HI, absolute i.r. intensity meas., values of terms Mi of dipole moment function 2—28297
HI, repulsive potential curve, semi-experimental determ. 2—3043
HI, repulsive potentials from electronic absorption spectra 2—12144
HI line, lunar occultation studies of centre region of Galaxy 2—4788
HI_2 radical, i.r. detection through matrix-isolation technique 2—21604
HIO_3, nonlinear crystal, growth method and applications 2—29090
α-HIO_3, parametric light sources, frequency stability 2—38141
HIO_3 crystal, nonlinear polarization and phase-matching conditions 2—26101
H_5IO_6, powder samples, ^{127}I n.q.r spectra resonance frequencies of transitions, coupling constants 2—10587
HI+Cl→HCl+I, enhanced collision energies, detailed rate constant determ. by i.r. chemiluminescence method 2—13567
HN_3, rotation-vibration spectrum in near i.r. and visible 2—15303
HNC, interstellar, in galactic sources W51 and DR21, emission at 90665.0 MHz 2—7461
HNCO, excitation 1_{01}-O_20_{00} transitions in interstellar medium 2—26759
HNCO, interstellar, in galactic centre source Sgr B2, $^4O_4$-$^3O_3$ transition at 87925.45 MHz 2—7461
HNCO, microwave spectra, rotational transitions 2—38902
HNCO and DNCO, molecular-beam microwave spectra 2—31795
HNCS, liquid, temp. dependence of vibr. band intensities in i.r. spectra 2—12567
HNO, far u.v. system, oscillator strength meas. 2—18430
HNO_2, cis and trans, microwave spectrum, structure, dipole moment and quadrupole coupling constants 2—788
HNO_3, atmospheric, radiation absorption 2—26501
HNO_3, very dilute electrolyte, Hall effect 2—15606
HNO_3 rotational submillimetre emission lines in the stratosphere 2—7264
HNSO, ultraviolet absorption spectrum, diffuse bands between 2690 and 2387Å 2—35251
H_2O-H_2O_2 dimers, molecular orbital theory of hydrogen bond 2—38905
H_2O-H_2O_2 dimers, molecular orbital theory of hydrogen bond 2—38905
HO_2-, from photolytic reactions, kinetic analysis of absorption spectrum 2—24460
HO_2 radical, geometry and electronic structure, SCF CI calculation 2—31794
HO_2 radical in the gas phase, absorption spectrum and reaction kinetics 2—37038
H_2O, study of evolution of martian atmosphere 2—41194
H_2O_2, barrier to internal rotation, investigation using H-F approx. 2—8641
H_2O_2, calculation of ground state in two-centre approximation 2—789
H_2O_2, in solids, O-O bond shortening 2—39662
H_2O_2 dimers, molecular orbital theory of hydrogen bond. 2—38905
H_3O, and D_3O, refutation of reported discovery in e.s.r. studies of u.v. irradiated perchloric acid glasses 2—37054
$H_5O_2^+AuCl_4^-.2H_2O$, ^1H, ^2H n.m.r. and ^{35}Cl n.q.r.. phase transitions and molec. motion 2—10548
HOCl, i.r. spectrum, gas phase, ν_2 band study 2—18425
HOF, in dil. N_2 matrix, i.r. spectrum, obs. of fundamental frequencies 2—8638
HOF, microwave spectra, rotational constants and structural parameters 2—8626
$H_3O^+(H_2O)_n$, n=0-4, structures and energetics, ab initio MO calc. 2—24456
$H_3O^+_{aq}+e^-_{aq}$, evidence that H atoms are not major product 2—7186
H_3PO_4, effects of diamagnetic ions on relaxation of ^{31}P in aqueous solutions 2—1121
H_3PO_4 in water, diffusion coeffs. 35°C 2—28826
H_2PPF_2, microwave spectrum, conformation determination from Stark effect analysis 2—15305
H_2S-O_2 flame, vibr. temp. of SO radical 2—22874
HS- formation by dissociative attachment in H_2S and HDS 2—24458
H_2S, adsorption on Fe, LEED structural study 2—6359

Hydrogen compounds continued
H_2S, and isotopic species, submillimeter wave spectra, rotational transition assignment 2—12146
H_2S, chemisorption on Cu, LEED and Auger spectroscopy obs. 2—3560
H_2S, dissociative attachment, formation of HS- 2—24458
H_2S, dissociative electron attachment, cross section for HS^- formation 2—12137
H_2S, microwave spectrum and centrifugal distortion effects 2—38904
H_2S, negative ion formation by dissociative attachment 2—32114
H_2S, p.m.r. line shape and second moment at 58K, H-H distances 2—26302
H_2S, self-diffusion in plastic crystals 2—32569
H_2S, structure of ^2A, band in photoelectron spectrum correlated with transitions to vibrational-rotational levels 2—24474
H_2S concentration in the Black Sea, a photometric method of determination 2—13664
H_2S gas, X-ray scattering factor, and diamagnetic susceptibility calculation using SCF wavefunction 2—786
H_2S molecule, photoionization total and differential cross sections, X- and u.v. excitation, calcs. 2—18458
H_2S photoelectron spectrum, calc. of vibrational envelope and bond angle in first excited state of H_2S^+ 2—28303
H_2S reaction with CH_3 radicals BEBO calcs. of activation energies and kinetic isotope effects 2—26338
H_2S^+ radical ion, comparison of photoelectron and optical spectroscopy 2—21616
H_2S_n (n=2,3...8), predicted and observed spectral properties 2—15336
H_2SO_4, convective mass transfer coeffs. meas., Thoma method 2—4583
H_2SO_4 solutions, simultaneous det. of U and Th by gamma spectrometry 2—40857
HSSD, millimetre wave rotational spectrum, $^rQ_0$ branch 2—38909
HSSH millimetre wave rotational spectrum, P,Q and R branches 2—28294
$H_2S(Se)$, adsorption on SiC, room temp. 2—29070
H_2S+O_2 flame, rot. temp. 2—11381
H_2Se, p.m.r. line shape and second moment at 58K, H-H distances 2—26302
HSiBr, Hamiltonian for large amplitude bending and K-type rotation, effect on higher rot. energy levels 2—12131
$HSiBr_{3-n}I_n$, ground vibrations determ. from Raman spectra, identification from p.m.r. spectra 2—24487
$HSiCl_{3-n}I_n$, ground vibrations determ. from Raman spectra, identification from p.m.r. spectra 2—24487
HSiI absorption spectrum 4600-5600Å, obs. in flash photolysis of SiH_3I, geometry of upper and lower states 2—35260
$HSiI_3$, ground vibrations determ. from Raman spectra 2—24487
HTO in H_2O, laser Raman spectra, contributions of OT and OH stretching vibrations 2—32268
HTO in troposphere, vertical profiles and transport 2—22981
HX, DX, X=F, Br, Cl, chemical laser, pulsed transverse discharge 2—17599
^2HF laser, chemical, from D_2+F_2, D_2+NF_3, $D_2+N_2F_4$ and D_2+FNO_2 mixtures, spectral obs. 2—27481
Hf-H system, spin lattice relax., electronic contrib., spin echo method 2—16405
Hf i.r. absorption cell, construction, gas handling apparatus 2—37934
Lu-H system, p.m.r. linewidth temp. depend., second moment calc. 2—7144
Nb-H alloy, plastic deform., effect on elec. resistivity 2—39935
Nb-H system, proton spin-lattice relax. times, conc. depend. 2—7008
Ni-H system, crit. atomic ratio for disappearance of ferromagnetism 2—40490
Ni-H system, h.p. Hall effect 2—4378
Pd-Ag-H system, elec. resist., 25°C, H_2 press. depend. 2—25769
Pd-H, positron annihilation, electronic structure detn. 2—19531
Ta-H system, p.m.r., 77-300 K 2—20165
Ta-H(D) interstitial alloy, resist., comp. and temp. depend. 2—9960
Ti-H system, spin echo investigation 2—16401
Ti-H system, spin lattice relax., electronic contrib., spin echo method 2—16405
V-H system, H ordering in β-V_2H 2—32783
Y-H system, spin lattice relax., electronic contrib., spin echo method 2—16405
Zr-H system, spin lattice relax., electronic contrib., spin echo method 2—16405
Hydrogen ion concentration *see Electrochemistry*
Hydromagnetics *see Magnetohydrodynamics*
Hydrometry *see Flowmeters*
Hydrophones *see Oceanography; Transducers*
Hydrostatics
equation rigorously derived from statistical mechanics 2—8870
equilibrium of very large masses, isostatic theory 2—20266
equilibrium of very large masses, isostatic theory 2—20265
pressure vessel evaluation by volume change under hydrostatic load 2—14053
stellar evolution, hydrostatic adjustment and mechanism of red giant development 2—26672
tensile loading test structure in hydrostatic pressure environment 2—17136
Hygiene *see Medical science*
Hygrometers
microconcentrations of moisture in gases 2—26485
psychrometer, heated air adiabatic saturation, construction and testing 2—30270
testing at high temperatures 2—26484
Hyperfine structure *see Crystals/hyperfine field interactions; Paramagnetic resonance and relaxation; Spectra*
Hyperfragments *see Hypernuclei*
Hypernuclei
binding energy of Λ particle, variational approach 2—18083
binding energy prediction using new working model 2—8281
decay probabilities, nonmesonic and pi-mesonic, and Λ potential well depth 2—21373
production, by high energy protons and electrons 2—21372
production in 1.5 GeV/c K^- interactions with light nuclei 2—38622
production with A=3 nuclei by K^- reaction at 1.5 GeV/c studied 2—38621
π^- mesic decays, final state interactions, calc. of angular and energy distributions 2—459
^4H, meson-less decay model 2—24145

Hypernuclei continued
^4He, meson-less decay model 2—24145
${}_{\Lambda}^{10}B$, binding energy calc. from K^--captive in ^{12}C 2—24146
${}_{\Lambda}^{3}H$ photoproduction, current algebra 2—18094
${}_{\Lambda}^{7}Li$, binding energy calc. from K^--captive in ^{16}O 2—24146
${}_{\Lambda}^{7}Li \rightarrow {}^4He\ {}^3He\ \pi^-$, energy and angular distributions of decay products 2—38478
${}_{\Lambda}^{7}Li \rightarrow pd\alpha\pi^-$, energy and angular distributions of decay products 2—38478
${}_{\Lambda}^{8}He$, existence established, Λ-hyperon separation energy 2—5648
${}_{\Lambda}^{9}Be$, binding energy calc., variational principle, $\alpha-\alpha-\Lambda$ structure, Λ-N force 2—31452
${}_{\Lambda}^{9}Be$, ground state, calc. including repulsive core 2—8282
Hyperons
see also Mesons; Nuclear reactions and scattering due to/hyperons
hyperonic matter studied using lowest- order variational theory, equation of state determ. 2—18070
well depth determ. in hypernuclei 2—8281
Λ, structure, investigation using Veneziano model for $\pi N \rightarrow K\Lambda$ reaction 2—17930
Λ, upper limit to elec. dipole moment 2—11644
absorption
No entries
capture
Σ^-, mean orbital capture time in emulsion 2—433
decay
Cabibbo's theory, configuration mixing and renormalization 2—23893
hadronic decays in current-current quark model 2—11642
non-leptonic, investigation using ur-citon scheme 2—23892
nonleptonic, current algebra and final state interactions 2—34732
nonleptonic, current current quark model 2—17977
nonleptonic, description by Cabibbos weak Hamiltonian, $\Delta I=1/2$ rule and Lee-Sugawara relation 2—14703
nonleptonic, unsubtracted dispersion relations, CP invariance, octet dominance used 2—31329
nonleptonic decay, once subtracted dispersion relations for amplitudes 2—17975
radiative, as test for nonleptonic weak interaction models 2—17857
radiative weak decay amplitudes 2—17976
Λ, λ polarized, β-decay rate meas. 2—14704
Λ, polarized, β-decay, vector and axial vector form factors determ. 2—14705
$\Lambda^0 \rightarrow \pi^- p$ charged nonleptonic decay, meas. of the β-parameter 2—34733
$\Lambda \rightarrow pe\text{-}\nu$, axial vector to vector coupling constant ratio by electron neutrino angular distribution 2—14706
$\Lambda(1520) \rightarrow \Sigma(1385)\pi$, studied in $K^-p \rightarrow \Sigma(1385)\pi$ reaction near $\Lambda(1520)$ resonance 2—17981
$\Sigma^- \rightarrow ne^-\bar{\nu}$, polarised Σ^-, electron asymmetry parameter meas. 2—34737
Σ^+, decay branching ratio determ. 2—433
Σ^+, lifetime determ. 2—433
$\Sigma^+ \rightarrow pe^+e$-, predictions of decay rates 2—34738
$\Sigma^+ \rightarrow p\gamma$, radiative weak decay, branching ratio and asymmetry parameter 2—17976
$\Sigma^+ \rightarrow p\mu^+\mu^-$, predictions of decay rates 2—34738
$\Sigma \rightarrow \Lambda e^+e^-$, soft photon radiative corrections to Dalitz plot and spectrum in mass of e^+e^- pair 2—14709
detection, measurement
No entries
effects
No entries
interactions
see also Hypernuclei
hyperon-nucleon, separable two-channel potential model 2—38328
hyperon-nucleon interactions, quark model rules for total cross-sections 2—11643
ΛN, charge symmetry breaking interaction, rank-2 potentials 2—8208
ΛN, charge symmetry breaking interaction, separable potentials 2—14708
$\Xi^0 p$, cascade reactions, cross section calc. in elastic and inelastic channels 2—17982
YN, recent developments 2—38329
magnetic moment
Λ moment spark chamber meas. 2—11645
mass
Λ^0, determination from proton and π^- tracks from decay 2—34734
$\Xi(1530)$, meas. of mass, width, electromagnetic mass difference 2—34739
production
$K^+\Lambda^0$ photoproduction from hydrogen at constant momentum transfer between 1.05 and 2.2 GeV 2—34661
$K^+\Sigma^0$ photoproduction from hydrogen at constant momentum transfer between 1.05 and 2.2 GeV 2—34661
Λ, in final states of K^-d reactions at 3.4 GeV/c 2—23838
Λ, produced in inclusive pp interactions, test of limiting behaviour 2—17978
Λ^0 from $\bar{p}d$ reactions at 1.09-2.90 GeV/c, double scattering effect and missing mass spectrum 2—34736
$\Lambda(\Sigma)$ in $\bar{p}d$ collisions below $\bar{p}p \rightarrow \bar{\Lambda}\Lambda$ threshold, possible study of $\bar{Y}N$ annihilation 2—432
$\Lambda(1327)$, search for in 740 MeV/c K^-p interactions 2—17979
$\pi^+p \rightarrow K^+\Sigma^+$, polarization of resisting sigma meas. at 1.11 GeV/c 2—38305
Σ, in 10 GeV/c K-p interactions 2—34735
Σ hyperonic atoms, probability of formation when K- meson is stopped in various target elements 2—12062
$\Sigma(1385)\pi$ production near $\Lambda(1520)$ resonance from K^-p reaction, analysis by partial waves and moments 2—17981
$\Sigma\pi$ charged pairs, by K^- meson capture at rest on hydrogen in emulsion, determ. ratio of Σ^+ to Σ^- prod. 2—433
^{12}C cascade interactions with π^-, 5 GeV/c two-Λ^0 prod. 2—14707
resonances
$KN\Lambda$, coupling constants and zeros in ω-plane of T^+ and T^- KN amplitudes 2—2552
$\Lambda(1520)$, study of $\Sigma(1385)\pi$ production near this resonance 2—17981
ΣKN, coupling constants and zeros in ω-plane of T^+ and T^- KN amplitudes 2—2552
$\Sigma(1760)$, study of formation in $K^-p \rightarrow K^-p\pi^0$, reaction 2—38330
Ξ^*, search for K^-p interactions at 3.95 GeV/c 2—23895
$\Xi(1530)$, meas. of mass, width, electromagnetic mass difference 2—34739
scattering
$\Lambda\Lambda$ amplitudes, bootstrap sum rules 2—11632
$\Lambda\pi$, pomeron coupling 2—17980

Hyperons continued
- **scattering** continued
  - $\pi\Lambda$, $\pi\Sigma$, implications of finite energy sum rules 2—8171
  - $\pi\Xi$ backward, possible difficulties with u-channel exchange degeneracy 2—34686
  - $\Sigma\Sigma$ amplitudes, bootstrap sum rules 2—11632
  - $\Sigma^{\pm}p$, total and differential cross sections, 130-180 MeV/c, allowed regions for singlet and triplet scattering lengths 2—5561
  - $\Xi\Xi$ amplitudes, bootstrap sum rules 2—11632
- **spin and parity**
  - polarization in meson-baryon reactions in Regge models 2—38283

Hypersonics *see Ultrasonics*

Hypertritons *see Hypernuclei; Tritons*

Hypervirial theorem *see Quantum theory*

Hypochromism *see Absorption/light; Polymers*

Hysteresis
- *see also Dielectric phenomena; Dielectric properties of substances; Ferroelectric phenomena; Magnetization process*
- Alnico, domain struct. change during partial hysteresis cycle 2—13388
- digital simulation applied to solution of partial differential eqns. 2—11430
- Elinvar film, domain struct. study 2—13406
- ferrimagnet, energy change effects 2—33138
- ferroelectric, thermodynamic theory, book 2—13314
- ferroelectric loop, coercive field, domain shape effect 2—13311
- ferromagnet, energy change effects 2—33138
- ferromagnet, idealized elliptical magnetiz. charact., flux penetration 2—13395
- ferromagnetic materials, calc. of hysteresis curves, theory 2—4364
- general phenomenology, statistical approach considering Hessian singularities 2—14124
- hollow cylindrical magnetic domain, multiple hysteresis 2—36690
- hysteresigraph method for thin film prop. eval., M-signal analysis 2—33150
- magnetic anhysteresis susceptibility, theory 2—6937
- magnetic basalts, det. of single or multidomain character 2—37100
- measurement of ferromagnetic samples by vibrating sample magnetometer 2—14369
- mechanical and ferromagnetic, mathematical model 2—17293
- mechanical hysteresis-determ. using Boltzmann superposition principle 2—37689
- neptunium (V) oxalate, magnetic properties studied from 2.4-37.5K, hysteresis obs. below 8K 2—19888
- Nimalloy, effect of Fe and Mo additions 2—13400
- permalloy film, magnetization reversal, stray field blocking, rotational hysteresis 2—4393
- Perminvar effect, domain wall effect on hysteresis loop shape 2—4356
- plasma, coupled h.f. and l.f. oscillations 2—28664
- polyvinyl chloride, hysteresis effect in variation of electrical conductivity with field and temp. 2—4264
- α-quartz, piezoelec. deform. 2—16296
- rotational, oxidized synthetic and natural titanomagnetites 2—1599
- silica gel, sorption-desorption hysteresis, cavity theory 2—35921
- steel, transformer, effect of mag. texture 2—40477
- stepwise remagnetization, torodial strip cores 2—17533
- superconducting hollow cylinder props., surface and bulk hysteresis contribs. 2—1493
- superconductor, type-II, mixed state, neutron depolarization obs. 2—6779
- thermal in triglycine sulphate, Curie temp., second harmonic scatt. 2—16294
- triglycine sulphate, ferroelectric, biased loops 2—6888
- Vicalloy, domain struct. change during partial hysteresis cycle 2—13388
- Ar adsorption on prefrozen ethylene layers 2—22088
- $BaTiO_3$-$BaZrO_3$ ageing, ferroelec. hysteresis study 2—29401
- $(BiNa)_{1/2}TiO_3$, D-E loops above 200°C rel. to ferro-/antiferroelec. nature 2—29088
- Co, powder, aerosol, at various degrees of oxidation 2—16376
- $CuFe_2O_4$-$MnFe_2O_4$-Mn_3O_4 solid solution, effect of heat treatment 2—1627
- EuO: Fe, Gd films, swquare loop obs. 2—13438
- Fe:Si, film, hysteresis loop, domain struct., mag. props. 2—16368
- Fe-Al alloy, rel. to temp. depends. of mag. loss 2—19878
- Fe-Ni film, electrodeposited on cylindrical substrate, magnetic properties 2—40507
- (Fe,Co,Ni)-NbC, magnetically soft eutectic composite 2—22687
- Fe, rel. to temp. depend. of mag. loss 2—19878
- Fe film, electrodeposited, effect of S-containing cpds. 2—19895
- Fe film, electrodeposited, effect of fine cryst. struct. 2—19894
- Fe losses under combined alternating and rotating fields 2—10108
- αFe_2O_3, fine particle, magnetic properties 2—16375
- $Gd_2(MoO_4)_3$, ferroelec., anomalous optical hysteresis 2—19971
- KD_2PO_4, double-loop dielec. hysteresis 2—6883
- KH_2PO_4, double loop due to field-induced transition 2—10123
- $Mg_xFe_{3-x}O_4$, containing antiferromag. Precip. 2—22693
- MnAl-B alloys, composition dependence of coercive force 2—29795
- $NaH_3(SeO_3)_2$, effect of γ-radiation on dielectric hysteresis loop 2—1553
- Ni-Fe alloy, Rayleigh hysteresis effect, current flow effect 2—33148
- Ni-Fe rectangular hystersis core, flux reversed 2—36716
- Ni, electrolytic, magnetoelastic, anisotropic effects, in magnetic field 2—4379
- Ni, powder, aerosol, at various degrees of oxidation 2—16376
- NiFe, Barkhausen noise, autocorrelation function 2—22684
- $Ni_xFe_{3-x}O_4$, containing antiferromag. precip. 2—22693
- $Ni_{0.5}Zn_{0.5}Fe_2O_4$, effect of CoO addition 2—29830
- Pb-Tl, alloy system, supercond., hysteretic magnetiz. curves 2—6780
- Pb-Tl alloy, bulk flux pinning, critical-state model 2—16183
- $(Pb,Sr)TiO_3$, polarization vs electric field, time effects 2—36593
- $Pb(Cd_{1/3}Nb_{2/3})O_3$ ferroelectric, permittivity, spontaneous polarization 2—19768
- p-PbS point contact diodes, hysteresis effect in breakdown region 2—33031
- $PrO_{1.5}$-$PrO_{1.71}$, in phase transitions, high temp. X-ray diffr. obs. 2—4002
- RbCl press induced polymorphic transition 2—9822
- Si-Fe laminates, analytical correlation between rotational and alternating hysteresis losses 2—10204
- $SrO.4.1Fe_2O_3.1.9\ Al_2O_3$, reversal processes in hysteresis loops of single particle domains 2—33128
- Ta, mixed state, N_2 distrib. obs. using rot. hysteresis 2—32954
- β-U_2N_3, 77K 2—19885
- U_3P_4, magnetization, 77-300K 2—26030
- USe, low temp. mag. props., 2.8-300K 2—26072

Hysteresis continued
- V, mixed state, N_2 distrib. obs. using rot. hysteresis 2—32954

Ice
- *see also Glaciers; Snow*
- adsorption of CO_2, clathrate formation 2—22085
- amorphous, deposited at low temperatures 2—28970
- Antarctic, attenuation rates of v.l.f. signals determined from short, long great circle paths 2—30915
- Antarctic and Greenland ice sheets $^{18}O/^{16}O$ isotope profiles 2—22941
- Arctic ice environment remote sensing 2—20272
- Arctic sea ice pack, surface character by laser profilometer, computer comparable data 2—16771
- in atmosphere, transport over North Pacific Ocean 2—1867
- in atmosphere as nuclei, concentration and nature in rim of north Pacific Ocean 2—4667
- atmospheric nuclei, decomposing vegetation as source 2—30271
- in Beaufort Sea, wind stress meas.16827 2—16827
- caps, Greenland and Antarctic, $^{18}O/^{16}O$ and $^2H/^1H$ ratios for det. of past wind strengths 2—10727
- cloud microstructure, scattering of e.m. waves by arbitrarily oriented ice cylinders 2—30282
- clouds, contact nucleation of water drops by aerosols 2—18859
- crystal concentration in cumulus and stratocumulus clouds 2—20343
- crystal growing from melt, instability of smooth-planar solid-liquid interface morphology 2—3580
- crystal growth, from vapour phase, linear growth rates 2—18982
- crystals, terminal velocity det. in storms 2—20346
- cubic, band struct. rel. to free H_2O mol. electronic struct., mol. tight binding approach 2—16106
- cylinders, large infinite, light scattering at normal incidence 2—34497
- dielectric, const. meas., 35.3 and 94.5 GHz 2—16265
- diffusion and solubility of helium activation energies 2—9620
- dipolar relax., relax. mechanisms, depolarization thermocurrent meas. at low temps. 2—22607
- dislocation density, increase due to diffused HF, X-ray topography obs. 2—39698
- disordered solids, ice I and vitreous silica as filters for far infrared 2—31127
- extraterrestrial particles, magnetic spheroids, global deposition, association with rainfall 2—22969
- flow law for Antarctic ice shelves 2—7231
- fusion detonations, trigger criterion 2—5717
- glaciation, late Precambrian, antigreenhouse effect 2—4684
- hail from water droplets passing through strong electric fields 2—1864
- hardness anisotropy of single crystals 2—9717
- heavy, HF-doped, effect of defect sites and contaminants on order-disorder changes 2—29486
- hydrogen bond, calc. of dipole moment derivatives 2—39569
- hydrogen bonds in ice VII, symmetry 2—9324
- ice:KCl, dielec. props. 2—16264
- ice I, incoherent neutron inelastic scattering data, anal. using lattice dynamical model 2—29510
- ice IV preparation, phase transformation studies 2—25630
- Ih crysts., Raman spectra, polarized domains, mixed coulomb valence dynamical model 2—20069
- interface with brine, kinetics determ. from temp.-gradient zone migration of droplets 2—9240
- interstellar dirty grain, oriented by paramagnetic relaxation and interstellar magnetic field strength 2—33689
- interstellar grains, sputtering in HII regions 2—7399
- interstellar grains surrounding early type stars, temperature and thermal evaporation 2—7458
- interstellar grains with graphite cores, size distrib. around early type stars 2—33695
- interstellar matter, graph of scattering for spherical particles and application to extinction 2—7457
- lake, radio echo sounding 2—13628
- lake, surveillance using airborne radar 2—20271
- large masses, report including glaciers, covers dynamics, thermodynamics and time changes 2—20270
- limit during ice age, distrib. of pingos in Cardiganshire 2—37097
- localized excess electrons, ice cavity model 2—29078
- melting electrification depend. on earlier freezing rate 2—7292
- molecular forces, from elastic consts. and i.r. data for heavy and light ice 2—19372
- molecular understanding of electrochemical processes 2—26351
- neutron diffusion parameters, pulsed-neutron meas. at −20°C 2—518
- neutron thermalization at 77°K 2—28099
- nucleation, observed in cloud chamber, organic substances used as artificial nuclii 2—4660
- nucleation by AgI-AgBr solid solution 2—3693
- nucleation by coprecipitated AgI and AgBr 2—25144
- pellets grown by accretion of supercooled drops, charge separation due to riming in an electric field 2—40956
- polar dynamic model for Ih monocryst. 2—22400
- polar sheet, temp. profile, computer analysis 2—7230
- polar sheets, surface temperature, effect of atmospheric turbidity 2—30263
- polarized, equilibrium structure, conc. profiles of defects in H bonding 2—9323
- polycrystalline, internal friction in 5-400 Hz frequency range 2—30230
- pulse radiolysis, electrochemical detection of excited states 2—10647
- salinity, comparison of exptl. and computed profiles 2—35826
- sea, drift determination using side looking airborne radar 2—16772
- sea, e.m. wave reflection modelling 2—203
- sea, floating, cracks due to thermally induced stress 2—10701
- sea, identification with side-looking air-borne radar 2—1793
- specific ht. of pure and doped crystals, 80-230 K 2—19426
- steady-state neutron spectra, 268 to 4 K 2—8378
- surface structure, 100 keV proton backscatt. and channelling obs. 2—35871
- temp., reinterpretation for Greenland 2—7232
- thermodymamic model for Arctic sea ice, surface-energy balances and diffusion equations 2—1794
- thickness measurement, mapping method using f.m. e.m. radiation, patent 2—37098
- Venus, ice in upper clouds, composition from occultation, transit and spectral data 2—41199
- void form. on electron beam irrad. 2—39672
- water flow at base of glacier or ice sheet, general theory, review 2—40901
- water-ice system, partitioning of HCl 2—25143

- **Ice** continued
  - X-ray spectra, O_2 K-emission obs. 2—16598
  - AgI-KI acetone soln., emitted smoke ice forming ability 2—22972
  - AgI-PbI_2 solid mixture, emitted smoke ice forming ability 2—22971
  - CH_3I absorbent, reactor safety precaution 2—543
  - D_2O-ice, phonon dispersion curves 2—19367
  - D_2O, plasma prod. by laser heating, refl. rad. spectra 2—39156
  - H-O stretching frequencies in various forms of ice 2—20016
  - I_2 absorbent, reactor safety precaution 2—543
  - NaCl-water-ice, interfacial free energy detn. 2—18971
- **Ignition** *see Combustion*
- **Illumination**
  - *see also Brightness*
  - cylinders, coaxial, w.r.t. multiple reflection 2—27568
  - daylight, photometric flux derivation from filtered meas. of global radiant energy 2—7296
  - definition problems of luminance and brightness 2—8004
  - display, implications of visual perception phenomena 2—14046
  - isocandela diagram, graphic solution, lighting fittings 2—17697
  - oblique surface, calculation 2—23669
  - oblong-type source, light flow on oblong area 2—17696
  - photometric measurement of buildings, open spaces, and highways 2—2438
  - radiation loss in electroluminescent grain 2—16635
  - white light performance, colour composition 2—27609
  - Yu 16 luxmeter, sensitivity and sources of error 2—21163
- **Image convertors and amplifiers**
  - cathodochromic image display, selective erasure of information 2—34329
  - channel plate, for use in particle spectrographs 2—17565
  - channel plate electron multipliers, operational gain characteristics 2—14394
  - digital computer for hologram conversion for telegraphic transmission and reconversion 2—31073
  - dissector, statistical analysis of signal and noise pulses 2—27434
  - electron microscopy, use of fibre optics plate and image orthicon tube 2—7872
  - electron-optical, increasing the brightness of autoionic imaging 2—17564
  - electron-optical converter in pyrometer system, calc. relating min. meas. temp. to converter and optics parameters 2—20965
  - holographic image deblurring for diffraction limited imaging attainment in electron microscopes 2—23540
  - image dissector system for direct two-dimensional area scanning 2—38147
  - image tube streak camera, electronically operated for picosecond chronography 2—31153
  - image up-convertor, influence of i.r. spectrum bandwidth on transverse resolution 2—31134
  - image-tube scanner for Wisconsin echelle spectrograph 2—38148
  - i.r. using thermal effect and change of reflectivity 2—17725
  - Lick Observatory image-dissector scanner for faint astronomical spectra 2—41270
  - light valve devices, photoactivated, photoconductive film/liquid crystal systems 2—21173
  - light valve display system, applic. of photoelectronic props. of CdS 2—22650
  - using liquid and photoconducting crystals, applications 2—38044
  - medical stereoscopic X-ray TV system 2—7635
  - one chamber, in two-, three , and four-electrode systems with mag. focusing properties 2—38146
  - opto-electronic, i.r., filming, fluoroscopic image photography 2—2476
  - photoconductor/liquid crystal sandwich, coloured image formation 2—31133
  - photoelectric convertors, h.v. array-type microcells with p-n junctions 2—13348
  - secondary electron emission for controlled image brightness 2—27435
  - self-scanned ferroelec. image sensor 2—38145
  - single photoelectron excitation of phosphors, output intensity distribution 2—38089
  - telescopes, astronomical, image tube-optical systems for far u.v. 2—11173
  - television imaging without vacuum tubes 2—23550
  - thermal i.r. imaging devices, testing method 2—27622
  - TV image intensifiers, design 2—37908
  - u.s. isometric imaging system for nondestructive testing 2—32671
  - vidicon coupled, proximity focused, channel plate image intensifiers, nanosecond gating 2—23719
  - visual subnormality historical survey of optical magnifiers 2—17127
  - X-ray diffraction patterns recording 2—12707
  - X-ray image convertor with d.c. voltage control 2—7636
  - X-ray image intensifier using channel plate with high time and space resolution 2—20792
  - X-ray image storage electroluminescent panel 2—4523
  - Ag_3AsS_3, proustite, parametric image upconversion of 10.6 μm illuminated objects 2—21060
  - CdS single-crystal/amorphous-semiconductor heterojunction pickup tube 2—10147
  - La oxyhalide activated with Tb for X-ray image convertors, patent 2—20089
  - Si diode array target for electron microscopy 2—17563
- **Image intensifiers** *see Image convertors and amplifiers*
- **Image orthicons** *see Electron tubes*
- **Impact**
  - *see also Ballistics*
  - anisotropic elastic media, shock propag. produced by planar impact 2—9637
  - axial, low carbon mild steel rod, theoretical and experimental treatment 2—9716
  - axial impact of rods, applicability of one-dimensional plasticity theory 2—37707
  - bar, notched, impact testing, piezoelec. and photoelec. meas. 2—121
  - beam, elastic plastic and infinite, impact by semi-infinite elastic rod 2—5172
  - biodynamic models of injury mechanisms 2—11191
  - ceramic, impact strength, drop weight test procedure 2—29443
  - Charpy test, computer-assisted 2—36186
  - circular cylindrical tube, impact produced longitudinal strain histories using membrane shell theory 2—17317
  - composite, anisotropic plates, wave surfaces due to impact 2—36099
  - conical shell with water 2—1052
  - flint-knapping, fracture mechanics 2—15874
  - high velocity, investigation of temperature increases 2—9645
- **Impact** continued
  - impulsive loading of clamped beams, plastic deflection 2—37708
  - lattice strain in shocked stressed metals 2—19191
  - longitudinal on curved bar, vibration analysis 2—23346
  - model, spring/mass/spring/mass oscillator 2—14158
  - notch shape rel. to impact strength characteristics, 10GT steel at −20°C 2—39810
  - notched bar impact test for fracture toughness determ. 2—25564
  - spectral line broadening and shift 2—17730
  - steel, dynamic properties, obs. 2—29333
  - steel, fracture toughness and Charpy impact data 2—25533
  - steel, martensite, deformation strengthening 2—39901
  - steel, super-high-density sintered, props. 2—6561
  - steel viscosity under high velocity impact 2—6544
  - strength, components det. 2—29277
  - strength of brittle nonmetallic materials 2—25540
  - strength of butt joints, rolled angle iron at −20°C 2—3889
  - stress waves in composite structures 2—14231
  - stresses selection of parameters for meas. device and analysis 2—22317
  - viscoplastic rod, nonlinear, subjected to constant velocity impact, similarity solution 2—27190
  - wear testing machine 2—22320
  - Al-Mg, alloy, effect of deposited metals in rapidly solidified structures 2—3888
  - Al-Zn-Mg, alloy, effect of deposited metals in rapidly solidified structures 2—3888
  - Al, commercially pure, effect of deposited metals in rapidly solidified structures 2—3888
  - Al viscosity under high velocity impact 2—6544
  - Cu viscosity under high velocity impact 2—6544
- **Impedance, acoustic** *see Acoustic impedance*
- **Imperfections in solids** *see Alloys; Crystal imperfections; Solids/structure*
- **Impurities** *see Crystal imperfections/impurities; Crystals/growth; Semiconducting materials*
- **Impurity electron states and effects** *see Crystal electron states/impurity states and effects*
- **Indentation** *see Hardness*
- **Independent particle model** *see Nucleus/models*
- **Indeterminacy**
  - Heisenberg uncertainty relation, geometrical approach 2—2135
  - uncertainty and entropy, simple derivation of relationship 2—33943
- **Indium**
  - atom, multiple ioniz. and Auger transitions by electron impact 2—11972
  - autoionization of high-temperature monatomic vapour 2—28201
  - chemisorption of O_2, kinetics 2—4584
  - diamond (or sapphire)-semiconductor-In sandwich as window-heat sink sandwich for optical expts. 2—20769
  - diffusion in Mg single cryst., diffusion constant, anisotropy, valence effect, activation energy 2—6515
  - elastic consts. press. depend. 2—29237
  - e.m. wave propagation, non-local regime 2—16120
  - enthalpy of fusion determ. 2—28939
  - Fermi surface, effect of alloying with Tl or Hg 2—6724
  - film, electromigration direction 2—36075
  - film, Ginzburg-Landau parameter, mag. transitions and supercooling meas. discrepancy 2—9968
  - film, resist. peak at supercond. transition 2—6776
  - film, supercond., mag. transitions 2—22506
  - film, supercond., penetration depth and flux creep 2—40206
  - films, electromagnetic generation of transverse acoustic waves at 9 GHz 2—13119
  - grain boundary migration, effect of ghost boundaries 2—9742
  - idffusion in Ag in thermal gradient 2—29214
  - inpurity diffusion in liquid Ga investigated between 73° and 266°C 2—35747
  - isotopes, neutron activation analysis using neutrons from ^{9}Be(γ,n)^{8}Be 2—1767
  - liquid, electronic structure from nonlocal energy dependent model potentials 2—39328
  - liquid, self-diffusion as function of temp. 2—28823
  - liquid, structure factor and atomic distrib., X-ray diffr. obs. 2—18792
  - liquid, thermoelec. and resist., temp. depend., calc. 2—3404
  - neutron detector, Cd ratio for atmospheric neutrons 2—21331
  - phonon spectra, neutron scatt. and tunnelling comparison 2—19395
  - plastically deformed, recovery, supercond. crit. temp. 2—19559
  - seals in low temp. devices 2—41366
  - superconducting, electron-dislocation interaction 2—13164
  - superconducting, electronic thermal cond. 2—22507
  - superconducting, polycryst. bulk sample, energy gap detn. tunnelling obs. 2—19574
  - superconducting cylinder, mag. field penetration pattern 2—19581
  - superconducting film between ferrites, transition temp. obs. 2—13163
  - superconducting thin films, critical point fluctuations and excess noise 2—40188
  - superconductor, compression effects on T_c, role of pt. defects 2—25787
  - superconductor, excess diamag. susceptibility above T_c 2—13159
  - thermal conductivity, magnetoresistance in Corbino disc 2—16068
  - thermal expansion, negative, role of elastic consts. 2—25688
  - thermally activated glide, in normal and superconducting specimens 2—22209
  - vacancies, positron trapping, angular correlation data analysis 2—25386
  - whisker, supercond., critical current temp. depend. 2—13160
  - work function and surface structure, calc. 2—39455
  - inAl, effect on dislocation loop annealing 2—12769
  - CdSb:Te, In, influence of double doping on elec. props. and band struct. 2—36499
  - CdTe:In, photoluminesc., donor-acceptor pair spectrum 2—40722
  - In/GaAs, surface-barrier structures by chemical deposition 2—25892
  - In/Zn superimposed layers, mixed state props., critical phenomena 2—16177
  - In-SrTiO_3 barrier, tunnelling, rel. to polaron transitions 2—4139
  - In I spectrum general relations of nf series with Al-I, Ga-I, Tl-I 2—8438
  - In$^+$, in KCl, u.v. absorp. bands, uniaxial stress effects 2—10386
  - In$^+$ in KI magnetic field dependence of radiative lifetime of A-band emission 2—36930
  - ^{111}In, cyclotron production from ^{111}Cd, for nuclear medicine applications 2—28239
  - ^{111}In for cerebrospinal fluid scanning 2—2026

Indium continued
^{114}In^{m}, radioactive source preparation by electrodeposition on thin metallized plastic films 2—5673
^{113m}In ionic, for placental scanning 2—20742
KCl:In, luminesc. due to hole trapping by In^+ and $In^+v_{c^-}$ centres 2—36943
KCl:In, polarized luminesc. of In^{2+} and $In^{2+}v_{c^-}$ centres 2—33315
$NH_4Br(Cl)$:In phosphor, cryst. growth and spectra 2—1710
Sb_2Se_3:In, liq., elec. cond., thermoelec. power, impurity effects, 950-1200 K 2—22001
Se:I, In, molten, impurity influence on props. 2—3406
Si:In, implanted, elec. cond. and Hall effect 2—6852
Si:In, Sb ion implanted, enhanced migration in presence of Al film 2—19121
Si:In ion implanted, atom location, enhanced diffusion case, He ion backscatt. obs. 2—25438
Si:In ion implanted, conc. profiles and enhanced diffusion 2—25439
Si:In ion implanted, ionization energy detn. 2—25872
Si:In ion implanted, mobility, resistivity, and carrier conc. 2—25871
SiC:In, implanted, backscatt. analysis, disorder and p-type cond. 2—25827
(Zn,Cd,Hg)S:Cu,In electroluminor, electrolum., radiation enhancement 2—36968
ZnTe:In, O, luminesc., self-activated and isoelectronic O emission 2—20106

Indium compounds
alloy, dil., supercond. transition temp. depend. on solute conc. 2—25786
intermetallics, MIn_3, M=La, Ce, Pr, sp. ht. obs. 1.5-4.2K 2—16036
laser, lightly doped, long-wavelength shift in operation 2—37990
Ag-In-Cd plate type shim rods, MTR fuel elements, flux density and reactivity measurements 2—15040
Al-Cu-In alloy, ageing, elec. resist. change 2—9755
Al-In alloy, quenched, resist. transient, divacancy migration 2—9536
Al-In dil. alloys, vacancy annealing on quenching 2—9535
$Al_xIn_{1-x}P$, thermodynamic props. of In-Al-P system appl. to manufacture 2—6788
Au-In solid solution, lattice parameters, solubility limit, thermal expansion, density 2—19265
Cd_3Se_3-In_2Se_3, phase diagram 2—4017
Cu-In-Te system, phase equilib. and hardness 2—1410
Cu-In, base alloy, critical resolved shear stress, meas. in temp. independent region 2—9766
Fe-In alloy, slowly cooled, Fe-rich, microstruct. 2—39932
$Ga_xIn_{1-x}P$ alloys, energy band struct., electrorefl. obs. 2—33238
$Ga_xIn_{1-x}P$, photoluminesc., band struct. determ. 2—10422
$Ga_xIn_{1-x}P$ alloys, band struct. 2—22550
Ge-Se-In system, cryst. samples, elec. props. 2—25821
Ge-Se-In system, cryst. samples, switching phenomena 2—25822
Hg-In alloy, powdery, grain model 2—12983
Hg-In system, liq., electronic struct. 2—9078
In-Bi alloy, supercond., critical parameters, hydrostatic press. effect 2—29635
In-Bi metastable solid solution, supercond. transition temp. 2—16171
In-Ga-P, phase diagram, rel. to epitaxial growth of $In_xGa_{1-x}P$ 2—9837
In-Ga-P ternary phase diagram 2—36295
In-Ga-Sb, pseudobinary phase diagram, rel. to epitaxial growth of $In_xGa_{1-x}Sb$ 2—9836
In-Ga liq. alloy, thermal cond. and Lorenz number 2—18816
In-Ga system, thermodynamics and phase diagram 2—15984
In-Hg amalgam on semicond., ohmic contacts 2—13276
In-In_2S_3 liquid partial system, resist. and thermoelec. 2—1114
In-Mn dil. alloys, supercond. T_c and electronic thermal cond. 2—19582
In-Pb alloy, connected supercond. cylinders, mag. flux quantization 2—6769
In-Pb alloys; normal and flux-flow states, Hall effect 2—13162
In-Pb alloys, supercond., transport entropy of vortices 2—13161
In-Pb dil. alloys, liq., ^{115}In Knight shifts 2—22006
In-Sb melt, interdiffusion coeffs., conc. depend. 2—9121
In-Sn alloy, change in ultrasonic velocity on melting 2—39421
In-Sn alloy, enthalpy of mixing anomalies due to Brillouin zone effects 2—22342
In-Sn alloys, normal and flux-flow states, Hall effect 2—13162
In-2 to 4% superconductivity, multivalued critical current13134 2—13134
In-Sn alloys, thermal conductivity in solid and liquid states 2—13058
In-Tl alloy, martensite transform., shape memory effect 2—9789
In-Tl alloys, electron-phonon interaction and supercond. 2—40205
In-Tl alloys, lattice stability near martensitic phase transformation, ultrasonic study 2—29474
p-InAs-metal barrier, CV characts., inversion layer effect 2—10081
InAs, amorphous, complex dielec. const. from refl. meas. 2—26104
InAs, amorphous, complex dielec. const. determ. 2—26105
InAs, band struct., interband transitions and excitonic effects 2—10044
InAs, deformed in torsion, coherent twin boundaries 2—19106
n-InAs, free electron conc., quantized mag. field effect 2—6829
InAs, ion-electron emission, relaxation process and defects 2—19815
n-InAs, low temp. non-Ohmic galvanomag. effects 2—16211
InAs, low temp. phonon cond. 2—25695
p-iNAs, low temp. photomag. effect 2—13347
n-InAs, low temp. photomagnetoelec. and photocond. effects 2—6904
InAs, microwave biased photocond., free carrier screening effects 2—19787
InAs, n.m.r. of ^{115}In, lineshifts 2—10551
InAs, reflectivity spectra, energy band struct. correlation 2—10345
InAs, single cryst., thermoreflectance spectra 2—29900
InAs, spin-lattice relax. of ^{116}In, temp. depend. 2—7005
InAs, stress-induced shifts of Raman freqs. 2—20057
InAs, wavelength modulation spectra, rel. to band struct. 2—1692
InAs and $InAs_{1-x}Sb_x(P_x)$, reson. Ramon scatt. 2—22786
InAs crystals, effect of etchants in the optical polishing suspension 2—6313
InAs film, sputtering and elec. props. 2—10023
n-InAs fund. absorpt. edge, optical transitions, 300 and 100 K 2—13477
InAs quantized surface accumulation layer, electron tunnelling 2—13265
p-InAs surface, clean cleaved, anomalous magnetoresist., resist., <4.2K 2—10019
InAsP (Cs,O), photocathode, interfacial effects, thermally assisted emission 2—19807
n-$InAs_{1-x}P_x$, electroreflectance spectra, Γ_{15}—Γ_1 transitions, composition depend. 2—16468
$InAs_{1-x}P_x$(Cs-O), long-wavelength photoemission 2—6928

Indium compounds continued
$InAs_xSb_{1-x}$, film, absolute zero energy gap, optical, photoelec. and galvanomag. obs. 2—40277
$InBO_3$, phonon Raman scatt. temp. depend., mag. contrib. to intensities 2—40692
InBi, de Haas-van Alphen effect 2—16107
In_5Bi_3, mixed state, Hall effect 2—32938
$InBo_3$:Tb^{3+}, Ce^{3+}, calcite type cryst., 4f-5d transitions studied, luminescence obs. 2—29962
$InCl_2$, vibrational spectra and structure 2—31773
$In_xGa_{1:x}As$, optically pumped at room temp., laser action 2—17643
$In_xGa_{1-x}As$, epitaxial growth and properties 2—1216
$In_xGa_{1-x}As$, phase diagram, crystal growth, and band struct. 2—19004
$In_xGa_{1-x}As$ solid solns., fund. absorpt. edge obs. 2—13478
$In_{1-x}Ga_xP$:N, indirect and direct crystals, cw laser operation on A-line transition 2—17642
$In_{1-x}Ga_xP$, radiative recomb. processes, band transitions 2—7091
$In_{1-x}Ga_xP$, mixed crystals, homogeneous, solution-growth reproducible preparation 2—9359
$In_{1-x}Ga_xP$, photoluminesc. assoc. with multivalley resonant states of N isoelectronic trap 2—26219
$In_xGa_{1-x}P$, phase diagram for In-Ga-P system rel. to epitaxial growth 2—9837
$In_{1-x}Ga_xP(x \leqslant 0.60)$ platelet laser, optically pumped volume excited cw room temp. operation 2—23612
InH, Franck-Condon factors and r-centroids of A-X band systems 2—3028
InI, evaporation and thermal stability 2—28944
InI_3, impurity distrib., evaluation of purification by directional crystn. 2—29100
InI_3 plasma production in high pressure mercury lamps 2—3229
$In_2(MoO_4)_3$, $In_2(W_{1-x}Mo_xO_4)_3$, struct. and phase relns. 2—9340
InN film, r.f. sputtered, elec. and optical props. 2—18937
InO, photoemission props., rel. to use as satellite surface material 2—33566
In_2O_3 single cryst. growth by chem. transport reaction 2—25255
InP, amorphous, complex dielec. const. from refl. meas. 2—26104
InP, amorphous, complex dielec. const. determ. 2—26105
InP, band struct., interband transitions and excitonic effects 2—10044
InP, bound exciton lifetime, emission decay and osc. strength 2—10423
InP, cond., surface and contact effects 2—19675
InP, crystalline and amorphous, density of states calc. 2—10049
n-InP, electron drift vel., microwave meas. 2—25824
n-InP, magentophonon oscillations of transverse magnetoresist. 2—6820
n-InP, magnetophonon oscillations of longit. magnetoresist. 2—10018
n-InP, microwave velocity/field characteristics obs., comparison with n-GaAs 2—6811
InP, n.m.r. of ^{31}P, nucl. spin dynamics 2—33355
InP, single cryst., thermoreflectance spectra 2—29900
InP, solution grown, unstable domains, obs. 2—40257
InP, spin-lattice relax. of ^{116}In, temp. depend. 2—7005
InP, two photon absorption, photocond. obs. 2—19785
n-InP, velocity-field charact. for electrons 2—19648
n-InP, velocity-field characteristic, microwave measurement 2—32984
InP, X_{1c} conduction band and its donor levels, X_{1c}-Γ_{1c} interband energy 2—36851
InPb superconducting alloys, magnetostriction and magnetization meas. 2—19823
β-In_2S_3, with spinel defect structure, normal coordinate analysis of far i.r. spectra rel. to lattice vibration spectra 2—29917
$In_2S_3(Se_3)(Te_3)$, refl. spectra, band struct. determ. 2—29898
InSb-NiSb eutectic, measurement of heat flow, using Nernst effect 2—37810
InSe, press. and temp. induced phase, synthesis and props. 2—22156
In_2Te_3-Hg_3Te_3 alloy, photocond. and photovolt. effect, 2-12 μm 2—33071
In_2Te_3, elec. cond., impurity conc. and temp. depend. 2—10014
$In[M^{2+}In]S_4$ spinel, (where M=Fe, Co, Ni) negative Weiss constants, electron delocalization 2—26000
Mg-In, alloy, order disorder transformation study 2—4010
Pb-In alloy, band struct., elastic const. and mag. susceptibility obs. 2—6727
Pb-In alloys, proximity effect and sp. ht. jumps 2—19593
Pb-In alloys, strong coupling, supercond. props. 2—16184
Pb-In alloys, superconducting, Holstein process observed in far i.r. meas. of surface resistance, new sum rule 2—13120
Pb-In alloys, thermal cond. near upper critical field 2—25793
Pb-In alooy, h.f. study of vortex pinning 2—32948
Sb_2S_3-SbI_3-In, glass forming region detn., optical and elec. props. obs. 2—39441
Sn-In, film, electromigration, void marker motion 2—6511
Sn-In alloy film, anomalous paracond. 2—16164
Sn-In dil. alloys, n.m.r. of ^{119}Sn, Knight shift anomalies 2—37014
Sn-In thin films, marker motion during electromigration 2—39747
(80 at.%)Tl-In melt, struct., X-ray obs. 2—21961

indium antimonide
see also Semiconducting materials/indium antimonide
abrasion-induced surface damage 2—12649
coupled cyclotron-plasmon-phonon modes for sample configs. ranging from Faraday to Voigt 2—22769
crystal growth, from the melt, apparatus 2—1207
crystals, effect of etchants in the optical polishing suspension 2—6313
feasibility for gamma ray spectrometer use 2—34820
ion implantation, lattice disorder and outdiffusion 2—25370
liquid, thermal cond., 250 to 550 C 2—15584
n.m.r. of ^{115}In, lineshifts 2—10551
phonon conductivity, 2-300K 2—4079
Raman scattering, near-resonance spin-flip, polarization selection rules 2—13489
second harmonic generation, coherence lengths and susceptibilities near band edge 2—7036
spin-lattice relax. of ^{116}In, temp. depend. 2—7005
sputtering of single crystals, with inert gas ions, sputtered elements spatial distrib. 2—1441
stimulated Raman scattering around 5 μm investigation of input power and focussing, magnetic field and sample temp. effects 2—20070
zone melting, Fe and Co impurity distrib. 2—25274
electron phonon interactions, direct obs. using heat pulse expt, at liquid He temps. 2—1517
InSb:Te, impurity solubility and distrib. coeff. 2—1254
InSb:Te Faraday effect and transmission investigation at 10.6 μ 2—29873

Indium compounds continued
- **indium antimonide** continued
  - InSb-NiSb eutectic alloy, thermal cond., temp. depend. and anisotropy 2—19460
  - $InSb_{1-x}Bi_x$, cryst. growth by Czochralski method 2—25263
  - InSb(II), ht. capacity. 80-100K, comparison with isoelectronic Sn 2—13043

INDOR
- acetic acid in CCl_4, mol. assoc. effects 2—25110
- alkali metal-hexamethylphosphorotriamide solns., Overhauser effect 2—12583
- and chemical nuclear polarization 2—26332
- cinnamaldehyde-imines, coupling consts. 2—5967
- cyclohexane-d_{11}, liquid crystalline solvent, n.m.r. 2—6258
- dimethylformamide, dimethylnitrosamine in benzene solns., mol. assoc. effects 2—25110
- direct method, applic. to n.m.d.r. 2—764
- double nucl.-nucl. acoustic mag. reson. 2—13558
- Fourier transformation spectroscopy 2—14344
- heteroaromatic phosphine derivatives. ^{1}H- ^{31}P spin-spin long range coupling consts. 2—12250
- intermolecular Overhauser effect 2—8719
- macromolecules, proton-decoupled ^{13}C n.m.r. spectra, theory of nuclear Overhauser enhancement and ^{13}C-^{1}H dipolar relaxation 2—35363
- methyl pyridine. long range spin-spin coupling 2—5981
- multispin system, intermol. assoc. effects 2—25110
- nematic solution, partially deuterated molecules, H-D dipolar coupling 2—9170
- nitroxide radical. solid, Overhauser effect 2—26305
- nitroxide solid free radical, Overhauser effect 2—7152
- nuclear Overhauser effect, applications 2—11405
- pepper acids, coupling constants 2—8812
- quadrupole spin systems in rot. frame, spin-locked and ADRF thermodynamics 2—10580
- review and applications 2—17501
- spin diffusion, energy exchange processes 2—10579
- viscous solution, dynamic nuclear polarization, Overhauser effect 2—25107
- viscous solution, paramagnetic impurities, Overhauser effect. nuclear polarization 2—25108
- ^{13}C undecoupled spectra, nuclear Overhauser effect 2—767
- Hg complexes, bis(perfluorovinyl)mercury and methyl(perfluorovinyl)mercury, Hg chemical shifts 2—15310
- KF aqueous solutions, Overhauser effect, relaxation times meas. 2—28896
- $SiHCl_3$, Overhauser effect, ^{29}Si spin-lattice relax. 2—29845

Inductance
- electromagnetic induction in two dimensional model of asymmetric two layered conductor 2—2290
- magnetic meters, testing devices 2—21014

Inert gases
- *see also the individual gases*
- adsorption by Lunar regolith 2—37347
- adsorption on layer-like halides, first layer formation by 2D condensation 2—22087
- alkali metal vapour-inert gas discharge, high pressure, non-equilib. ioniz., exptl. comparison of theories 2—21862
- anisotropic scattering of light, many-molecular correlation, in simple fluids 2—6231
- Apollo 15 rock 15555 chip, rare gas retention ages 2—41181
- atom, collisions with Cs. Cs excitation transfer cross section 2—2971
- atom, scattering of He, Ne, Ar and Kr beams on He, Ne, Ar. Kr, Xe targets, meas. of cross sections at thermal energy 2—2973
- atomic collisions with atoms in state with ang. momentum j 2—8468
- atomic collisions with K^+, determination of repulsive potentials 2—38840
- atoms, autoionizing levels observed in ionization curves for electron energies 18-65 eV 2—11942
- atoms. charge transfer collisions with Fe ions, cross section meas. 2—5839
- atoms, collision processes, repulsive interaction potential in Fermi Amaldi model 2—5845
- atoms, collision processes with N_2O and CO_2, determination of anisotropic potential energy surfaces 2—6012
- atoms. collisional quenching of H(2S) in 0.5-2.5 keV collisions 2—12028
- atoms, collisions with 1-25 keV H atoms, cross sections for formation of 2s and 2p states measured 2—12026
- atoms, collisions with highly excited Cs atoms, excitation transfer cross sections 2—5837
- atoms, collisions with Na^+ and K^+, study of excitation mechanism. inelastic transitions 2—674
- atoms, collisions with optically pumped Sr^+, spin depolarization of Sr^+ 2—5846
- atoms, depolarizing collisions with alkali atoms, time reversal in classical path approx. 2—5843
- atoms, elastic scatt. of H^+, 3 to 80 eV, differential cross section meas. 2—709
- atoms, electron capture by B^{3+}, comparison of exptl. and Landau-Zener cross sections 2—671
- atoms, electron-impact induced autoionization of outer S electrons 2—18330
- atoms, excitation cross sections, analytic approx. using atomic screening parameters 2—11977
- atoms, Penning ionization electron spectroscopy 2—11980
- atoms, photoionization, calc. cross sections and angular distributions using HF wave functions 2—11981
- atoms, scattering of metastable Ar by Ar, Kr, Xe, velocity dependence of total cross section determ. 2—2974
- atoms, sensitizing collisions with excited Na atoms in strong mag. field, polarization transfer 2—2978
- atoms colliding with excited Rb atoms, theory of fine structure transitions 2—21535
- atoms pairs, calc. of forces between them 2—24367
- binary mixtures, thermal cond. calcs. using Chapman-Enskog and Perturbed-Lorentzian methods 2—18765
- bubble growth kinetics in polycrysts. 2—39665
- bubbles, intersected by dislocations, nucleation on atomic steps 2—9553
- charge transfer reactions in collisions with difluoroethylene isomers 2—35384
- crystal, compressive metallization 2—19498
- diamagnetic susceptibility from scatt. factor meas., reanalysis 2—35127
- diffusion. rare gases in alkali metal iodides 2—3809

Inert gases continued
- diffusion in CsCl, and ionic conductivity, phase transform. effects 2—15788
- dilute, viscosity and thermal cond. coeffs. determ., atm. press., 270 to 2000K 2—18764
- diode containing Ce-inert gas mixtures, space charge limited voltampere characteristics measured 2—11989
- discharges, positive column, variation in gradients and electron concentration during pulsed current charges 2—28668
- electron impact excitation cross sections determ. from spectral line intensities, simultaneous calibration of apparatus 2—5797
- equilibrium and transport props., extended law of corresponding states 2—21910
- field adsorption on field ion emitter surface 2—13363
- flow at low pressures through stainless steel capillaries 2—18731
- gasheating and energy balance of a high frequency ring discharge 2—3255
- glow discharge, breakdown voltage 2—6120
- heteronuclear associative ions, formation and collisional dissociation 2—31693
- ion trapping in orbitron 10 cm diameter pump, speed meas. 2—41391
- ionization, Penning, influence of resonance atoms in mixtures 2—39196
- ionized, hydride analogue mol. orbital determ. from vac. u.v. and photoelectron spectra 2—18409
- ionizing collisions of Ar, Kr and Xe with excited metastable atoms of He and Ne, Penning ionization electron spectroscopy 2—18337
- ions, low energy, ionization of atoms, thresholds and cross sections 2—11968
- laser, u.v., electron beam pumping 2—34381
- liquids, vac. u.v. α-induced luminesc. 2—20113
- Lunar 16 dust samples, quantitative determination 2—20657
- in lunar soil, analysis of KREEP fragments 2—7507
- Lunar-16-G-7 fines, studies by stepwise heating technique, a low fission solar wind Xe 2—20656
- matrix technique appl. to i.r. spectroscopy 2—2463
- metastable atomic beams, absolute detector based on secondary electron emission 2—21537
- mixtures, pressure effects on atomic line shapes 2—24331
- mixtures with water, gas-liquid equilibria and critical curves 2—9107
- molecule. collisions with O_2, rate equations for vibrational relaxation, applic. to spectrophone data 2—8857
- nuclear spectroscopy, on-line, ion implantation in transport tapes 2—12060
- photoionization. spectrometer for energy anal. of liberated electrons 2—21323
- plasma, diffusion, thermodiffusion, mobility and ambipolar diffusion of electrons 2—12362
- plasma, unstable ionization waves, mode coupling 2—32081
- plasma, use of bremmstrahlung continuous spectrum for diagnostics 2—35531
- plasma, with arbitrary degree of ionization, electron thermal conductivity 2—28521
- plasma heavy current column at low press., ionization waves 2—28607
- plasmatron discharge, dependence of intensity of v.h.f. oscillations on magnetic field 2—24846
- positron annihilation rate, dependence on concentration of molecules N_2 and CO 2—24467
- pumping mechanism in diode Penning pump 2—41380
- radioactive isotopes, atmospheric levels meas. and low-level counting data treatment 2—30304
- recombination of I atoms in presence of I_2 and He. Ar and Xe studied by photolysis 2—26356
- scattering from W (110) surface 2—25176
- single crystal, elastic constants, Brillouin spectra obs. 2—16586
- slit flow, nearly free-molecular. at finite pressure and temp. ratios 2—9018
- solar, and astrophysical and cosmochemical problems 2—26874
- solid, determ. of thermal expansion at pressures to 20 kbar 2—16057
- solid, doped. induced far-i.r. phonon spectra 2—19353
- solid, elastic constants, three-body interactions and lattice sum 2—9857
- solid, extreme u.v. reflection spectra 2—19995
- solid, Hartree-Fock band struct. and optical gap 2—16104
- solid, hyperfine interactions of ^{119}Sn. 4.2 K 2—19981
- solid, lattice dynamics, anharmonic effects, analysis 2—4029
- solid, mol. dynamic simulations of shock waves 2—32592
- solid, pure and mixtures. vac. u.v. α-induced luminesc. 2—20113
- solid, Raman scatt. by mol. impurities 2—26187
- solid, spectra, density of states and excitonic effects 2—20024
- solid, spectra, extreme u.v., review 2—20023
- solid, thermal eqn. of state. thermal expansion and stability calcs. 2—40082
- solid, thermal expansion, calc. by hard core intermol. pot. 2—40083
- solid, thermal expansion above 1K 2—13050
- solidified. melting 'ideal three phase model', thermodynamic properties 2—32306
- solubility in water, temp. dependence 2—25052
- spallogenic He, Ne and Ar from Carbo Fe meteorites. thermal release characteristics 2—33755
- spectra, transition probabilities and near configuration interactions 2—8433
- spectroscopy of dimers 2—21561
- thermal diffusion of T_2 in inert gases obs. 2—9046
- viscosity and thermal conductivity coeff. from 270- 2000 K 2—18769
- atoms, K atom scatt., total cross sections meas. theory 2—12009
- F_2- inert gas mixtures, nuclear spin relaxation 2—32180
- H_2-inert gas mixtures, proton spin lattice relaxation time meas. from 165 to 265K, collisional contrib. 2—24986
- He, Ne, Ar, diffusion and solubility coeffs. in vitreous and partially devitrified GeO_2 2—39730
- Hg-rare gas discharge, strongly modulated, nonlinear effects 2—15507
- Hg inert gas intermolecular potentials molec. beam determination 2—24572
- Rb inert gas molecules, exptl. evidence for existence from relaxation of polarized Rb atoms in inert gas 2—28224
- W thermionic cathodes anomalously high emission in arc discharge 2—28676

Inflammability *see Combustion*

Information theory
- *see also Entropy; Random processes; Statistical analysis/applications*
- 'gain of information' as equivalent to produced entropy in quantum statistics 2—5162

Information theory continued
  criteria for evaluating quality of telescopic instruments 2—38092
  entropy in Shannon's fundamental inequality and thermodynamics, analogies 2—5256
  inclusive phenomenology, high-energy 2—38253
  Jaynes's information-theoretic entropy and probability theory 2—2165
  linear optical systems, effect of energy sensitive detector on informational properties 2—14437
  measured quantal object, entropy changes 2—7665
  measurement devices, methods of analysis 2—20795
  role in nuclear measurements 2—27829
  restoration of degraded images using an information-theory model with maximum likelihood and entropy 2—31083
  r.f. multiphase pseudorandom sequence, generation and props. 2—2292
  weighted entropy, properties, axiomatics and max. value 2—11303
  wide-band communication, pseudo-random and orthogonal sequences 2—5288

Infrared astronomy
  astrophysical and cosmological problems 2—16949
  BD+40°4124 and surrounding young stellar group 2—33682
  BD + 40°4124 and two nearby stars Lk Hα 224 and 225 2—33651
  blue stars, review 2—20557
  UV Ceti stars, infrared photometry, infrared excess in flare stars 2—33669
  corona, Thompson scattering from electrons, dust size $>0.2\mu$ 2—26871
  Crab Nebula, $10\mu m$ flux obs. 2—7394
  V1057 Cygni, eruptive variable, JHKL photometry 2—33668
  emission from galactic and extragalactic sources 2—7469
  Galactic centre obs. 2—26638
  galactic nuclei emission 2—20487
  galactic plane, $100\ \mu$ survey 2—4942
  ground based observations of M17, M82 and Venus at 345μ 2—10969
  in H II regions, discovery of 2μ sources20508 2—20508
  HD 50138 and 51585 Be stars, continuous spectra in near i.r. 2—33717
  IC 418, spectrum, Paschen lines, reddening constants 2—1950
  IRC+10216, dust shell diameter determination from lunar occultations 2—33637
  Mariner Mars 1969 infrared spectrometer 2—31139
  Martian surface materials and infrared absorptions from Mariner 7 recordings 2—30561
  NGC4151, photometric measurements at $\lambda=11\ \mu m$ 2—7494
  NGC 4151, obs. from 0.3 to 3.4 microns 2—20491
  NGC 5128, detection of nucleus, physical and spectral characteristics 2—1947
  night sky background signals, 65 to $170\ \mu$ range 2—10971
  OH microwave emission in i.r. stars, effects of i.r. radiation and collisions on vibrational and rotational states 2—30528
  position meas. using interferometer for main line i.r. stars with 1667 MHz OH emission 2—10968
  R Coronae Borealis, variability of radiation from circumstellar grains, change in shape of spectrum, visible light curve 2—1969
  radiosource OJ 287, energy distribution in J, H, K and L wavebands 2—10930
  RV Tauri, anomalous, i.r. radiation, broadband photometric measurements 2—30527
  S Lyr, near i.r. spectrum at maximum and minimum light 2—20628
  VX Sagittarius, spectroscopic and photometric obs. of peculiar i.r. star 20626 2—20626
  Seyfert galaxies, activity in the nuclei of NGC 4151 and NGC 1068 2—13864
  Seyfert galaxies, quasars and compact galaxies 2—13934
  sky background radiation, 100 and 280 μm bands 2—10970
  solar limb brightening at 9 mm. wavelength, obs. during a partial solar eclipse 2—17093
  sources in galactic plane, 100μ survey 2—20627
  spectrocamera recording of bright meteor observed in Japan, 1968 Quadrantids 2—30597
  stars, OH emission associated with 2—37296
  telescope, 91.5 cm aperture, for altitudes 12 to 14 km, design and operation 2—7575
  telescopes, designs and limitations 2—23138
  telescopes, efficiency and choice for ground- based obs. 2—30651
  Uranus, spectral albedo from spectrophotometric data 2—11000
  HCN in IRC+10216 and $^{12}C^{13}C$ abundance ratios 2—4843
  H_2O vibration-rotation bands, examined in umbra spectrum at $0.93\ \mu$ 2—17052
  OH, H_2O maser emission and radiative transport in envelope of infrared star 2—30447
  OH 1612 MHz source coincidence with M type Mira variables or M supergiants 2—23094

Infrared convertors *see Image convertors and amplifiers*

Infrared detectors *see Bolometers; Radiation detectors*

Infrared sources *see Light sources; Radiation/heat*

Infrared spectra *see Spectra*

Instruments
  see also Laboratory apparatus and technique; Measurements; Recording; and under specific subjects, e.g. Astronomical instruments. Some specific instruments are listed separately, e.g. Spectrometers; Thermometers. Where no separate headings exist, entries describing instruments may be found included under the headings of the appropriate quantities or subjects
  adhesives, use for assembly 2—19291
  atomic collision cross sections meas. apparatus 2—18346
  conifuge, miniature, for particles 1-8 μm and densities to 10 g. cm^{-3} 2—18861
  dial indicator, error analysis of spring-type high-accuracy meters 2—33860
  digital electronic moisture meter and regulator 2—28685
  display system for calibrated velocity waveforms of structures in ear using Mossbauer effect 2—7608
  electrical measuring, deletion of symbols from scales 2—27391
  electrometer for measurement of small currents in physics experiments 2—27006
  electronic, for measuring bioelectrical signals in plants 2—37434
  galvanometer, moving-coil, response to input voltage pulse in vacuum tube circuit 2—23484
  geophysical d.c. resistivity methods, depth of investigation and vertical resolution 2—26427
  inexpensive velocity meter for airtrack 2—17175
  ion micro milling, prep. of samples for electron microscopy 2—6398

Instruments continued
  i.r. and atomic absorption analysis 2—10669
  lysimeter, weighing, mechanical balance—electrical readout 2—22942
  for magnetic materials, flux density, hysteresis and eddy current losses meas. 2—233
  mass measurement by multielement magnetoanisotropic bending moment converters, sensitivity increase 2—37559
  nuclear system, CAMAC, for work with computers 2—24062
  optimal degree of feedback in measuring instruments 2—20796
  for small pressure difference meas. 2—33915
  psychrometric apparatus for Bowen ratio det. over forests 2—22956
  quality improving by raising precision in evaluating temp. coeffs. of linear expansion 2—27302
  radiation effects in space missions 2—10782
  resistance meter, micro-electrode, linearly reading 2—7816
  skin friction meter system, high temp., for hypersonic ramjet engine 2—12501
  for thermophysical investigations 2—37831
  vibrating sample magnetometer for ferromagnetic samples 2—14369

Insulating materials, acoustic *see Noise abatement*

Insulating materials, electrical *see Dielectric properties of substances*

Insulating materials, thermal *see Conductivity, thermal*

Integral equations
  boundary value problem applied to thermal conduction of sphere and cone with moving boundary having variable velocity 2—34214
  boundary value problem for unsteady state heat conduction eqn. exact solution 2—34215
  classical elasticity, rel. to displacement problems 2—30849
  coupled, formalism for non-partial wave treatment of reactive and non-reactive scattering 2—37026
  difference equations, existence of relations among eigenvalues 2—23232
  dynamical theory of electron diffraction, basis for perturbation methods 2—29119
  eigenvalues, shift theorems leading to lower bounds 2—20811
  e.m. wave diffraction, solution using transformation method 2—14311
  e.m. waves scattering, noniterative solution 2—34252
  feeder lines analysis, planar, using Green's function 2—17473
  flame internal temp. distrib. analysis, soln. method 2—27325
  Fourier transform, neutron transmission and reflection coefficient, with anisotropic scattering 2—15031
  Fredholm type, thermal stresses in solid with parallel circular cracks 2—37712
  for instability of laminar compressible wakes behind slender bodies 2—28711
  integrodifferential eqn. for distribution functions in solutions 2—1081
  integrodifferential eqns. for interaction of particles immersed in solvent 2—1082
  ionospheric propagation, Rayleigh-Gans- Born approximation validity 2—16895
  Laplace transform inversion of rational fns., without calculation of roots 2—27037
  magnetic fields calc., vicinity of rectangular magnetic body 2—21015
  Milne, source fn. for two level atom in inhomogeneous finite atmosphere 2—4851
  nonlinear class, reduction to Cauchy system 2—11245
  nonlinear Volterra equations, book 2—37570
  with periodic kernels, generalized soln. based on approximate factorization 2—5122
  for radiation from arbitrary source in linear lossy inhomogeneous cold magnetoplasma 2—993
  scattering by arbitrary wire structures transient 2—14318
  singular, numerical solution 2—30752
  stereologic metallography, basic integral formulae, procedure for counting figures of polished sections 2—39627
  transformation of Schrodinger equation for four identical spinless particles 2—30788
  transverse vibrations, of pipe containing flowing fluid 2—20915
  unitarity system, proof of existence condition for solutions 2—23233
  variational synthesis with discontinuous trial functions 2—27036
  Volterra, formalism, reactive scattering theory 2—37025

Integrals
  see also Calculus; Green's function methods
  analytical solns. of integrals used in computing elec. and mag. fields 2—14300
  computer evaluation, asymptotic estimation, rel. to spectral line profile 2—37664
  convergent, of solutions to linear differential system 2—30753
  cubic lattice, anisotropic, extended Watson integral 2—20866
  four-centre, over Slater type orbitals 2—35108
  fourth-order polynomial method for direct integration of N-body systems 2—41050
  gaussian functions, rapid calc. of integrals 2—15271
  gravitational n-body problem, numerical integration, close approaches 2—41051
  harmonic oscillator two-centre integrals, Gauss potentials 2—27068
  integrability condition in local field theory 2—8068
  integrals in information thermodynamics, approx. 2—7688
  linear, holonomic mechanical system with n degrees of freedom, classification 2—37666
  molecules, core resonance in π-electron calculations 2—35216
  neutron resonance in moderator 2—38669
  quadrupolar expansion for r_{12}^{-1} 2—35107
  stellar systems, collisionles, dynamics, numerical integration methods 2—41077
  stochastic Lagrangian, asymptotic evaluation for sound propag. in continuous stochastic media 2—11353

Intensity measurement
  calibration in spectral range 10-4000 Å 2—8024
  light power, meas. methods 2—27640
  magnetic field intensity meter, S/N improvement 2—17503
  X-ray photographs, VA-G-92 intensitometer applic. 2—17758

 acoustics
  atmospheric background noise reducers, identification of l.f. acoustic waves, active microbarograph array 2—37173
  atmospheric infrasound propagation characteristics and measurement systems 2—37172
  isobar plotting of sound field by colour lights 2—23388
  methods rel. to hearing damage hazards 2—7609

Intensity measurement continued
acoustics continued
rapid loading testing machines, electrical correction of dynamometric systems 2—29364
transient sounds, human response versus meter reading 2—2040
u.s., by gravitational balance method 2—27283
Windscale High Intensity Noise Rig for nuclear reactor pressure level and structural response determ. 2—38707
Interatomic forces, between bound atoms *see Bonds; Molecules/internal mechanics; Solids*
Interatomic forces, between free atoms *see Collision processes/atoms*
Interface phenomena
see also Surface phenomena
acetonitrile-CS_2 binary liquid system, coexistence curve 2—32243
acoustic wave mode conversion coeffs. for normal incidence 2—5217
adsorption isotherms and surface tension at binary liquid mixture-vapour interface 2—39350
air-H_2O interfaces, point charge and dipole image potentials 2—34278
anthracene crystal metal interface, exciton dissoc. rate const. charge transfer 2—3490
anthracene crystal/electrolyte solution, quenching of excited states 2—26242
anthracene/Al, exciton-induced photocurrents 2—25963
asperity persistence between rough surfaces, real area of contact 2—32655
atomic detail reconstruction using field ion microscopy 2—9239
bicrystal, surface and boundary energies relationship 2—6304
boiling front propagation in porous medium heat transfer 2—35705
capillary active substances, diffusion and orientation mechanism, drop formation 2—1086
coherent cryst. interfaces as two-dimens. superlattices 2—25324
crystal interface defect struct., obs. of artificial boundaries 2—6503
crystal-melt, interfacial free energy, from radial distrib. func. 2—18997
crystalline, geometrical theory 2—9241
debond testing, micromechanical, using acoustic emission detector system 2 6628
dielectric-vacuum, image charges and surface polaritons 2—12640
drop and bubble, motion surface active molecule adsorption, diffusion and convection 2—28920
electrode/electrolyte interface, specular reflection obs. of adsorbed layers 2—9301
electrolyte crystal-aqueous solution 2—18988
energy accommodation coeff. for a gas at a solid surface determ. using inelastic scattering theory 2—28994
entranment in fluids 2—12335
entropy, statistical thermodynamic calc. 2—9844
film, adhesion to substrate, rel. to substrate surface chem. 2—39474
film-substrate, shape stability of nucleus, role of interface kinetics 2—18927
fracture mechanics, cracks in bonded dissimilar anisotropic elastic half spaces 2—12900
gas-surface interactions, classical model for trapping 2—32328
graphite flakes, with liquid Hg resident on them, contact angle meas. 2—3489
heat exchange during combustion at gas to solid boundary 2—7778
i layer, between n-type GaAs films on n^+ GaAs susbstrates, cause and elimination 2—16694
ice crystal growing from melt, instability of smooth-planar solid-liquid interface morphology 2—3580
ice-brine, kinetics determ. from temp.-gradient zone migration of droplets 2—9240
interface region electron- electron interaction, interface excitation 2—9936
internal reflection spectroscopy adsorbed layer obs. 2—9302
Kapitza resist. between metal foil and liq. He 2—36361
kinetics, effects on bubble growth rates in highly supersaturated liquids 2—32206
laminar film condensation, two phase boundary layer theory rel. to suction theory 2—6193
liquid, polar, liq.-solid interface, anomalous behaviour, elec. field effects 2—28809
liquid-liquid, ionic mass transfer, effect of vibration 2—3376
liquid-liquid and liquid-gas interfaces, theoretical analysis for meas. of interfacial shear viscosity 2—25053
liquid-vapour, statistical mechanical calc. of density variation through interface 2—14125
metal H_2O interfaces, point charge and dipole image potentials 2—34278
metal-metal contact potential differences, meas. with electron-interferometer 2—21031
metal-oxide boundary, contact interaction, i.r. spectroscopy obs. 2—15656
metal/electrolyte, opt. props., double-layer structure models 2—9235
metal/electrolyte interphase, electrocapillary studies on Hg plated Au electrode in DMF/H_2O soln. 2—32247
m.i.s. structure, ion diffusion in oxide layer 2—18919
nematic-isotropic liquid interface, point disclinations 2—28791
optical obs. of adsorbed layers, conf., London, England, Dec. (1970) 2—9298
photoemission, boundary scatt. effects 2—33087
polymers, immiscible, theory of the interface 2—28802
polymers at interfaces, symposium Chicago, USA (Sep 1970) 2—15654
rough surfaces, plastic contact, energy balance approach 2—32602
solid-liquid, acoustic method for studying solidification 2—39423
solid-liquid, camphere and salol systems, migration kinetics meas. 2—3486
solid-liquid, cavity form., theory 2—9059
solid-liquid, free energy expts. measurement 2—18971
solid-liquid, free energy of fusion in homogeneous nucleation 2—18881
solid-liquid, influence of cryst. dimens. on interfacial temp. gradient 2—29085
solid-liquid ^3He, Kapitza resist. 2—32296
solid-solvent interface, polymer adsorption, adsorption isotherm, layer thickness 2—15671
solid-vapour, statistical mechanical study 2—35867
solutions, binary, dilute, hydrodynamics of pools heated from below obs. using linear stability anal. 2—15545
stress states, clad pellet stacks 2—14224
surface-active organic cpds., spreading as monomolecular films on clean water surface 2—28775
thermal contact conductance in vacuo, correlations 2—6687
transient rolling contact problem 2—27181
vapour-superfluid interface, temp. fluctuations associated with gravity waves 2—30819
vertical rough surface, natural convective heat transfer to liqs. 2—5271

Interface phenomena continued
vibrational modes and localized modes 2—18915
waves in explosive welding, amplitude 2—6601
wetting, rel. to sintering, liq.-solid system, oxide-metal, carbide-metal systems 2—6316
wustite-magnetite boundary eqn. up to 1351°C 2—6315
Al, spontaneous regeneration of exoemission centres at metal-oxide interface 2—36622
Au/electrolyte, electromodulation of reflectivity, mechanism 2—9246
Au-Si, possible surface-stabilized cpd. form., resist. and electron microscopy 2—3493
Bi/Sb films, interface lattice mismatch obs. 2—1175
Bi/Sb films, interface lattice mismatch obs. 2—1176
CdSe-SiO_x, in m.i.m. struct., conduction mech. 2—13291
Cr-glass interface, water contact angle obs. 2—3526
Cr film, on glass, adhesive mechanism 2—39501
GaAs-metal interface, metallurgical structure of interface after alloying 2—33037
Hg, spreading on solid in electrolytic soln., elec. field effects 2—6220
KH_2PO_4/semiconductor contact surface, edge electro-optical effect 2—13439
Mg, spontaneous regeneration of exoemission at centres at metal-oxide interface 2—36622
NaCl-water-ice, interfacial free energy detn. 2—18971
Ni/glass, a reflection and electron microscopy, X-ray diffr. obs. 2—32372
Si-SiO_2 positive surface charge control by Cs implantation 2—10078
Si-metal film, low-temp. Si migration, ion backscatt. obs. 2—39468
W surface, energy accommodation coeff. of He calc. using simple model of surface 2—28994
Interface tension *see Surface tension*
Interference
Aharonov-Bohm effect, review of experiment and theory, misinterpretation of some accounts discussed 2—11441
crystals, fast electron scatt., destructive interference 2—36376
ionization waves in plasma, backward and forward 2—32079
light scattering and molecular absorption in atomic absorption anal. of biological materials 2—22893
Moire patterns for monitoring parallelness of electron beams 2—17546
neutron beams, diffraction theory 2—17973
photon and electron optics, quantum theory of interference effects 2—31019
quantum device, point contact (SQUID) construction 2—4183
X-ray, dependence of patterns on degree of chemical polishing, annealing, wavelength of X-rays and presence of wedge 2—25289
Ar positive column l.f. waves 2—8997
acoustic waves
multifrequency ultrasonic pulse echo, application to flaw characterisation in metals 2—34139
radiation pattern meas., holographic approach 2—5290
reflection at plane, noise spectrum 2—30867
in vortex shedding from circular cylinder 2—1051
wide band sound, in shallow water 2—37757
electromagnetic waves
antenna calibration, interference error estimation 2—14331
charged particle in waveguide conditions for interference of waves excited on the interfaces 2—23459
degenerate parametric interaction between strong and weak waves of close frequencies in media with nonlinear ábsorption 2—37845
double slit 2—11390
radiation pattern meas., holographic approach 2—5290
light
see also Films, solid/optical properties
coatings, wide band, high reflectivity for laser pumping systems 2—27531
coded gratings for narrow line width moire fringes 2—34487
cracked structure stress analysis method 2—15871
crystallographic axes determ. in single crysts. at high pressures 2—15683
cutoff filter, conditions for selecting refractive indices of layers and substrates 2—14464
dark field images of slits and opaque strips under coherent illumination 2—17686
dielectric filters, narrow band, stabilization of location of transmission band 2—31095
diffraction interferences, temp. measurement in plasma research 2—35552
elliptically polarized beams 2—34478
films, thin refractive index det. 2—27591
Fresnel and Arago's laws, mathematical representation 2—303
fringe shifter of polarization type 2—27592
fringe visibility with Michelson interferometer, apparatus modification 2—27008
fringes, transmission like, with Tolansky, microinterferometer 2—5413
inverse Raman scattering in threshold region of stimulated Raman scattering explanation 2—18830
i.r. thickness meas. of epitaxial layers, interpretation of phase shift at substrate layer interface 2—29039
method of synthetic optical apertures 2—38059
microscopes comparison for meas. of surface roughness 2—23709
modulated interference-polarization filter, transmission band and secondary max. obs. 2—31129
moire analysis of displacement and strain fields 2—14194
moire fringe formation using polarizing gratings 2—34486
moire fringes, treatment using three-dimensional theory of large deformation 2—34012
moire grid, thermostable, production and evaluation 2—34011
multilayer interference cutoff systems 2—7978
multiple beam, ultraprecise measurement of thermal expansion 2—14288
narrow band transmission interference filters, stabilization of optical characteristics 2—38131
parasitic effects on investigation of spatial frequency response of high resolution photographic materials 2—21183
pattern comparison in coherent beam 2—2425
phase shift at imbedded optical films 2—7974
phase shifts in balanced mixer system 2—17687
plasma, in MHD generator, Rozhdestvenskii-Hook method 2—31959
rough surfaces, effect of depth on apparent plane of reflection for surfaces having centres of symmetry 2—23689
scanning photometer, rotating interference filter, auroral sounding rockets 2—23052
speckling for in-plane vibration analysis 2—7942
teaching demonstration 2—17154

Interference continued
light continued
two cylindrical waves from two slits crossed at angle α 2—17683
two-photon correlations in mixture of Gaussian and laser light 2—23685
vibrational amplitude measurement on diffuse surface. modulation of projected fringes 2—21160
wavelength measurements down to 120 nm, Michelson interferometer 2—304
CsI-ZnTe with CsI-Ge vacuum deposited, filters for spectral regions 15-50 μm 2—31130
Si, N-N$^+$ epitaxial layers, i.r. obs. rel. to impurity profile determ. 2—15779
SiO$_2$ microporous films, characteristics by repeated interference of total internal reflection 2—39529

Interference spectroscopy *see Spectroscopy*

Interferometers
double beam, for i.r. Fourier spectrometer 2—38159
electron, using mirrors, path length differences 2—14390
electron Michelson type, obs. of path differences less than electron wavelength 2—14389
electron-interferometer with field emission cathode for contact potential differences meas. at ultra-high vacuum 2—21031
electrostatically scanned film reflectors application 2—23671
high speed, global survey of pollutant molecules in atmosphere 2—13683
portable modification to Jamin interferometer for measuring refractive index 2—34483
stellar, signal processor 2—41271
superconducting quantum, principles and applications, used for measurement 2—4180

acoustic waves
digital, for u.s. vel. meas. in liquids 2—27282
ultrasonic velocity meas., waveguide effect 2—5227
u.s. interferometer using piezoelectric lead zirconate titanate ceramic, velocity meas. 2—23385

electromagnetic waves
antenna radiation patterns, charact. 2—37855
Fabry-Perot interferometer, u.v. spectroscopic studies, orbiting astronomical telescopes 2—11171
Michelson, wide aperture, for far infrared, tunnel effect beam splitter, use as Fourier spectrometer 2—14476
microwave, active single wire Fabry-Perot plasma, diagnostics 2—35546
microwave, plasma electron density meas., comparison with Langmuir probe and microwave cavity methods 2—35527
microwave, superheterodyne, stabilized, with high resolution 2—17494
missile-tracking. noise, meteorological data obs. 2—33482
plasma, microwave phase shift. zebra-stripe method 2—23436
radio, Ku-band, for mapping discrete radio sources 2—5026
radio, visibility scintillations due to interstellar and interplanetary refractive index variations 2—33707
radiometer, superheterodyne, for millimeter and submillimeter bands 2—27349
Rozhdestevenskii, quasioptical analog. for obs. of refractive index of dielectrics at mm wavelengths 2—34238
u.v., Fabry-Perot, durable nonabsorbing mirrors produced by precipitation of oxides 2—38062
H-line, 21-cm absorption in discrete-source spectra 2—11190

light
array for detection of extrasolar planets 2—37354
coaxial laser, for position meas. 2—21148
de-focused confocal Fabry-Perot spherical interferometer for analysis of longitudinal mode of Q-switched lasers 2—34484
diameter measurement for spheres and cylinders 2—33861
differential, phase variations of transparent object using ground glass 2—31090
double beam, degradation eliminated using Moire method 2—21147
double passed, Michelson, for immunity to tilting of mirrors 2—38060
double-beam Kosters interferometer, pneumatic compensator, block gauge measurement 2—27594
Fabry Perot, Scanning, for atomic absorption spectrometry 2—17738
Fabry Perot, used as narrow band optical filters 2—8020
Fabry-Perot, birefringent elements, tuning elements for dye lasers 2—27654
Fabry-Perot, containing active medium, transmission coefficient and resolution calc. 2—307
Fabry-Perot, frequency narrowing of flashlamp pumped dye laser 2—5369
Fabry-Perot, holographic storage of information 2—23628
Fabry-Perot, hydropneumatic drive for scanning system 2—17740
Fabry-Perot, internal freq. selection of a CO$_2$ laser 2—27480
Fabry-Perot, plane parallel, for periodic spectra obs. 2—17732
Fabry-Perot, resolving power 180000, for absorption spectroscopy near 4.5 μm 2—11540
Fabry-Perot, stabilized multipassed interferometer, high contrast ratio 2—17739
Fabry-Perot deconvolution in unknown continuum 2—2426
Fabry-Perot interferometer, optimization of parameters 2—8037
Fabry-Perrot, gain saturation of high order eigen-waves 2—38065
far i.r. reflection, for normal incidence power reflectivity 2—34480
filament lamp, temp. distrib., interferometric method 2—27595
Fizeau, thermal expansion of Pt from 293 to 1900 K 2—16058
Fourier, Jones matrices 2—8033
free-falling laser-interferometer apparatus, absolute determination of gravity 2—22909
grating, variable shearing of wavefronts and arbitrary fringe direction 2—38063
holographic, as temp. detecting device for fluid boundary layer 2—17454
holographic, study of zero freq. filtered images, obs. of small phase defects 2—5414
holographic, surface roughness measurement 2—31089
holographic interferometer for measuring displacements 2—38009
holographic real time interferometer, phase changes in transparent objects 2—31094
i.r., for high resolution Fourier spectroscopy 2—34492
i.r., with 4 m Cassegrain telescope 2—37430
i.r. Schlieren, for plasma electron density meas. 2—21822
laser, application to distance measurement, problems associated with 2—20798
laser, double, determination of position of objects 2—27532
laser, double-frequency, for dimensional checking of machine tools 2—38001
laser, electron density measurement in the jet of plasma source 2—28594

Interferometers continued
light continued
laser, for displacement and object position obs. 2—21146
laser interferometer with a slit-drum 2—38057
laser transducer. photon-noise-limited. for gravitational radiation antenna 2—2071
laser-Doppler system, application to vibration meas. 2—2428
lateral shearing. self-compensation of errors. by out of focus techniques 2—305
lateral-shear, for spatial differentiation 2—23687
maximum range conditions 2—31092
Michelson, accurate wavelength measurements down to 120 nm 2—304
Michelson, far i.r., for continuous gas analysis, application to UF$_6$ 2—37064
Michelson, for separation meas. of parallel plates 2—8008
Michelson, lamellar grating and Mock types, multiplexing techniques in spectroscopy 2—34546
michelson, on coarsely stabilized spacecraft for high resolution in range 1300-3300 Å 2—11187
Michelson, stellar, alignment procedure 2—33627
Michelson, wide-angle, defocusing 2—2427
mine, inspection of protective plates by interference pattern shift 2—38064
molecular spectrosc. applic., using computer 2—21176
multilayer interference cutoff systems 2—7978
multiple beam reflection. with matched front mirror, exptl. study 2—14448
multiple channel for monitoring large diameter microwave antennas 2—5411
parametric oscillator, optical, interferometric stabilization 2—21059
path length charges due to motion 2—17684
Perot-Fabry, vacuum u.v., construction and operation 2—15208
point diffraction, reference beam generation and applics. 2—34488
polarization, complex amplitude addition and detection of pattern differences 2—5415
polarization interferometer, absolute retardation meas. in mag. field 2—27593
quality control of optical flats and mirrors 2—34518
Rayleigh, for conc. gradient meas. in liquids with mass transport occurring 2—21149
scanning, laser illuminated for obs. of dry mass of living cells 2—5412
scanning Fabry-Perot, optically contacted etalon 2—31093
single beam schlieren system using Wallaston prism analyzer 2—34479
single-point-reference, using nearly incoherent illumination 2—34489
stellar, design 2—7586
Talbot, with circular gratings, sensitive to radial gradient of object 2—30968
Tolansky. accessory for incident light microscope 2—5413
two-beam, fast meas. of integral characteristics of radiation spectrum 2—23690
CO_2-N_2-He, Michelson laser interferometer, phase modulated Q-factor, relaxation processes 2—17688

Interferometry
Fourier transform, general equations for determination of complex indices 2—38061
Jovian decametric L-burst, transhemispheric v.l.b. interferometry 2—30552
metallography techniques 2—25562
NP0532 121.6 MHz emission, very long baseline 2—26788
photoconductive-thermoplastic sandwich's applications 2—6910
submillimeter for i.r., transient plasma diagnostics 2—28593
two dimensional, using pulsed 10.6 μm laser 2—23686
water vapour conc. determ. in two-phase flow problems 2—24632
SiC, polar surface identification, two-beam method 2—18923

acoustic waves
No entries

electromagnetic waves
antenna radiation pattern meas., at 1415 MHz 2—17097
direction finding, on f.m./c.w. sounder, using 3-element crossed baseline array twin channel receiver 2—30927
galactic radiosources toward galactic centre, 21-cm line observations 2—33713
geodesy, precision measurements using very long baseline radio interferometry 2—30132
holography, Airy stress function visualization, analogue plate models 2—14202
i.r., two dimensional, time resolved, real-time 2—7979
long baseline, at decametric wavelength 2—5022
long baseline interferometry 2—26935
lunar surface obs. using dual frequency bistatic-radar 2—33731
lunar topography meas. using radar backscatter 2—33730
microwave techniques for measuring dynamic clearances 2—11393
radar astronomy, very-long- baseline. of exploding quasar 2—30513
radiosources, long baseline interferometry of 3C sources at decametric wavelength 2—26780
very-long-baseline, whole-Earth array 2—33773
H_2O galactic radio sources, very long baseline interferometry of W49, high resolution 2—30523
H_2O line emission in W49 and Orion A, very long baseline measurements 2—33712

light
a.c. differential microscope based on principle of Nomarski microscope 2—34491
acceleration due to gravity obs. using two falling interferometer reflectors illuminated by a laser 2—19
background elimination and reduction in spectra generated by Fourier transform spectrometers 2—8026
bidirectional tilting table, for film thickness meas. 2—38056
di-n-butylphthalate-water systems, interfacial turbulence investigated by microinterferometric and Mach-Zender methods 2—6177
coherent addition of uniform deterministic field to random speckle pattern 2—34413
computerized data reduction system 2—37522
correlation interferometry, 0.1 cm^{-1} resolution 2—8031
correlation interferometry, spectrochemical analysis 2—38150
diffraction suppression 2—309
distance meas., use of gas laser narrow reson. 2—34383
Doppler and Stark shift meas. in spectra of arc heated flow from plasma jet 2—24765
electret surface charge meas. technique 2—16298

Interferometry continued
light continued
etalon effects, extracavity and intracavity, temp. depend., in design of laser systems 2—5347
Fabry-Perot, spherical mirrors, linewidth study of atomic beam lines of BaI and BaII 2—5795
filament lamp, temp. distrib., interferometric method 2—27595
Gabor type speckle interferometry and shearing system 2—2429
hologram. for three dimensional displacement meas. 2—5384
hologram interference fringes for simple nonlinear oscillations 2—17645
hologram-moire, real-time, for liquid flow visualization 2—31091
holographic, CaF_2:La photochromic, holographic recording in, and application to holographic interferometry 2—17657
holographic, comparison of out-of-plane deformation and in-plane translation meas. 2—23652
holographic, comparison with speckle interferometer of similar optical arrangement 2—306
holographic, computed time average fringes of circular plate vibrating simultaneously in related modes 2—291
holographic, cryst. struct. investigation technique 2—35959
holographic, employing photoplastic film 2—17661
holographic, for isothermal diffusion measurements 2—25062
holographic, for visualization of weak inhomogeneities in gas flows 2—24964
holographic, heat transfer measurement 2—17417
holographic, inspection of optical flats 2—38098
holographic, projected interference fringes 2—284
holographic, real-time, plateholder for on-site wet processing of holograms 2—17652
holographic, review 2—23656
holographic, three-frame, pulsed, for helical plasma diagnostics 2—24776
holographic, time average vibration anal., envelope factors due to laser modulation 2—38011
holographic inspection of aspherical surfaces 2—27554
holographic using stroboscope based on ruby laser with passive shutter 2—17651
holographic vibration analysis of engineering structural components 2—23339
holographic vibration or transverse displacement meas. 2—5209
holography, applic. to photoelasticity 2—14212
holography, obs. of rigid body motion 2—14233
holography, reconstruction of three dimensional refractive index fields 2—11498
holography, time averaging in analysis of nonperiodically moving bodies 2—27550
holography applications, conference (Los Angeles August 1971) 2—14147
laser, electron conc. in stabilized plasmas 2—32049
laser, large path difference, problems 2—11513
laser, rel. to thermal expansion measurement of low expansion materials up to 130°C 2—14290
laser, remote 2—27528
laser as radiation source, amplifier and detector of interference in interferometer 2—17685
laser interferometry used to study plasma electron concentration 2—3227
laser wavelength meas. by two Michelson interferometers 2—23688
lasers as standards for length measurement, stability performance 2—23593
Lorentz width obs. on Ar ion laser transitions 2—15195
materials testing by holographic interferometry 2—36183
matt diffusers in holographic interferometry and advantages of phase diffraction gratings 2—34418
microscope method for measuring radii of curvature and surface finish 2—27024
Moire method, analysis of out of plane deformations of plates 2—33986
moire technique, practical improvements 2—27177
Moire three dimension fringe, appl. to high speed transient deformation analysis 2—27187
multiple beam, Bi_2O_3 reflecting films, for obs. of steel 2—1168
multiple beam, det. of thickness uniformity of optical films produced by evaporation 2—35883
multiple beam, for thickness meas. of monolayers of fatty acids 2—6357
nucleate boiling applic., technique and data interpretation 2—25153
Perot-Fabry, vacuum u.v., construction and operation 2—15208
phase transformations, solid state, obs. by interference contrast method 2—25613
photographic plate, deform. during exposure, detect. by holographic interferometry 2—27669
planar scanning of band shape, systematic measurement errors 2—38058
plasma, laser produced 2—35526
plasma density meas. in pulsed discharge 2—28601
plasma diagnostics technique using simultaneous CO_2 laser interferometry and absorpt. 2—15471
S/N ratio in Fourier transform spectrometry 2—38152
semiconductor impurity profile determ. method 2—15779
SIN interferometer bench, examination of holograms of stationary objects 2—38023
small displacement sensing by chromatic asymmetry 2—34481
small displacements by laser beam 2—2055
speckle for steller diameters, diffraction limited meas. using 200 inch telescope 2—26662
speckle pattern, using video techniques 2—21115
speckle pattern, using video techniques 2—34482
spectral distribution meas. of radiant energy, comparative study of methods 2—8028
stabilization of optical parametric oscillator 2—37951
subnanosecond, of plasma filaments in laser produced spark 2—39157
testing of aspheric surfaces 2—34485
testing of optical systems and components 2—34455
thermal expansion measurement of fused silica, 80 to 1000 K, standard reference material 739 2—14289
time lapse, and contouring using television systems 2—7973
two wavelength, techniques, review 2—34490
in volume holograms 2—27537
Youngs fringes, discernment between two dissimilar optical fields, obs. of photographic negatives in coherent light 2—5419
Bi_2O_3 reflecting films, for obs. of steel 2—1168
Hg, excited atoms, concentration measurement behind a shock front using continuous recording interference fringe shift 2—28596
Si film, polycryst., deposition in-process thickness monitor, i.r. interferometry method 2—22077

Interferometry continued
light continued
Si film, polycryst., thickness determ. by i.r. interferometry 2—22076

Intergalactic matter
Chaplygins gas movement, special relativity hydrodynamical analogy for astrophysical effects 2—14090
clouds within Coma cluster of galaxies 2—20480
in clusters of galaxies, possible evidence from double radio sources, morphological difference between those in and out of clusters 2—26609
colour excess from counts of galaxies and statistical search 2—10817
cosmic ray protons, extragalactic origin 2—37244
dust and gas distribution in spiral galaxy M81 2—41060
extinction effects rel. to largest clusters of galaxies 2—41054
gamma rays, redshift, observable, in expanding Universe 2—7375
gas clouds in Coma Berenices cluster of galaxies 2—26613
heavy element abundance from X-ray spectrum of 3C 273 2—26612
infall in galaxies 2—26615
interaction with fast particles, relaxation of power law cosmic ray spectra 2—1945
intracluster gas, limits on clumping in clusters and nearby groups of galaxies 2—26614
Large Magellanic Cloud, radial velocities of 120 H II regions 2—30423
NGC 3034 ejecta, emission-line velocity field 2—33602
X-ray observations, interpretations, review 2—26610
and origin and evolution of universe 2—13834
H photoionization, heating mechanism of QSO radiation 2—26611
H_2, stabilization of clusters of galaxies and closure of Universe 2—10816
H_2, stabilizes clusters of galaxies, closes universe 2—33610
Ne II, detectability at galactic centre, i.r. obs. 2—26619

Intermediate bosons
mass, lower limit from cosmic ray neutrino experiments 2—23866
mass, speculative relation between fine structure and Fermi coupling constants 2—11626
muon guide, made of units of magnetised Fe, identification of intermediate bosons 2—14883
neutral particle, effects in semileptonic processes 2—38213
search, multicurrent weak interaction theory 2—14671
vector boson theory applied to a neutrino process of astrophysical significance 2—21239
weak interaction mediator, spin-zero, particle 2—38215
$\mu \to e\nu\nu$, muon decay, mass restrictions of W-boson, neutrino and variants of weak interaction 2—14579
W-, underground expts. and stopping muon expt. 2—14672
W, electroproduction structure function, nonleading energy behaviour and scale invariance breaking 2—11628
W, mass, from $\mu \to e\nu\nu$ decay 2—21249
W, prod. in NN high energy collisions, cross sections 2—11624
W, spin-1, production via muon beams 2—17947
W, spin-1, protoproduction at high-energies 2—17948
W pair electromagnetic prod. 2—14674
W_0, prod. and detection in high energy μ and ν expts. on Fe 2—27763
W^+, inelastic photoprod., quark parton model 2—17949
$W^+ \to e^+ + \nu + \delta$ decay rate calc. 2—14675

Intermetallic compounds *see Alloys; Semiconducting materials and under the compounds and alloys of the individual metals*

Intermolecular forces *see Molecules/intermolecular mechanics*

Internal conversion *see Beta-ray spectra/conversion electrons; Gamma-rays/internal conversion*

Internal friction
alkali halide, charge cloud damping and phonon damping theories 2—15806
alkali halides, deformed by ultrasound 2—6537
amorphous polymer, tensile strength 2—36145
anelastic creep kinetics rel. to dislocation viscous bowing 2—32613
brittle materials, uniaxially compressed, fracture mech., influence of platen friction 2—19196
ceramic, reed pendulum apparatus and meas. technique 2—25604
cryostat, for meas. during low temp. electron irrad. 2—22319
dislocation damping, due to defect dragging, theory 2—25399
dislocation line vibration, with movable pinning points 2—25401
eicosane single cryst., loss peaks 2—3844
graphite, low temp. electron and neutron irrad. 2—22259
ice, polycrystalline, in 5-400 Hz frequency range 2—30230
instrument for determining modulus of elasticity, internal friction coefficient, and dynamic hardness, large temperature range 2—39857
Invar, in alternating mag. field 2—12834
Invar, mag. internal friction peak, -20°C 2—12833
linear models of dissipation 2—2191
martensite, newly heat-treated from Fe-Ni-C alloy, peak 2—39765
material with strong inclusions, primatic punching rel. to work hardening 2—22329
measurement, apparatus for kHz range 2—25484
medium with anisotropic cohesion, failure stress and isotropic internal friction angle 2—141
metal, b.c.c., role of dislocations 2—12826
metal, polycrystal, plastically deformed, Granato-Lucke theory, Rogers and Grelli modifications 2—12827
metals, measurement by method of forced vibrations 2—29362
metals and rocks of earth's crust, dislocation components 2—29240
neutron stars models for internal heating 2—7435
phenyl containing polymer, cryogenic relaxation, internal friction 2—36098
polyethylene, linear, relax. phenomena, low temp. 2—3845
polymer, deform. influence 2—6525
polymer molecular motions struct. and temp. depend., 4-300 K 2—15807
polyoxymethylene, relaxation processes, 4.2-300 K 2—6592
rocks, earth and moon 2—13993
steel, Fe-Cr-Ni, amplitude depend. rel. to. dislocation pinning in hardening during ageing 2—32697
steel, temper brittleness, critical friction obs. 2—32633
steels, austenitic carbide precipitation effect on grain boundary internal friction peak 2—29246
superconductor, energy losses of moving dislocation, electronic component 2—25783
rel. to X-ray crystallography, Fresnel formulae 2—35963
Ag, Bordoni peak height, meas. freq. depend. 2—15803
Ag, recrystallization, role of impurities, internal friction meas. 2—9736
Ag film, vacuum deposited, 4.2-77 K 2—29245
Al-Cu alloy, rel. to precipitation 2—9791

Internal friction continued
Al-Cu(Zn)(Sn)(Cd) multilayer, yield point, thickness and struct. depend 2—1287
Al-Mg-Si alloy, split aged, relax. processes due to precipitate internal struct. 2—29243
Al, anelastic behaviour, plastic deform., dislocation-point defect interaction, internal friction meas. 80-500K 2—12830
Al, cold-worked Bordoni peak, modulus anomaly 2—32586
Al, neutron irradiation rel. to grain boundary peak 2—22217
Al, powder, 0-500 kg/cm^2 2—12920
Al, rel. to grain boundary relaxation on neutron irradiation 2—22218
Al film, vacuum deposited, 4.2-77 K 2—29245
Al plastically deformed, neutron irrad., anelastic behaviour, internal friction meas. at 80K 2—12829
Au, plastically deformed, irrad., internal friction peaks rel. to impurity conc. 2—9642
BaTiO$_3$, bias field and vibr. amplitude influence near Curie pt. 2—29244
C, stress-graphitized pyrolytic, nuclear irrad. effects 2—32587
Co, near 300°C, associated with lattice defects 2—12831
Co, recrystallization termination, interference of allotropic transform. at 440°C, internal damping obs. 2—39886
Cu-Al-Ni alloy, martensitic transformation 2—3842
Cu-Al-Ni alloy, single crysts., temp. depend., 173-373 K 2—32589
Cu-Ga, solid soln., amplitude rel. to temp., dislocation interactions 2—15804
Cu-Ga(Ge)(Al) solid solutions, anelasticity, stacking fault energy effect 2—9636
Cu, electron irrad., point defect dragging contrib. to dislocation damping 2—25400
Cu, freq. depend., 150-1500 Hz 2—9638
Cu, freq. depend., 150-1500 Hz 2—9639
Cu, neutron irrad. and fatigue depend. 2—15805
Cu, plastically deformed, hydrogenated, torsion pendulum meas., dislocation-H interaction 2—12832
Cu, torsional fatigue, 78 K, shear modulus 2—22260
Cu, under unidirectional repeated tensile loading 2—12893
Cu film, vacuum deposited, 4.2-77 K 2—29245
α-Fe-C solid soln., Snoek peak relaxation strength, dipolar strength, orientation depend. 2—6527
Fe-Cr-C steel, martensitic, tempering, internal friction meas. 2—29393
Fe-N, martensite, interstitial ordering, precip., microhardness, Mossbauer obs., 293-353K 2—9543
Fe-N alloy, vacancy trapping of interstitial solute atoms, internal friction obs. 2—32506
Fe-Ni-C alloy, peak in internal friction of newly heat treated martensite 2—39765
Fe-Si, in alternating mag. field 2—12834
Fe, powder, 0-500 kg/cm^2 2—12920
Fe, variations in different specimens as function of alternating magnetic field in phase with applied stress 2—39766
Ge, plastically deformed single cyst. 2—19165
Mo crystal, dislocation, u.s. attenuation 2—6497
Na$_2$O.SiO$_2$ glass, rel. to struct. heterogeneity 2—1283
Ni film, vacuum deposited, 4.2-77 K 2—29245
PbTiO$_3$-PbZrO$_3$-Pb(Zn$_{1/3}$Nb$_{2/3}$)O$_3$, solid soln. low temp. study revealing diffuse max. at -110C 2—1280
Pb(Zr.Ti)O$_3$, ceramics, mech. quality factor, impurity effects 2—13325
Si ion implanted, ion beam damage effects 2—19166
steel, hydrogen charged, cold working peaks 2—39926
Ti-O, mech. relaxation and diffusion obs. 2—36020
V, deuterium impurity effects 2—29247
V, neutron irrad., annealing, effect of interstitial impurities, internal friction meas., 375-575K 2—25443
W, dislocation interaction with C atoms, tensile tests, internal friction meas. 2—29184
Zn, dragging atom effects on dislocation damping 2—9562
α-Zr, deform. peaks 2—1281
α-Zr, stress induced diffusion of O, internal friction meas. 2—32567
liquids *see Liquids; Viscosity/liquids*

Internal stresses *see Stresses, internal*

Internuclear double resonance (INDOR) *see Nuclear magnetic resonance and relaxation*

Interplanetary magnetic fields
activity during the geomagnetic storm of 8 March 1970 2—7348
correlation with photospheric mag. field 2—37415
direction obs. w.r.t. solar particle flux asymmetry in N. and S. polar cap regions 2—16925
early, and natural remanent magnetization in meteorities 2—4987
galactic cosmic rays modulation, long and short term variations 2—30411
large scale properties and relation to solar features 2—2000
magnetospheric electric fields, origin 2—20363
magnetospheric substorms, effect on occurence 2—13808
north-south component from Explorer and Mariner data 2—14009
polarity variations, rel. to rotating solar magnetic dipole 2—26877
polarity with respect to solar field, sector pattern 2—4994
satellite observations, average field strength of solar wind 2—14008
sector polarity from polar geomag. field obs. 2—7544
sector structure rel. to outer radiation belt parameters 2—30334
shock waves after chromospheric flares power law piston and point explosion models 2—37375
solar protons, non-uniform entry, into polar cap 2—30316
solar sector magnetism, obs. and Babcock model compared 2—2003
solar wind model for magnetized plasma with tensor plasma pressure 2—37392
effect on solar wind outflow, analysed in magnetohydrodynamic approximation 2—14014
streaming of galactic cosmic rays 2—37377
strong fields, responsibility for various obs. effects 2—26581
structure, three dimensional 2—20687
structure at time of solar eclipse of 7 March 1970 2—41248

Interplanetary matter
atomic and molecular reactions 2—41216
circumsolar dust at 4 Ro, det. of vaporization temp. 2—26927
comets, decay to interplanetary boulders, nuclear core-mantle model 2—14002
cosmic ray, analysis of solar semi- diurnal variation 2—33769
cosmic ray daily variation produced by axis-symmetric anisotropy 2—33588

Interplanetary matter continued
cosmic rays, annual modulation of daily variation by f.m. method, application to modulation due to Earth's revolution round the Sun 2—33589
cosmic rays, solar semi-diurnal anisotropy 2—33768
dust, American Astronomical Society, Amherst, USA 1971, conference 2—26623
dust, minimum size and solar approach 2—26871
dust clouds, optical methods obs., review 2—7301
dust from comet Bennet, laser radar obs. 2—14003
dust particles and neutral mols. structure and formation of comets 2—41209
dust particles moving near ecliptic, capture by Earth 2—30543
electron and proton density fluctuations, agreement between space-probe and radio scattering observations 2—14007
electron density at 1.5-10Ro, inferred from observations of solar corona 2—26870
electrons and protons, assoc. with type III solar bursts 2—14013
electrons in solar wind responsible for interplanetary scintillation of small diameter radio sources 2—11024
e.m. wave scintillation studies, review 2—20358
galactic protons, radial gradient, Mariner 4 measurement 2—16954
gamma quanta spectra obs. by Geiger counter on automatic spacecraft 2—30599
grain aggregates, ordinary chondrites, irradiation history 2—41217
jet streams, kinetic equation for partially inelastic grains 2—11023
jet streams, theory 2—41218
meteors, NASA Faint Meteor Spectra Patrol 2—14004
micrometeoroid distributions, search for inhomogeneities and possible relation to cometary matter 2—4988
microscale fluctuations, theoretical constraints on characteristics 2—20704
optical studies, review 2—7301
perturbed zone study during solar activity 2—16957
phenomena causing v. small geomag. field variations, rel. to solar activity 2—20419
plasma, correlated changes between parameters and daily variation of geomag. field 2—16919
plasma, microinstabilities in solar exosphere, model 2—33767
plasma, phenomena and interaction with magnetosphere 2—23083
plasma, satellite observations, average field strength of solar wind 2—14008
plasma irregularities with power law spectra, radio scintillations 2—11025
scintillation, r.f. 2—33756
scintillation of 318MHz emission from pulsars CP0950 and NP0527 2—26776
solar cosmic ray bursts, energy changes in interplanetary space 2—17057
solar protons, associated with propagating interplanetary shock waves, directional and temporal properties 2—14015
trans Saturnian belt of particulate matter 2—41205
Venus, comet-like interaction with solar wind, Venus probes data 2—37376
H$_2$O and O$_2$ particles, released from Apollo missions, interference with scientific observations 2—30600

Interstellar magnetic field
decoupling in dense interstellar clouds with angular momentum, formation of protostars 2—26671
dynamic equations for stochastic field lines in the Galaxy 2—13927
galactic, helical model, studies from pulsar rotation and dispersion measures 2—13952
galactic, mean longitudinal component from pulsar-rotation measures 2—4794
galactic and metagalactic fields, limits 2—13835
high energy cosmic rays, scattered by hydromagnetic waves, generated in highly ionized regions 2—37245
local, relationship to high galactic latitude H clouds, structures 2—26762
loop structures, similarity models 2—4899
Parker's dynamo theory rel. to origin and form of galactic magnetic field 2—37255
production, dynamo equations, cyclonic convection 2—16915
strength and dirty ice grains oriented by parametric relaxation 2—33689

Interstellar matter
see also H I regions; H II regions; Interstellar magnetic field
effects on 3C 391 supernova remnant continuum radiation and cut off at low frequencies 2—37329
γ production from p-p reactions 2—26756
absorption, obs. from uvbyβ photometry of stars in direction of association Perseus OB 2 2—4856
absorption at the galactic poles, BV photometry of A-type stars 2—20602
absorption clouds, in southern hemisphere, positions, finding charts and descriptions 2—1944
absorption lines, Ca II, H and K 2—4870
absorption lines as optical tracers of spiral structures in the galaxy 2—26616
absorption of Crab Nebula X-rays 2—37270
absorption of u.v. emission from pairs of stars 2—4869
abundance gradients across spiral galaxies, planetary nebulae rel. to interstellar medium enrichment 2—37269
antimatter, symmetric existence in universe, review of arguments 2—16951
antiproton cosmic flux, energy spectrum 2—7368
atoms, population of high levels at low temps. 2—26748
charged dust grains, explan. of HI anomalous columnar density in Orion region 2—26747
circumstellar gas shells in the young NGC 2264 cluster 2—20596
cloud distribution in Perseus Arm 2—4793
cloudlets, Heile's procedure for definition and property det. 2—26755
clouds, chemical constituents, review 2—10918
clouds, dense, with angular momentum, decoupling of mag. fields 2—26671
clouds, disruption of stellar clusters 2—41128
clouds, effect of spiral structure 2—4904
clouds, tidal fields passing galactic clusters 2—10903
clouds, velocity det. by optical and radio obs., comparison of results 2—37320
cold cloud, H I components, self absorption 2—7465
cooling and recombination in gas ionized by supernovae 2—26754
cosmic ray plasma and Alfven waves as explanation of pulsar twinkling 2—30506
cosmic ray propagation and kinetic theory and evolution of relativistic plasma in magnetic field 2—8911

Interstellar matter continued
cosmic X-rays, diffuse, characteristic line spectra, mode of excitation 2—7370
dark clouds, 1 μ search for young stellar objects 2—26679
dark clouds, formaldehyde absorption obs., kinematics 2—26758
density inhomogeneities damping by drift motions 2—4903
dirty ice grains oriented by paramagnetic relaxation and interstellar magnetic field strength 2—33689
dirty ice particles with graphite cores, size distrib. around early type stars 2—33695
dust, charged, classical distributions and electromagnetism 2—4906
dust, extinction curves for stars, u.v. photometry from OAO 2—10912
dust clouds, thermal OH emission from NGC 2264 Young open cluster 2—26735
dust clouds in the elliptical galaxies NGC 185 and 205, near M31 2—13850
dust grains, scattering of starlight to produce diffuse galactic light, absolute intensity obs. 2—7459
dust in spiral arms of the Galaxy growth, distribution, chemical composition 2—20598
dust lanes and H II regions in spiral galaxies 2—13881
electron density, mean and mean square 2—10917
electron density and magnetic field fluctuations effects on Faraday rotation and signal dispersion 2—13923
electron density and magnetic field fluctuations effects on Faraday rotation and signal dispersion 2—13924
electron density and temp. det. from r.f. recombination lines 2—4901
electrons produced by cosmic ray nuclei in interstellar medium, energy spectra 2—30507
evolution, time dependent models for events following supernova flash, thermal and ionization balance 2—37317
expanding interstellar elliptical ring of dense HI with its centre close to the Sun 2—41139
extinction curve, broadband structure 2—7464
formaldehyde, collisional pumping mechanism for anomalous 6 cm absorption 2—26750
formaldehyde, detection of ^{18}O isotope at 4388 MHz 2—10916
formaldehyde, obs. of 6 cm absorption, in SgrA, SgrB2 and galactic plane 2—17020
formaldehyde in dust clouds 2—26757
formaldehyde photochemistry and lifetime 2—4898
formamide, detection of 1_{11}-1_{10} transition at 1540 MHz in direction of Sgr A and B2 2—26761
Galactic shocks, flow in spiral gravitational field 2—33595
gas, quasisteady flows in spiral gravitational field, galactic shock obs. 2—20597
gas, role in annual variations of cosmic rays, ionization by solar radiation 2—17013
gas, shock waves as link with spiral structure in a galaxy 2—20486
gas abundances, observations 2—4902
gas hydrostatic equilibrium, stability and velocities in the solar neighbourhood 2—13841
gas in galactic centres, collapse time dependent stability analysis 2—33582
grains, alignment by galactic soft X-rays, effect of interstellar absorption 2—10919
grains, rotating, interaction with l.f. cosmic radiation 2—20603
gravitational effects on the outer part of the Oort cometary cloud 2—4982
H, high velocity outside galactic plane, search 2—26753
H I region towards K3-50, soft X-rays ruled out as interstellar ionizing mechanism 2—10841
high velocity clouds in Perseus and outer arms rel. to spiral structure 2—30420
hydrocarbons in absorption bands of type I supernovae spectra, laboratory simulation 2—7438
ice and graphite grains surrounding early type stars, temperature and thermal evaporation 2—7458
ice and graphite particles, graph of scattering for spherical particles and application to extinction 2—7457
ice grains, sputtering in HII regions 2—7399
interstellar reddening determination using eight-colour intermediate band photometric system 2—37293
ionized gas, effect of turbulence on the galactic magnetic field lines 2—13927
ionized gas, interstellar scattering, apparent size of radiosources 2—41057
Large Magellanic Cloud, spiral structure and stellar spatial distributions 2—23058
M31, recordings of dust from specially processed plates 2—41052
M31, relative line strengths and abundances in emission regions in the nucleus and disk 2—13851
maser sources, review 2—30401
masers, OH and H_2O, emission profiles,shapes and polarization 2—7460
methane photochemistry and lifetime 2—4898
methyl alcohol in Orion at $\lambda \sim$1cm 2—7462
methylacetylene in galactic centre source Sgr B2, ^{5}O-^{4}O transition at 85457.29 MHz 2—7461
microwave astronomy, molecules, chemical reactions 2—10921
microwave receivers for molecular line radio astronomy 2—11168
model, based of Ca^0, Ca^+ and Na lines 2—30505
models for distribution and kinematics, one and two components 2—30504
molecule formation on grains in H I regions 2—37315
molecules, formation mechanisms 2—13926
molecules and dense clouds, use of molecular spectroscopy as astronomical tool 2—41144
motions, locally chaotic, large scale organization 2—26760
motions and composition, American Astronomical Society, Amherst, USA 1971, conference 2—26623
Oort's cloud, rate of destruction by stars passing through it 2—30591
organic chemistry, simulated 2—7463
plasma, weakly ionized, e.m. wave equations 2—28551
polarization in the region of interstellar absorption band at 4430 Å 2—20595
polarization of stellar radiation, general law 2—7428
polyoxymethylene, thermodynamic stability in conditions prevailing in clouds 2—20604
pulsar radiation scattering 2—4937
quartz particles, irradiated as interstellar grains 2—10920
radial velocity distributions of stars and gas in spiral arms 2—20485
recombination lines from emitters of intermediate mass 2—37323
reddening law, 3450 to 5800 Å structure 2—26751
reddening of stars in the direction of RR Lyrae, BV photometry 2—20574

Interstellar matter continued
scattering of 318MHz emission from pulsars CP0950 and NP0527, det. of angular sizes 2—26776
spiral density wave, streaming of interstellar gas and young stars, local linearized velocity field 2—37319
stability properties for encounterless self-gravitational gas and plasma 2—10866
stability weak D-type ionisation waves behind optically thick layer of ionised gas 2—28640
synchrotron emission, effects of ionized medium, emissivity of cosmic electrons 2—33688
theoretical background and observational data, review 2—26764
thermal condensations in cooling gas 2—33693
ultrahigh energy cosmic rays, origin, discussion based on absence of flattening above 3×10^{18} eV 2—10802
ultrarelativistic cosmic rays, confinement to the Galaxy by long wavelength hydromagnetic waves 2—26604
u.v. stars, overlapping Stromgren spheres and HI clouds 2—37318
X-ogen, unidentified emission line, detection in NGC 2024, K3-50, and NGC 6334 2—20601
X-ray studies 2—20606
CH and CH^+ radicals, abundance obs., equivalent line widths 2—26749
CN, search for emission line at 2.64 mm, null result 2—33697
CO, photochemistry and lifetime 2—4898
CO in dense interstellar clouds 2—41140
CO lines in the spectrum of zeta Ophiuchi, 3K background 2—20600
Ca, Na, ionization equilibria as a function of position 2—33687
Ca feature in region of η Carinae 2—20605
Ca I lines at λ4226 for four stars with strong Ca II K-lines 2—4900
Ca II, interferometric, photoelectric, scans of K-lines in 65 stars 2—26746
Ca II K-line profiles in front of distant OB stars 2—37321
CaII lines, deduction of southern galactic structure 2—20484
H, neutral, absorption-line study at 21cm wavelength 2—10914
H, neutral gas, one-component model 2—30503
H, role in termination of solar wind 2—30620
H, survey from Lyman α absorption obs. 2—20593
H and He radio recombination lines in interstellar gas 2—33692
H cloud structures at high galactic latitude, relationship to local magnetic field 2—26762
H distribution in Perseus arm, model using superposition of randomly located clouds 2—37316
H feature, high velocity, in South Galactic Pole region, 21 cm obs. 2—37322
H gas cloud, fragmentation and gravitational contraction in expanding universe 2—33698
H I galactic spur, coincidence with radiocontinuum Loop IV 2—13925
H I regions in the Scutum arm of the Galaxy, kinematic models 2—30416
H_2, condensation in gas clouds onto solid grains 2—7466
H_2, transitions between excited states, possible origin of diffuse interstellar absorption lines 2—12142
H_2 condensation obs. 2—39430
H_2 molecules, attempt to detect emission lines within the 3-0 vibrational band 2—20599
HI clouds, interstellar Na line formation in cloud or intercloud medium 2—4897
HI region, measurement of fractional ionization towards the K3-50 galactic nebula 2—33691
HI regions, high velocity Berkeley 21 cm line survey 2—41143
HI regions, loop-like structure near North Celestial Pole 2—33690
HNC in galactic sources W51 and DR 21, emission at 90665.0 MHz 2—7461
HNCO, excitation 1_{01}-0_{00} transitions 2—26759
HNCO in galactic centre source Sgr B2, $^4O_4$—$^3O_3$ transition at 87925.45 MHz 2—7461
H_2O, photochemistry and lifetime 2—4898
^{2}H abundance from H_2 and HD i.r. emissivities calc. 2—41141
He/H abundance ratio, HI and HII regions rel. to galaxy types 2—13928
He, interaction with solar wind 2—14016
Li, Be, B produced by galactic cosmic rays 2—13818
NH and NH_2 radicals, predictions for occurrence 2—17012
NH_3, photochemistry and lifetimes 2—4898
Na I relative line strengths in e.u.v., use in abundance estimations 2—10913
Na lines, as discriminant between models for galactic HI regions 2—4897
OH, possible formation through inverse predissociation 2—12186
OH and formaldehyde clouds, physical conditions and molecular formation and lifetimes 2—33694
OH emission, search in high galactic latitudes 2—13922
OH emission sources, interferometer positions 2—20594
OH sources, obs. of excited lines near 4700 MHz 2—10915
Oh radical discovery 2—16949
SiO_4 absorption in spectrum of VI Cyg No. 12, search 2—7467
Interstitials *see Crystal imperfections/interstitials*
Invariance (CP, CPT) *see Elementary particles/symmetry*
Iodine
adsorped on Mo, desorption kinetics, surface lifetimes 2—35915
atom, metastable, deactivation in collision with perfluoroalkyliodide molecule 2—8449
atom, visualization, dark field electron microscopy, scattering cross sections 2—21521
atomic spectra, wavelengths in 1.8-4.0 μm region 2—28190
atoms, collisions, with Li, Na, K atoms, chemi-ionization cross section 2—684
atoms recombination in presence of I_2 and He, Ar, Xe, N_2 and CO, studied by flash photolysis 300-1173K 2—26356
chemisorbed by Cu, effect on surface self diffusion, 383-1044°C 2—9249
fission product extruded into primary coolant, produces post shutdown surge in Xe activity 2—8393
heavy ions, collsions on O_2, Ar, Kr, Xe, C and Au, determ. of charge state fractions 2—668
ions, 10-75 MeV, traversing dense jet of CO_2, charge distribution meas. 2—3142
ions, $2p_{3/2}$ and $2p_{1/2}$ vacancy production by collisions at 15 to 60 MeV, differentiation 2—667
ions, charge exchange in dense jet of CO_2 2—35581
ions, passing through gases, 12 MeV, meas. of electron capture and loss cross section as test of additive rule 2—889
ions scattered from Te thin targets, 18-46 MeV, impact-parameter dependence of X-ray production 2—38842
lattice absorption, single crystal and liquid phase 2—33266

Iodine continued
molecule, collisional depolarization of laser excited fluorescence 2—38919
molecule, inconsistency of assignment of vibrational levels to O_g^+ state with long range behaviour 2—8661
molecule, monochromatically excited, quenching and vibrational relaxation in $v'=6$ 2—18438
molecule, photoelectron spectra, total and partial photoionization cross sections 2—15312
molecule, reactive scattering with H and D atoms 2—704
molecule, spectrum and excitation functions 2—31804
molecule, vibrational structures of E→B and F→X emission systems 2—21618
molecules, collision with Na, K, Rb, Cs, cross section meas., comparison with harpooning model predictions 2—686
molecules, collisions with superthermal K atoms, ang. scattering cross sections 2—682
molecules, ionization threshold, effect of hot bands 2—12154
photochromic glass, founding techniques with heavy halogen additions 2—5439
photoconductivity of matrix-isolated molecules at low temperature 2—25951
polyethylene terephthalate film, effect of sorbed I on small angle X-ray diffraction 2—35860
as reactor gaseous fission product, ice absorption 2—543
resonance fluoresc. continuous passage to reson. Raman effect 2—8660
solid and liquid, thermodynamic equations or calorific capacity and vapour pressure 2—6226
spark low pressure, negative ion to electron density rati and ionization obs. in non-uniform field conditions 2—24909
vapour resonant Raman effect, time ordered diagram for creation of higher vibrational levels 2—12073
Al:I, oxidation rate, effect of I traces 2—37044
CuCl:I, luminesc., rel. to excitons 2—13504
I-I_2 collisions, inelastic, molec. trajectory calc. presented as computer-animated films 2—2972
I_2-W, gas phase equilibr., simulation 2—20181
I^-, in KCl:NO_2, effect on low temp. spectra 2—16492
I^-, collisional detachment and charge exchange cross sections in energy range 300 to 3000 eV 2—5836
I^-, in KCl, colour centre form., irrad. intensity effects 2—22230
I^+ and I_2^+ collisions with alkanes, cross sections for positive ion prod. 2—24578
I_2, charge exchange with alkali atoms, adiabatic electron affinities 2—38898
I_2, quantum yield for unimolecular dissociation in visible absorption 2—31803
I_2, Raman lines intensity det. and importance of virtual transitions 2—18439
I_2, reson. Raman effect in absorpt. continuum, degree of depolarization of vibr. bands 2—24440
I_2 dilute solutions, Resonance Raman effect studied 2—12565
I_2 thermal diffusion in inert gases 2—9046
I^{4+} to I^{18+} cross sections for electron capture and loss in N_2 and Ar 2—35580
$^{127}I_2$, excited by 632.8 nm He/Ne laser, lifetime meas. 2—12155
$^{127}I_2$, nuclear hyperfine structure in electronic spectrum obs. by saturated absorption spectroscopy 2—12156
^{129}I, gamma-ray analysis in Te ores to estimate ^{129}Xe 2—7193
^{129}I extinct, in meteorites and history of solar system 2—1996
^{131}I, removal from reactor waste by methyl iodide trapping 2—5763
^{131}I, therapy of thyroid cancer 2—26948
^{131}I activity concn. in air, automatic instrument for continuous obs. 2—4698
^{131}I therapeutic effects in hyperthyroidism with diffuse goiter, relationship of thyroid scintiscan 2—20736
^{131}I treatment of hyperthyroidism, dangers and complications 2—23150
^{131}I use in therapy of the autonomous functioning thyroid 2—23149
I+H_2 collision system, classical trajectory study of energy transfer 2—28431
I_2+K→I^-+I+K^+, differential cross section for chemi- ionization in inelastic collisions 2—28223
KBr:I, luminesc. from bound excitons, polarized light obs. 2—26236
KCl:I, impurity induced Raman spectra 2—26194
NaCl:I, impurity induced Raman spectra 2—26194
in Sb_2Te_3, effect on elec. cond. 2—19651
Se:I, In, molten, impurity influence on props. 2—3406
ZnS:I, low voltage electrolum., due to acoustoelectric instability 2—36966

Iodine compounds
As-I system, interactions and vapour comp. 2—28934
I complexes, electronic, spectra, effect of intermolecular interactions 2—8578
IBr, charge exchange with alkali atoms, adiabatic electron affinities 2—38898
IBr, molecules, ionization threshold, effect of hot bands 2—12154
IBr, reactive scattering with H and D atoms 2—704
ICN, molecular Zeeman effect, magnetic properties and electric quadrupole moments 2—24437
ICN, Zeeman effect 2—12123
ICl, IBr, hot band effects on ionization threshold 2—18420
ICl, IBr+K_2, reactive scatt., ang. distribution meas. and total reaction cross sections 2—31885
ICl, molecules, ionization threshold, effect of hot bands 2—12154
ICl, reactive scattering with H and D atoms 2—704
ICl gas, microwave absorption and dispersion 2—38918
ICl low-pressure vapour, time-resolved fluorescence 2—21617
IF_5, atomic struct., X-ray diffr. obs. 2—3712
IHI- bihalide ion, proton shielding studied to elucidate electronic structure 2—31792
IO, dissociation energy estimate from R-K-R curve 2—24475
IO_2F^-, e.s.r. in γ-irrad. KIO_2F_2 cryst. 2—20142

Ion beams
see also Energy loss of particles; Ion optics; Mass spectrometers; Particle accelerators; Sputtering
acceleration by intense electron beams, collective ion acceleration model 2—34845
acceleration by intense electron beams 2—34846
accelerator produced, survey 2—5604
ALICE, heavy ion cyclotron, linear accelerator as injector 2—34854
alkali ions, channelling in W, Mo, KCl, scatt. 2—36391

Ion beams continued
atomic collisions in solids IV-physics of channelling and related phenomena, conference Gausday, Norway, Sept. (1971) 2—36379
axis calculation in inclined field tubes with equal maximum displacements of the tube 2—5611
backscattering analysis, multilayer films 2—15659
b.c.c. lattice, blocking effect, Monte Carlo calc. 2—25699
beam-plasma interaction, phase focusing 2—6094
channelled, flux enhancement, rel. to lattice site location, computer calcs. 2—36380
coherent acceleration, resonant excitation of charge density waves 2—14810
collective acceleration, by scanning and rotation of electron beam 2—14811
control and r.f. stacking in intersecting storage rings 2—14894
counterstreaming through cold neutralizing electron plasma 2—35563
crystal surface, scatt. phenomena spatial distrib. 2—6306
cyclotron, parameter improvement using slit collimator 2—18052
in cyclotrons, stripping to obtain high energy heavy ions 2—27927
cylindrical, obs. in electron ring accelerator 2—14841
deflection, current-density redistribution in cross section 2—23534
detection, fluorescent screen for use in heavy ion beams 2—5586
diagnostics, from ion sources 2—7888
direct extraction of negative heavy ions from duoplasmatron source, beam intensities 2—27437
dumping and scraping in intersecting storage rings 2—14896
electron-ion rings, resonant coupling of transversal oscillations due to polarization 2—14735
electrostatic hexapole lens, third order transfer matrices for fringing fields 2—34365
energy loss, rel. to adsorption layer detection on thin films 2—39548
energy scatter on exit from h.f. shielded discharge source 2—31014
energy spectrum display at output of linear ion accelerator using transparent induction pickup 2—31394
extracted, matching and transport from plasma surface 2—8962
extraction from duoplasmatron source, emittance meas. 2—37932
fast, determination of metastable state fraction by beam attenuation technique 2—11447
fast heavy ions, equilibrium charge states 2—34358
film, epitaxial, ultra-thin pseudomorphic struct., Rutherford scatt. study 2—40103
formation, state of development, review 2—27439
formation and scanning system 2—7890
heavy, acceleration in Bevatron 2—14809
h.f., photometric study of cross-over image with rare gases 2—34847
hollow cathode glow discharge application to ion guns 2—37899
injector for linear accelerator, construction 2—18053
intense, production with energies <10 keV, review 2—7881
intense, with extraction energies >10 keV 2—7880
Kepler, inclined-beams instrument for study of two particle collisions 2—11998
l.f. injection mode for ring cyclotrons 2—24119
l.f. injection mode for ring cyclotrons 2—31396
linac output, synchronous beam, energy spectrum and instability 2—14817
manipulation and orbit correction in intersecting storage rings 2—14897
mass spectrometer, geometrical aberrations, calc. 2—18270
merging beam technique of ionization of positive ions by electrons 2—38822
merging electron-ion beam expt. (MEIBE), electron ion recombination and detachment processes studied 2—11438
metal, high energy heavy ion backscatt., Monte Carlo calc. 2—40101
multiple aperture extractor design for producing intense beams 2—34354
multiply charged heavy ion sources, conference (Gatlinburg, Tenn., USA, 1971) 2—34330
output from Lamb shift type polarized ion source, beneficial effect of air leak 2—7878
parameters in intersecting storage rings, computer controlled system for forecast 2—14899
performance and properties, diversities in requirements 2—7874
plasma turbulence study using external beam 2—32041
polyatomic target, Monte Carlo simulation, range and energy distrib. 2—32860
preinjector, 750 keV, density distribution obs. 2—8244
probe, ultramicro analysis 2—7195
production, multiple aperture extractor design 2—7885
production and acceleration by intense relativistic electron beams 2—34844
profile scanner, wide aperture, high gain, design and circuit 2—23538
profile scanner, wide aperture, high gain, design and circuit 2—31001
quality and intensity limitations in accelerator 2—14807
α-quartz, axial and planar channelling 2—29579
radial electrostatic field ionic pump, optimal conditions for electron injection 2—27441
scattering by crystal, focusing effect 2—18922
scattering of channelled ions by electrons and lattice vibrations, theory 2—40099
scattering of He^+ by solid targets, energy distrib. 2—40102
single crystal investigations using fast secondary ions apparatus 2—23554
solid target, spatial distrib. of incident ions, calc. 2—22444
spectrometer to sub-thermal ion initial velocities, design details 2—11448
Stern Gerloch expt. on charged particles using combined electric and magnetic helical quadrupole fields, critical examination 2—35173
stochastic acceleration by electron beam, nonlinear theory 2—7899
surface analysis, low energy ion refl. technique 2—32331
surface analysis, low energy ion scatt. technique 2—32330
target, for producing uniform distribution of irradiation damage 2—560
theory, technology and applications, conference, New York (1971) 2—7873
total distribution function measurement in magnetic field 2—31015
transfer and accel. in 200 GeV intersecting storage accelerators 2—14836
transverse oscillations in intersecting storage rings, damping 2—14895
widths and intensity distributions for ion sources with distributed ionization region to collimating type optical system 2—31016
Ag, refl. of keV Na^+ and K^+ beams, energy and angle of incidence depend. 2—22065
Ag epitaxial ultra-thin pseudomorphic layer on Pd, Rutherford scatt. study 2—40103
Ar, scatt. by Au, expt. and computer simulation 2—36384
Ar^+, fast, obs. of Zeeman effect in optical spectra 2—34357

Ion beams continued
Au, refl. of keV Na^+ and K^+ beams, energy and angle of incidence depend. 2—22065
Au, sputtered atom energy distrib., incident ion energy effects 2—40105
Au, sputtered ejection patterns, contribution from atomic collision sequences 2—40113
Br, 5.5 MeV/amu, production by linear accelerator 2—5609
C foils as heavy ion strippers, increase of lifetime at high temp. 2—14858
Cs, production and acceleration 2—23552
Cu, atomic number depend. of heavy ion sputtering yield 2—40114
Cu, heavy ion channelling, critical angle determ. using charact. X-ray generation 2—29575
D^+, channelling in Si, quantum effects 2—36387
Fe, channelling of heavy ions, ang. distrib. and critical angles 2—9907
Ge:B,P, amorphous, implanted, path length distrib., 25-150 keV 2—25710
Ge, channelling, minimum yield temp. depend. 2—13063
Ge, penetration depth depend. of angular dips, for H^+ and D^+, backscatt. study 2—40111
H, trapping, reflection and re-emission at metal surface 2—39551
H from r.f. source, operation characteristics 2—17566
H^- production by recharging protons on recharging targets of Li, Na, K and Mg 2—7900
H^+, channelling in Si, quantum effects 2—36387
He, backscatt. and channelling obs. of Si:Yb 2—36054
He, channelling in CaF_2 single crystals, energy range 0.67 to 4.00 MeV 2—9905
$^3He^{2+}$ acceleration and extraction from Van de Graaff accelerator 2—11694
$^4He^+$, backscattering obs. of Sn evap. film growth 2—32379
Mo surface, low energy noble gas ion bombardment, energetic neutrals scatt. 2—6332
N^{5+}, N^{6+}, acceleration to 7 GeV in synchrotron 2—14808
Ne and Kr, 6 keV bombardment of Ag single crystal, sputtering yields for temps. from 200-600°C 2—32859
Ni^+, 4 MeV, lifetime of C foils 2—34361
O and S ions, equilibrium charge state distribution in carbon stripper of tandem accelerator 2—27919
O^+, fast, obs. of Zeeman effect in optical spectra 2—34357
Si, backscatt. spectra of mol. hydrogen ions 2—9908
Si, channelling, minimum yield temp. depend. 2—13063
Si, dechannelling of He ions 2—36388
Si, light ion channelling, energy loss determ. 2—40118
Si, penetration depth depend. of angular dips, for H^+ and D^+, backscatt. study 2—40111
Si epitaxial layer, channelling, crystal imperfections detn. 2—19084
Si overlaid with amorphous films, scatt. influence on He^+ channelling 2—4092
Si surface barrier detectors for spectrometry of low energy ion beams 2—27840
Si thin crystal, channelling of supercollimated beam of H^- ions 2—22436
Si thin crystals, stopping power of energetic He ions 2—40117
W, penetration and backscatt. of Kr^+, computer simulation 2—29581
W, sputtering, cluster yield 2—40112
ZnO, coloured, channelling and blocking, interstitial Zn conc. detn. 2—19094

effects
20 to 500 keV Ar bombardment of elemental, compound semiconductors, sputtering 2—25704
alkali halide, He^+ ion, channelling, radiation damage 2—3754
amorphous solid, scatt., backscatt., range, trajectories, Monte Carlo simulations 2—17567
electron emission and luminescence, irrad. crysts., shell struct. effects, Slater function method 2—25984
entrapment in sites associated with radiation damage, theory 2—6470
in ferromagnetic material, slowing down due to strong internal magnetic field 2—6701
film, metal, condensation, effect of ion beam bombardment 2—29041
film, structure modification during deposition 2—39482
90° forward scattering through thin targets for det. of lighter impurities on Si 2—16714
n-GaAs-metal tunnel contact, bombardment effects on tunnelling characts. 2—16251
heavy ion stripping by solid foils between 1 and 6 MeV/nucleon 2—34360
heavy ions, energy deposition and penetration depth in electronic stopping region 2—6472
heavy ions stripped in gases and solids, average equilibrium charge states 2—34359
insulator, surface charging by ion irrad. 2—12633
metal, implantation damage, effects on hyperfine interaction meas. 2—19946
metal surface, polycrystalline, electron microscope obs. after ion bombardment at grazing incidence angles 2—39459
photodiodes, obtained by bombarding Si surface with positive ions 2—36618
quartz, refractive index modification 2—25417
radiation damage in solids 2—15736
rare earth Fe garnet, mag. anisotropy control 2—25417
semiconductor, amorphous state produced by ion bombardment, Raman spectra obs. 2—26186
semiconductor, heavy ion bombardment, amorphous film production 2—25367
semiconductor, implanted, radiation damage, Rutherford scatt. and channelling obs. 2—19068
semiconductors, bombardment by slow ions, physical props. effects 2—25803
solid, photon emission during alkali ion bombardment 2—36955
solid interactions, conference contrib. 2—25703
sputtered metal atoms, mean energy meas. 2—36370
steel, 316 stainless, 20 MeV C^{2+} irradiation, void swelling, dose depend. 2—6468
steel, stainless, defect struct. 2—9517
steel, stainless, nitrided layer formation, struct. and mechanism 2—12927
stripper foils, multiple scattering of heavy ions 2—34362
void formation during irradiation, theory 2—25365
Al, defects due to Al^+ bombardment 2—39668
Al film ion impression onto GaAs wafers 2—32358
Ar^+, on electrical resistivity of Ti films 2—22496
Au, channelling of O ions, rel. to emerging charge-state distribs., 4-40 MeV 2—36383
Au, defect cluster visibility, electron microscopy 2—9520

Ion beams continued
effects continued
Au, Xe irradiated, cascade threshold energy for electron microscopy 2—9516
Au surface bombardment, cone formation 2—6474
CdS, radiation damage due to implantation 2—15774
CdTe, Bi implantation, damage and annealing obs. 2—36049
CdTe, ion implantation lattice disorder and outdiffusion 2—25370
Cu, Ar bombardment etching, surface relief, scanning electron microscopy 2—18921
Cu, Cu^+ irrad., defect cluster size density and distrib. 2—1235
Cu, irrad. induced defect clusters 2—39670
Fe, depth distrib. of energy deposition by Fe^+ 2—6475
Fe, radiation damage 2—9907
GaAs:Al(P), implanted, i.r. localized vibr. mode absorpt. 2—13474
GaAs:Cd, implantation damage, annealing 2—9521
n-GaAs:Zn, bombarded, enhanced diffusion 2—25446
n-GaAs, arsenic implantation effects on elec. props. 2—25846
n-GaAs, compensation by proton bombardment 2—25820
GaAs, correlation of heavy ion irradiation data 2—39469
GaAs, implanted, lattice damage and elec. activity 2—25372
GaAs, ion implanted, anomalous diffusion of defects 2—25445
GaAs, p-type layer production, Be and Mg implantation 2—22220
GaAs single crystals, bombarded with inert gas ions, sputtered elements spatial distrib. 2—1441
GaP, annealing behaviour after Ne^+ irrad. 2—25374
GaP, radiation damage due to implantation 2—25373
GaSb single crystals, bombarded with inert gas ions, sputtered elements spatial distrib. 2—1441
Ge, ion bombardment induced disorder, sputtered atom ejection pattern studies 2—22370
Ge, irrad. defect production and removal, secondary electron emission monitoring 2—29169
Ge, O ion beam irrad., absorpt. spectra 2—22766
Ge, refl. coeff. changes, disordered region form 2—22727
Ge surface, electron emission, relaxation process and defects 2—19815
Ge thin crystal, irrad. damage and annealing 2—22180
He, bombardment of CdS films, elec. cond. 2—40247
$^4He^+$ beam-foil excitation mechanism 2—8481
I ions, charge exchange in dense jet of CO_2 2—35581
I^{4+} to I^{18+} cross sections for electron capture and loss in N_2 and Ar 2—35580
InSb, ion implantation lattice disorder and outdiffusion 2—25370
InSb single crystals, bombarded with inert gas ions, sputtered elements spatial distrib. 2—1441
Ir, heavy ion radiation damage 2—39673
KBr, sputtering by Ar^+ and Xe^+, mass spectrometry obs. 2—22447
$^6Li^+$ and $^7Li^+$ beam-foil excitation mechanism 2—8481
metallization on Si, enhanced diffusion and migration 2—25472
MgO, He^+ ion, channelling, radiation damage 2—3754
Mo, depth distrib., radiochemical techniques for Kr ions 2—25712
N^+, sputtering of Si, surface damage effects 2—39467
Nb foil, destruction of supercond. 2—6778
Ni, surface desorption of H_2, spatial distrib., comp. and orientation effect 2—25231
Ni alloys, low energy He^+ ions, effect on surface struct. 2—3498
Ni foil, 20 MeV C^{2+} bombardment, void formation, swelling rel. to dose 2—6476
Pd, implanted, He release obs. 2—12751
Si:As, beam effects in the ion channelling for lattice location detn. 2—32550
n-Si:B, implanted, effect on elec. props. 2—25868
Si:B, implanted, lattice parameters 2—9488
Si:B, ion implantation damage, elec. profile and annealing behaviour 2—25867
Si:B implanted, acceptor profiles, damage depth distrib. 2—6504
Si:B implanted, deep level centre obs. 2—4231
Si:B ion implanted, post implantation of Si ions, enhanced annealing effects 2—25428
Si:B ion implanted, postimplantation of Si, enhanced annealing effects 2—19112
Si:B ion implanted, random and channelled distrib. 2—25427
p-Si:N ion implanted at cryogenic temps., amorphization 2—25430
n-Si:P, D irrad., effect on Hall mobility, carrier density 2—22566
Si:P, elec. active damage in hot implantations 2—25869
Si:P ion implanted, deep localized energy levels 2—25870
Si:P ion implanted, divacancy radiation damage, e.p.r. obs. 2—26265
Si:Sb,O implantation disorder, ionization and thermal dependences 2—25376
Si, amorphization, bombardment induced, by Ar, As, B, Ne, P, Sb, Si ions 2—1242
Si, amorphization by 30 keV P ions 2—25381
Si, B^+, P^+, and Ne^+ ion implantations, crystal damage and elec. props. 2—25380
Si, channelled and non channelled In ions, elec. props. and impurity profile 2—25871
Si, correlation of heavy ion irradiation data 2—39469
Si, crystalline-amorphous transition 2—25159
Si, damage, internal friction and flexural resonance obs. 2—19166
Si, implantation damage, electron microscope obs. and elec. meas. 2—22181
Si, implantation damage, study by proton backscatt. 2—25705
Si, implantation disorder, effects of flux, temp., and ionization 2—22182
Si, implanted, localized surface defects 2—9527
Si, In-implanted, elec. props. 2—6852
Si, ion-bombarded, lattice strain 2—36021
Si, ion implantation, formation of SiC, Si_3N_4 and SiO_2, i.r. absorp. obs. 2—26173
Si, ion implantation damage, stress measurements 2—25379
Si, ion implantation defect energy levels detn. 2—25865
Si, ion implanted, paramag. defect inventory, e.p.r. obs. 2—26264
Si, ion implanted, struct. differences in light and heavy ion disorder 2—25378
Si, irradiation damage in the transmission elec. microscope 2—6477
Si, lattice disorder due to ion-bombardment, amorphous layers depth meas. 2—39675
Si, refl. coeff. changes, disordered region form 2—22727
Si, single crystal film, dimpling, ion produced lattice damage 2—25368
Si thin crystal, irrad. damage and annealing 2—22180

Ion beams continued
effects continued
SiC:In, implanted, backscatt. analysis, disorder and p-type cond. 2—25827
SiC, photoluminesc. of radiation defects 2—33309
SiO$_2$-Si interface, surface states induced by ion implantation of N$^+$, K$^+$ and Si$^+$ ions 2—25881
SiO$_2$ ion implanted film, chemical and elec. props. rel. to semicond. device technology 2—25210
SrF, He$^+$ ion, channelling, radiation damage 2—3754
Ti and alloys, nitriding, skin microstructure and corrosion resistance 2—12928
W, inert gas ions, atom displacement energy, surface damage 2—29010
W, irrad., defect struct., field ion microscope obs. 2—9528
W, radiation damage by low energy Ar ions, field ion microscopy investigation 2—39676
WO$_3$, amorphization, bombardment induced, by Ar, As, B, Ne, P, Sb, Si, Kr ions 2—1242
ZnSe, irrad., wurtzite-zincblende transform. 2—9529

Ion counters *see Counters*

Ion emission
transparent dielectric, by laser irrad. below damage threshold 2—29860
Fe, work function changes in α-γ transform. region 2—1587
Mo, surface chem. comp. and film form. obs. 2—9250
W surface, intermittent enhancement using field-ion microscope 2—13362

secondary
lattice thermal vibrations, space and energy distribution 2—36644
metal, Ar bombardment, mass spectra 2—4330
metallic target, thin, negative ion emission 2—10164
single crystal, space and energy distribution 2—36643
single crystals, low energy scattering cross sections 2—34364
surface semichannels, glancing angles of incidence 2—36645
Cu, 10keV Ar$^+$, energy spectra of sputtered products 2—36651
Fe-C alloy, Ar ion bombardment, mass spectra 2—4329
Ge, ion irrad., directional effects 2—25986
Ge, on Ar bombardment directional effects in scattering 2—36647
Li target, of mol. Li$_n$$^+$, relative intensities 2—33100
Si, ion irrad., directional effects 2—25986
SiO$_2$ thin film, impurity depth profile determ. 2—16333
V, Ar bombardment, mass spectra 2—4330
W targets, Na$^+$ scattering at different incidence angles 2—36652

thermionic
Cs halides, binary mixtures on Nb wire 2—22655
Ta, temp. depend., effect of adsorbed Li atoms 2—19798
W, temp. depend., effect of adsorbed Li atoms 2—19798

Ion exchange *see Exchanges, chemical; Ions, electrolytic*

Ion implantation
amorphous solid, lateral spread of implanted ions, analysis 2—19082
application to magnetic and optical materials 2—25417
avalanche multiplication device fabrication 2—25882
cetyl alcohol, proton injection 2—25847
diamond, of B and P, p-n junction form. 2—36045
doping, application to fabrication of new devices 2—3793
duoplasmatron ion source applic. 2—23553
facility and applics. 2—39709
film, and struct. analysis, by backscatt. of MeV particles 2—39708
films, metal and dielec., doping effects, cond., struct., comp. 2—29189
goniometer for channeling exprts. 2—25283
heavy nuclei (A>150) implanted in nonmagnetics, hyperfine interactions 2—7020
implanter design, review 2—32545
injection techniques, state-of-the-art 2—32547
injector design, for semicond. technology, review 2—32546
ion implanted junction device technology, recent advances 2—25875
isocytosine, proton injection 2—25847
j.f.e.t. fabrication 2—25899
method and application to semiconductor technique 2—1256
microwave transistor fabrication 2—25900
m.o.s, technology, application 2—25878
pentaerythritol, proton injection 2—25847
proton injection in H-bonded organic crystals 2—25847
range distrib. theory based on energy distrib. of implanted ions 2—25707
semiconductor, conf., Garmisch-Partenkirchen, Germany, May 1971 2—25416
semiconductor, spatial distrib. of energy deposited by energetic heavy ions 2—15773
semiconductor device applications, anomalous ion penetration 2—25419
semiconductor device applications, techniques, processes, equipment 2—25418
semiconductors, channelling effect meas. 2—36044
semiconductors, ion retention saturation effects, influence of sputtering 2—25420
semiconductors 2—9583
source requirements 2—7889
tetrolic acid, proton injection 2—25847
theory and applications 2—12782
transition metal oxides, formation of non- stoichiometric compounds 2—6394
B layers in Si, sheet resistivity meas. 2—10075
Cd$^+$, Te$^+$ implanted single crystal GaAs electrical activity, effect of implanting into substrate heated to 180°C 2—25804
CdS, of N$_2$, diode form. 2—15774
n-CdS, of N ions, p-layer formation 2—25422
CdS, piezoelectric, monolithic acoustic surface wave amplifier formation 2—29190
CdTe, Bi implantation, damage and annealing obs. 2—36049
CdTe, conductivity inversion obs., P$^+$ and As$^+$ into n-type, B$^+$, In$^+$, Cl$^+$, F$^+$ into p-type 2—36047
CdTe, lattice disorder on Bi and Tl ion implantation, annealing obs. 2—36048
Cu, rare earth implanted nuclei in Cu, time dependent ang. correlations meas. 2—7021
Fe:^{103}Rh, transient field study 2—7025
Fe, ^{125}Te ion implantation perturbed angular correlation study of 443 and 463 keV levels 2—5663
Fe, of Xe, lattice location of implants 2—9907
n- GaAs, As and Cd implantation, carrier conc., diode prep. 2—6838
n-GaAs, compensation by proton bombardment 2—25820

Ion implantation continued
in GaAs, flux dependence of implantation damage, using ^{85}Kr channelling, Rutherford backscattering methods 2—25369
GaAs, of Al$^+$, Ga$_{1-x}$Al$_x$As production, electroluminescent emission spectrum obs. 2—9585
n-GaAs, of arsenic, effects on elec. props. 2—25846
GaAs, of Be and Mg, p-type layer production 2—22220
GaAs, of Zn 1 MeV 2—25423
GaAs, piezoelectric, monolithic acoustic surface wave amplifier formation 2—29190
GaAs, retention and build up of heavy implanted Bi ions 2—25424
GaAs$_{0.6}$P$_{0.4}$ p-n junction form. and annealing effect on characts. 2—25887
in GaP, disorder, annealing induced by, study using Rutherford backscattering, channelling techniques with 1 MeV He ions 2—25421
GaP, of Bi, hot-implant behaviour 2—25432
Ge:O, ion implanted, absorpt. spectra before and after ion beam irrad. 2—22766
Ge, B implanted p$^+$ contacts, γ-detector fabrication 2—25883
NaCl, of P, Kr, Xe, range distribs., diffusion processes, sectioning technique 2—9594
Ni alloys, low energy He$^+$ ions, in Ni alloys, surface struct. effects 2—3498
Si:B, by BF$_2$ molecule implantation 2—25429
Si:B ion implanted, post implantation of Si ions, enhanced annealing effects 2—25428
p-Si:N, at cryogenic temps. 2—25430
Si:P, As, additional ion bombardment effects 2—25434
Si:P, channelling profiles, 30-600 keV, $\langle 100 \rangle$, $\langle 111 \rangle$, and $\langle 110 \rangle$ directions 2—19111
Si, amorphous layer form. 2—25425
Si, dopants, rapid electrical profile meas., using ion beam etching 2—19116
Si, electrical properties 2—22221
Si, P ion implanted, profiles, calc. 2—25426
Si n-p-n transistor fabrication 2—29729
Si p-n junction nuclear particle detector fabrication 2—25896
Si p-n photodiode fabrication 2—25968
Si single crystal, enhanced diffusion of ion implanted Sb 2—29191
α-SiC, p-n junction, electron emission 2—40299
SiO$_2$ of Au, trapping efficiency at low energy 2—12783
SiO$_2$ substrate by Au, preferential Ag film deposition 2—12784
ZnO, piezoelectric, monolithic acoustic surface wave amplifier formation 2—29190
ZnS thin fiml, rare earth doping 2—19119

Ion microscopes
see also Field ion microscopy
adsorption structure of CO, N$_2$, O$_2$ and H$_2$ on tungsten obs. 2—6375
autoionic points, method for shape det. 2—19018
field ion microscopy, surface processes 2—6301
field-, combined with quadrupole mass analyzer and energy analyzer 2—39624
microprobes for investigation of solid substances, state of development 2—30107
resolution, effect of temp., tip curvature, and imaging gas 2—28995
scanning, with immersion lens, design 2—7890

Ion mobility *see Ion velocity*

Ion optics
see also Alpha-particle spectrometers; Ion microscopes; Mass Spectrometers; Particle optics.
beam profile measurement, using X-ray spectrometer 2—14395
beam profile scanner, wide aperture, high gain, design and circuit 2—31001
beam profile scanner, wide aperture, high gain, design and circuit 2—23538
beam widths and intensity distributions for ion sources with distributed ionization region doe to collimating type optical system 2—31016
electrostatic hexapole lens, third order transfer matrices for fringing fields 2—34365
focal plane slope of homogeneous magnetic sector 2—23555
image aberrations of double-focussing mass spectrometers, influence of fringing fields 2—567
mass spectrometer, ion beams, geometrical aberrations, calc. 2—18270
selectivity of magnetic sector fields with optimized current transmission 2—2908
stigmatic deflecting magnets design using diagrams in extended fingering field approx. 2—21037
stigmatic focussing with homogeneous magnetic sector fields 2—252
stigmatic image demagnification by three element quadrupole lens system 2—31017
tandem ion analyzer of large radius 2—38777
trajectories in inhomogeneous magnetic sector field, third order calc. 2 -253
Ar$^+$ beam, det. of Zeeman effect in optical spectra 2—34357
O$^+$ beam, det. of Zeeman effect in optical spectra 2—34357

Ion pumps *see Vacuum pumps*

Ion sources
see also Ion emission/thermionic
arc discharge, liquid N$_2$ cooled boat for containing 2—14856
beam plasma type for high current operation 2—7891
beam widths and intensity distributions for ion sources with distributed ionization region doe to collimating type optical system 2—31016
cold cathode Penning source, low energy isotope separation of high charge states 2—34334
cold cathode Penning type, power supply 2—34338
connection joint in heated vapour duct 2—27438
containment sources, review 2—34344
cryo pumped ion-bombardment ion source for mass spectrometric trace analysis of solids 2—10655
design and assembly technology review 2—7887
diagnostics in ionization chamber 2—7888
diode, H.V.E.C., for injection of negative ions into tandem Van de Graaff accelerator 2—8252
direct extraction negative, for tandem accelerator 2—8253
discharge chamber, geometry optimization 2—11446
duoPIGatron, multi-ampere, design and operation 2—7886
duoPIGatron, multiampere, construction and operation 2—27440
duoplasmatron, d.c., factors affecting emittance 2—7883
duoplasmatron, direct extraction of negative heavy ions, beam intensities 2—27437
duoplasmatron, extraction of ion beam and emittance meas. 2—37932
duoplasmatron, for implantation applic. 2—23553

Ion sources continued
duoplasmatron, gas efficiency, model of arc 2—7877
Duoplasmatron, high containment device for medium charge states 2—34332
duoplasmatron, intense beams with extraction energies >10 keV 2—7880
duoplasmatron, negative, direct extraction, parametric obs. of operation, optimization of parameters 2—7896
duoplasmatron, use with spike cathode 2—7876
Electron Beam Ion Source and possibilities of improvement 2—34340
electron bombardment, mechanism and efficiency of ion generation process 2—7879
electron bombardment type simplified source for high temp. operation 2—34343
electron cyclotron resonance stripped, high intensity 2—34350
electrostatic charged particle oscillator 2—21034
field ion emitters in mass spectrometers, optimum parameters 2—31635
field ionization and evaporation, applications, beam formation and scanning system 2—7890
Fox, coupled with Knudsen cell for studying ionization of high-temp. metal vapours 2—28201
gas discharge, brightness and emittance, and extraction 2—7875
heavy, batch, continuous and selective extraction sources, confinement times and ionization volume calculations 2—34346
heavy, single and multiple impact charge distribution, theoretical calc. 2—34345
heavy atom, batch, continuous and selective extraction types, ionization volume and confinement time calcs. 2—34355
heavy ions, 100 keV, ion implantation studies 2—27925
h.f., photometric study of cross-over image with rare gases 2—34847
h.f. positive, mag. field effect on luminance of 'cross-over' image 2—27436
h.f. shielded discharge type, energy scatter of exit ions 2—31014
high current, large area, for controlled fusion expts. 2—7882
high vacuum, review 2—5336
highly stripped heavy ions production in hot electron plasmas 2—34349
hollow cathode glow discharge application to ion guns 2—37899
internal Penning source, for heavy ions 2—34861
Lamb shift, polarized, review 2—7894
Lamb shift polarized, beneficial effect of air leak 2—7878
Lamb shift polarized, negative for tandem Van de Graaff accelerator 2—8246
Lamb shift polarized, with spin filter 2—7897
laser produced plasmas as sources of multiply charged ions for heavy ion accelerators 2—34347
low pressure electrostatic, suitable for sputter-ion etching 2—37933
for mass spectrometer, chemical ionization 2—2914
mass spectrometer, for high temp. research 2—18272
for mass spectrometer, time-of-flight advantages 2—38793
for mass spectrometer, time-of-flight advantages 2—24304
multi-aperture, for 1 kV injection into controlled fusion expt. 2—7884
multi-charged heavy ion sources, inhomogeneous mag. field patterns 2—34342
multicharged ions, production by electron-atom collision, review 2—34331
multiple aperture extractor design for producing intense beams 2—7885
multiple aperture extractor design for producing intense beams 2—34354
multiply charged, C, N and O, variable energy cyclotron 2—34859
multiply charged, microwave heated plasma source 2—34348
multiply charged, using hyperbolic potential field 2—34341
multiply charged heavy ion sources, conference (Gatlinburg, Tenn., USA, 1971) 2—34330
multiply charged ions, production using electron beam-plasma interactions 2—34343
multiply charged Ne, Ar, Kr, and Xe ions, by hot cathode source 2—34860
negative, application to various elements 2—34352
negative for tandem accelerator 2—8254
negatively charged heavy ion beam production using less abundant isotopes 2—34353
optimal operating modes, injector for linac 2—18053
Penning, ion origin rel. to mag. field shape, Monte Carlo calc. 2—6113
Penning, performance in Oak Ridge Isochronous Cyclotron 2—34339
Penning, production of negatively charged atomic and molecular ions 2—7895
Penning discharge, multiply charged ion production 2—34333
Penning type, detection of electron cyclotron resonance 2—34336
Penning type, for multiply charged ions 2—34337
performance and properties, diversities in requirements 2—7874
plasma dynamics, rel. between space charge and spatial potentials, conditions for instability 2—8912
plasmatron ion source for electromagnetic isotope separator 2—740
polarized, atomic beam scattering 2—27930
polarized, comparison of conventional and Lamb shift types 2—34363
polarized, for high voltage terminal of Van de Graaff accelerator 2—8250
polarized, gadget demonstrating principles involved 2—7892
polarized, ground state atomic beam, for tandem Van de Graaff 2—8249
polarized, ground state atomic beam, review 2—7893
production of heavy highly charged ions, new techniques 2—5625
proton, Lamb shift polarized for Los Angeles Meson Physics Facility design 2—8261
proton synchrotron, duoplasmatron, high gradient column 2—8257
protons, h.f. for van de Graaff accelerator 2—38409
pulsed, producing pulses of nanosecond length for accelerator 2—18031
pulsed heavy ion source for Bevatron 2—34351
radioisotopes, solid, for mass spectrometry 2—11930
requirements for ion implantation 2—7889
r.f., operational characteristics of H ion source 2—17566
spectrometer 2—18273
state of development, review 2—27439
synchrotron injector at Erevan, reducing energy spread 2—34852
theory, technology and applications, conference, New York (1971) 2—7873
for zero gradient synchrotron, program review 2—8255
B, Harwell-Lintott industrial ion implantation machine, evaluation by making Si planar resistors 2—37935
Ba^+, surface ionization type for collision expts. 2—34356
Cs, with large perveance and high degree of collimation 2—23552
H- for linear accelerator 2—8251
H^+, duoplasmatron feeding of 750 keV exact Pierce column 2—8245
He-, with expanded plasma, influence of extraction geometry 2—7898
Kr multicharged, magnetron with axial extraction 2—11445
N, Penning type, ion source, emittance measurements 2—34335

Ion sources continued
$^{58}Ni^{6+}$ and metal ions, for Harwell variable energy cyclotron 2—34778
ReO_3^-, ReO_4^-, using thermionic emission and hot cathode arc discharges 2—23551
TiH_4 film injector by plasma cluster creation using induced discharge 2—21035
U^{11+} UNILAC ion source and injection system 2—34842
WO_3^-, $(WO_3)_2^-$, $(WO_3)_3^-$ using thermionic emission and hot cathode arc discharges 2—23551
Xe multicharged, magnetron with axial extraction 2—11445

Ion velocity
Bayard-Alpert gauges, use in ion vel. spectrometry 2—41395
dielectric liquid motion under electrostatic stress, laser-Doppler method 2—3339
drift velocities, in gaseous mixtures at arbitrary field strengths 2—12455
gas, motion in nonuniform alternating elec. field 2—12456
glasses, cation mobility determ. by direct meas. of drift velocities 2—1268
mass separator using E×B filter 2—35113
mobilities of polyatomic inorganic ions in He 2—32117
mobilities of polyatomic ion in gases, core model 2—18699
mobility, electron collisions with gas molecules 2—24834
mobility, swarm studies, negative ions, review 2—21872
mobility in parent gas over wide range of E/N values, Langevin theory 2—24835
plasma focus producing neutrons 2—12393
propanes, methyl substituted, radiolysis, mol. structure effects on free ion yields and reaction kinetics, electron and ion mobilities 2—22886
total distribution function measurement in magnetic field 2—31015
Ar, liquid, radiolysis, mol. structure effects on free ion yields and reaction kinetics, electron and ion mobilities 2—22886
Ar^+, mobility, and product ions following charge transfer processes with N_2, O_2, CO and NO 2—24838
Cs^+ mobility in Cs vapour-Kr mixtures, obs. by time of flight thermionic detection method 2—24836
D_3^+ in deuterium and hydrogen-deuterium mixtures, arrival time distributions in high-pressure mass spectroscopy 2—1003
$(H,D)_3^+$ in hydrogen-deuterium mixtures, arrival time distributions in high-pressure mass spectroscopy 2—1003
H_3^+ in hydrogen and hydrogen-deuterium mixtures, arrival time distributions in high-pressure mass spectroscopy 2—1003
$^2H^+$ mobility in He gas, obs. by four gauze electrical shutter method 2—24837
He II, drift velocity and persistence currents, theoret. investigation 2—12603
He II, roton-limited mobility of ions 2—6271
^4He, ion mobilities near superfluid transition and melting line 2—18866
K ion velocity in He, Ne, Ar, H, N gases pressure dependence obs. 2—3253
K^+, in Ar, intermediate and strong elec. field mobility data, derivation of ion-atom potentials 2—2966
$LiNO_3$-$AgNO_3$ molten salt mixtures, ion migration 2—28892
$NaNO_3$-$AgNO_3$ molten salt mixtures, ion migration 2—28892
O, in air, determ. using proportional counter 2—12457

electrolytic
see also Conductivity, electrical/liquids, electrolytic; Electrophoresis
ion carrier accelerometer calcs. 2—33382

Ionic conduction, solids
alkali halide, transport parameters, enthalpy, entropy 2—29745
alkali halide, transport parameters, entropy, enthalpy 2—33051
β-alumina, $MAl_{11}O_{17}$, transport meas. rel. to solid electrolyte suitability 2—10632
anodic oxide films, review 2—19745
anodic oxide films, theory 2—40331
dielectric surface, ionic thermally stimulated cond. of water vapour 2—29744
epoxypolyamide varnish film, effect of Fe_2O_3 pigmentation on type of conduction 2—1564
glass, temp. depend. 2—40333
glasses, cation mobility determ. by direct meas. of drift velocities 2—1268
Langmuir film, monomolecular layer 2—4273
m.o.s. structs., ionic transport, dielec. relax. 2—22600
Mylar, ionic thermocurrent 2—4270
pentaerythritol alkyd varnish film, effect of Fe_2O_3 pigmentation on type of conduction 2—1564
phenolformaldehyde tung oil varnish film, effect of Fe_2O_3 pigmentation on type of conduction 2—1564
polarization measurement, method for partial electronic-ionic cond. determ. 2—16271
poly(ethylene terephthalate), d.c. cond. at elevated temps. 2—22613
semiconductor surface, ionic thermally stimulated cond. of water vapour 2—29744
soda lime glass, electrode polarization effects 2—22611
superionic conductor, transport model 2—25917
transference numbers determ., gaseous electrodes 2—4275
$AgAl_{11}O_{17}$, sodium β-alumina isomorph., stoichiometry and defect struct. rel. to cation mobility 2—18965
AgCl:Cu, temp. and Cu conc. effects 2—36583
AgCl, electrolytic migration of Mn^{2+} ions, temp. depend. 2—29213
AgI-Ag_2SO_4, obs. 2—39997
AgI-polymethonium cpds., solid electrolytes 2—22614
α-Ag_2S, temp. range 200-440°C, self diffusion coeffs. derived 2—16272
β-Al_2O_3, electrodepolarization effects 2—22611
Al_2O_3, in Al-Al_2O_3-Au film sandwiches 2—36584
Al_2O_3, single crystal, pure and doped, interpretation of experimental data 2—1562
β-$11Al_2O_3.Na_2O$, ceramic, impurity doped 2—19753
BeO, transport number exam., rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2—4274
CaO, transport number exam., rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2—4274
$Ca_3(VO_4)_2$, oxygen transport rel. to charge storage 2—25918
Cs halide, rel. to Maxwell Boltzmann distrib. of defect pairs 2—36015
CsCl, and inert gas diffusion, phase transform. effects 2—15788
GeO_2, vitreous, freq. and temp. depend. 2—25919
KAg_4I_5, cationically disordered compound 2—36585
KAg_4I_5 electrolyte, mobility of Ag^+ ions 2—25947
KCl, defect interactions influence 2—1247
Kcl, and self diffusion, vacancy defect study 2—19140
MgO, rel. to oxygen press., 500 to 1800 K 2—1563

- **Ionic conduction, solids** continued
  - MgO, transport number exam., rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2—4274
  - MgSe, formed in CuSe-Mg diode, determ. conductivity at room temperature 2—16249
  - MoO_3, temp. depend., O_2 self diffusion coeff. 2—19148
  - NH_4Cl, doped with cationic impurities 2—36586
  - NH_4NO_3, cation diffusion study by proton spin relaxation 2—25465
  - NaCl, and self diffusion, vacancy defect study 2—19140
  - NaCl, electrode polarization effects 2—22611
  - NaCl, transport parameters, enthalpy, entropy 2—29745
  - $NaI:Cd^{2+}$, cation self-diffusion contrib. 2—9625
  - NaI, cation self-diffusion contrib. 2—9626
  - Nb_2O_5, temp. depend., O_2 self diffusion coeff. 2—19148
  - $PbCl_2$, rel. to self diffusion of Cl 2—36082
  - PbO:Bi, rel. to doping and O partial pressure, 773-1073K 2—22612
  - $Pb(Zr_{1-x}Ti_x)O_3:Nb_2O_5$, rel. to oxygen activity 2—4275
  - Pt square planar complex, conduction mechanisms 2—36523
  - SiO_2 layer in m.o.s. system, relaxation polarization, surface potential stability 2—4269
  - SrO, transport number exam., rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2—4274
  - Ta_2O_5, temp. depend., O_2 self diffusion coeff. 2—19148
  - TiO_2, temp. depend., O_2 self diffusion coeff. 2—19148
  - TlI-TlBr, KRS-5 ionic crystal, and electrolysis 2—13303
  - TlO_2-base solid electrolytes, proton cond. 2—40819
  - ZrO_2, CaO stabilized, lower P_{o2} limit, temp. range 1000-1400C 2—33053
- **Ionization**
  - *see also Dissociation; Electrons/ionization; Photoionization*
  - alkali metals in $CO/O_2/N_2$ and H_2O_2 flames, model for cross sections based on Chew-Low approx. 2—15497
  - aniline-nitrobenzene mixtures, structure of complex molecules formed by field ionization 2—15351
  - atomic autoionizing states, coincidence obs. 2—38819
  - atoms, by electron and proton impact, cross section calc. 2—5794
  - atoms, by electron impact, cross section calc. in classical binary approx. 2—5810
  - atoms, by heavy charged particles, combined classical and Born approx. 2—11967
  - atoms, configuration mixing in two electron systems, determ. line width for autoionizing states 2—12040
  - atoms, double-ionization effects on radiative rates, Auger rates and fluorescence yields calc. by Gryzinski methods 2—31682
  - atoms, electron detachment in slow collisions, adiabatic approx. 2—11970
  - atoms, inner-shell ionization, atomic vacancy distributions 2—24352
  - atoms, inner-shell ionization by α particles and deuterons, projectile z dependence of K X-ray emission 2—31676
  - atoms, thresholds and cross sections with low energy inert gas ions 2—11968
  - atoms and ions, $K(2)L(8)3s^23p^63d^\alpha4s^\beta4p^\gamma$ or $1s^22s^m2p^n$ configurations, general formulas for valence orbital ionization potential evaluation 2—11964
  - autoionization in β-decay, K shell, model calculation 2—34984
  - autoionization states roots, intersection in multiconfiguration energy bound procedure 2—11941
  - autoionizing resonances, 1/Z expansion studies for two electron resonances 2—11971
  - bubble chamber pictures, device for obs. 2—27911
  - cathode spot of arc discharge 2—9012
  - coefficient det., nonlinear initial-boundary value problem 2—24830
  - collisional, threshold behaviour, time of flight technique 2—643
  - in combustion reactions, flame chemistry 2—22873
  - electron attachment, cross section model 2—24839
  - electron impact ionization cross sections, analytic integrals 2—31696
  - electron removal, wave function determ. 2—18323
  - electron-impact induced autoionization of outer S electrons 2—18330
  - ethane, ab initio MO studies of ground states, support $^2A_{1g}$ assignment 2—21683
  - flame reaction zone, effect of h.f. electric fields 2—26343
  - Franck-Hertz experiment, method of displaying electron ion current against accelerating potential 2—14384
  - gas track detectors, increase, modification of Sternheimer formula for energy loss of particles 2—21334
  - Gum Nebula by energetic particles from Vela X supernova 2—20507
  - heavy atom collisions, scaling analysis of expt. stripping cross sections 2—11969
  - helium-like ions metastable and unexcited, Z from 4 to 8, determ. cross section for electron loss and capture 2—12043
  - hot molecules, resonance dissociative attachment 2—24428
  - hydrocarbons, residual, laser produced ioniz. 2—28386
  - hydrogen like ions, excitation and ionization cross sects. by electron and proton impact 2—15244
  - inert gas atoms, autoionizing levels observed in ionization curves for electron energies 18-65 eV 2—11942
  - inert gas atoms, Penning ionization electron spectroscopy 2—11980
  - ion-atom collisions, generalized oscillator strengths and ioniz. cross sections 2—8474
  - ions, positive, by electron and proton impact, cross section calc. 2—5794
  - jet, discharge, controlled, displacement of ionization equilibrium 2—15505
  - Koopmans' theorem analogues in open shell Hartree Fock theory, orbital energies 2—21478
  - losses effect on cosmic ray spectra in range of nonrelativistic energies 2—17988
  - via metastable species, excited state studies 2—21863
  - methane, ejection of secondary electrons in collisions with 200-500 keV protons 2—12057
  - methane, formation of energetic protons by electron impact 2—3154
  - methyl bromide molecules excited above first ionization potential, direct and pre-ionization, isotope effects on yields 2—759
  - molecular beam, method 2—12096
  - molecule, dissociative recombination, lower vibrational state and ground vibrational state models 2—12068
  - molecules, diatomic, autoionizing states, mol. consts., photoelectron spectroscopy 2—8565
  - molecules, dissociative attachment of electrons, theory 2—12067
  - molecules, Penning ionization electron spectroscopy 2—11980
  - of molecules excited above first ionization potential, direct and pre-ionization, isotope effects on yields 2—759
  - multielectron atoms, by electron impact determ. differential and total cross sections 2—28216
- **Ionization** continued
  - multiphoton, local laser-beam intensity fluctuations 2—35148
  - multiphoton ionization of atoms due to strength and coherency of e.m. radiation 2—35150
  - Penning, of impurities, contribution to growth of prebreakdown ionization of He 2—24831
  - Penning ionization electron spectroscopy 2—35222
  - Penning ionization electron spectroscopy of ionizing collisions of inert gases, Hg, NO, C_2H_4, C_3H_6, C_6H_6 2—18337
  - plasma, det. of electron temp. from rate obs. 2—32036
  - plasma, travelling disturbances in strong e.m. field 2—21832
  - polyatomic molecules, slow electron attachment, compound state model 2—12066
  - positive ions, by electron impact, calc. using binary approx. 2—5809
  - positive ions with configurations $1s^22s^22p^q$, electron impact ionization 2—21532
  - precursor fronts ahead of expanding laser plasma 2—12379
  - primary and secondary coefficients and drift velocities, field distortion effects 2—24890
  - proton impact ionization of atoms, classical model 2—24381
  - quasinormal thermal plasmas, radiation and collision processes 2—28524
  - stepwise, discharge plasmas, electron ionization cross section of excited H 2—35597
  - stepwise excitation cross sections of alkali metals by electron impact 2—35600
  - stepwise ionization cross sections and direct electron impact of alkali metals in arc discharges 2—35599
  - Townsend multiplication, ball lightning phenomena 2—26505
  - Z=26-92 elements, K-shell ionization cross sections meas. using 160 MeV protons 2—28217
  - Ag, electron bombardment, inner shell ionization cross- sections 2—18326
  - Ag atom, multiple ioniz. by electron impact 2—11972
  - Al, electron impact L-shell ionization calc., occurrence of delayed maxima 2—8467
  - Al^{3+} ion spectrum of laser-produced plasma, autoionizing series 2—18298
  - Ar^+-Ar collision, correlation between no. of slow electrons ejected and energy of fast coincident electron 2—35130
  - Ar, by collisions with $Ne(^3P_{2,0})$, velocity dependence of cross section 2—11966
  - Ar, by ejection of outer shell s electron following electron impact, cross section for electrons up to 20 keV 2—5821
  - Ar, by He^+ in range 250-4000 eV, cross sect. meas. 2—11975
  - Ar, by impact of metastable Ne atoms, velocity dependence of total cross section 2—8462
  - Ar, electron impact L-shell ionization calc., occurrence of delayed maxima 2—8467
  - Ar, in collisions with $Ne(^3P_{2,0})$, Penning and associative ionization, two state classical model 2—11974
  - Ar atom, multiconfiguration close coupling code calculation of autoionizing series 2—15212
  - Ar atom, profiles of autoionization states studied in random phase approximation with exchange 2—11946
  - Ar plasma, shock produced, ioniz. relax. onset 2—24768
  - Ar plasma, shock produced 2—18606
  - Ar^*-Hg collisions, Penning ionization electron energy spectra 2—12055
  - $Ar_m^*+C_2H_2 \rightarrow ArC_2H_2^++e$, pulsed mass spectrometric study of associative ionization, cross section for excitation into triplet states of Ar meas. 2—15237
  - Au, 100 to 400 keV electrons, differential energy and angular cross sections calc. 2—18334
  - Au, electron bombardment, inner shell ionization cross-sections 2—18326
  - B, electron impact, cross section calc. for ground state config. 2—2953
  - Ba, electron impact, cross section meas. from threshold to 200 eV 2—5819
  - Ba atom, inelastic collisions with slow electrons, investigation using crossed beam technique 2—5818
  - Ba^+, by electron impact, autoionization structure 2—2954
  - Be, K-shell ionization by proton and heavy ion impact 2—11996
  - ^{210}Bi, β decays, K-shell auto-ionization probability 2—18165
  - Br^-, collisional, detachment cross sections in energy range 300 to 3000 eV 2—5836
  - Br_2, effect of hot bands on threshold 2—12154
  - C, 100 to 400 keV electrons, differential energy and angular cross sections calc. 2—18334
  - C II, electron impact, cross section calc. for ground state config. 2—2953
  - C_2^-, two photon photodetachment of electrons, confirmation of $^2\Sigma_g^+$ ground state 2—24444
  - CH+O, collisional formation of CHO^+ by associative ionization, theoret. study 2—872
  - CO, by electron impact at 10 keV 2—12170
  - CO, photoelectron spectra, study of autoionization, vibrational structure 2—8674
  - CO_2, dissociation by 30, 50, 100 eV electron impact temperature dependence of total ionization cross section in 300-2100 K range 2—3037
  - CO_2CH_4 system, ion-molecule reactions studied at 0.1-0.4 torr in mass spectrometer, determ. rate constants 2—15421
  - Ca, electron impact, cross section meas. from threshold to 200eV 2—5819
  - Ca, in high temp. flame 2—22897
  - Ca, Na, in interstellar clouds, ionization equilibria as a function of position 2—33687
  - Ca atom, inelastic collisions with slow electrons, investigation using crossed beam technique 2—5818
  - Cl^-, collisional, detachment cross sections in energy range 300 to 3000 eV 2—5836
  - Cl_2 effect of hot bands on threshold 2—12154
  - Cs, resonant multiphoton ioniz. in laser light 2—38824
  - Cs associative ionization, effective cross- section, $8^2P_{1/2}$ state 2—35154
  - Cs atom, effective cross section for associative ionization from the $8^2P_{1/2}$ state 2—28220
  - Cs atomic beam, multiphotonionization by Q-switched Nd-glass laser at 1.06 μm, role of molecular Cs component 2—12019
  - Cs atoms, multiphoton ionization at 1.06 and 0.53 microns 2—35153
  - Cu, 100 to 400 keV electrons, differential energy and angular cross sections calc. 2—18334
  - Cu, electron bombardment, inner shell ionization cross-sections 2—18326
  - Cu, electron impact L-shell ionization calc., occurrence of delayed maxima 2—8467
  - D_2 energy spectrum of electrons released in collisions with Na, K, Rb, Cs, isotopic effect 2—12307
  - D_2S, dissociative attachment, formation of DS- 2—24458

Ionization continued
D_2S, dissociative electron attachment, cross section for DS^- fŏrmation 2—12137
^{169}Er, β decays, K-shell auto- ionization probability 2—18165
F_2, effect of hot bands on threshold 2—12154
Fe, in collisions with 30 MeV O^{5+}, multiple inner shell ionization, K_α spectrum 2—665
H, by collisions with H atoms, applic. of semiquantal theory 2—21542
H, by electron impact, Glauber calc. of double differential cross sections 2—31714
H. by electron impact., free-fall model calc. 2—18350
H. in collisions with H, semiquantal treatment 2—21545
H. metastable, cross sections for electron loss in collisions with Ar, H_2, N_2 and O_2 in energy range 2 to 50 keV 2—28231
H^-, ^1S, ^3P and ^1D autodetaching states produced in collisions with neutral atomic or molecular targets 2—12023
H^-, photodetachment by Q-switched Nd laser, production of pulsed H° beam 2—12034
H_2, ang. distrib. of electrons ejected by incident protons of up to 1.5 MeV energy 2—12056
H_2, by collision with Na^+ at 5 to 42keV 2—883
H_2, cross section, stopping power partition and mean energy loss for energetic protons 2—35582
H_2, direct and dissociative ioniz. 2—24457
H_2, energy spectrum of electrons released in collisions with Na, K, Rb, Cs, isotopic effect 2—12307
H_2 molecular autoionization in H_2^+-H_2 electron capture collisions 2—38915
H_2 molecule, autoionization rates for $\Delta_{\upsilon}=1$ vibrational transitions calc. by internal conversion theory 2—12139
HBr, by $He(2^3S_1)$ Penning ionization, vibrational and rotational excitataion 2—21716
HCl, by $He(2^3S_1)$ Penning ionization, vibrational and rotational excitation 2—21716
HD molecule. ionization energies of Rydberg series, 700-1000 Å absorpt. spectrum 2—18435
HDS, dissociative attachment, formation of HS- and DS- 2—24458
HDS, dissociative electron attachment, cross section for HS^- and DS^- formation 2—12137
H_2S, dissociative attachment, formation of HS- 2—24458
H_2S, dissociative electron attachment, cross section for HS^- formation 2—12137
H(2s), by electron impact, cross section meas. in energy range 8.4 to 350 eV 2—5862
He, ^1P autoionization states in elastic scattering region 2—31731
He, 2^1S and 2^3S metastable states, Penning ionization cross sections 2—12044
He, 2^1S and 2^3S state, by electron impact, cross section calc. 2—5885
He, ang. distrib. of electrons ejected by incident protons of up to 2.0 MeV energy 2—12056
He, autoionization shape parameters, strong. quasiperiodic dependence on projectile energy in H^++He collisions 2—12025
He, autoionizing states, angular distribution of emitted electrons 2—12047
He, by electron impact, energy and angular distributions of secondary electrons 2—15249
He, by He^+ in range 250-4000eV, cross sect. meas. 2—11975
He, by proton and electron impact, cross section meas. 2—5861
He, cross sect. of electron ejection by 100-300 keV protons, calc. using binary encounter polarized orbital method 2—12059
He, double differential cross sections for ejection of electrons by 100 and 300 keV protons 2—12058
He, ejection of secondary electrons in collisions with 200-500 keV protons 2—12057
He, electron impact, ang. distribution of secondary electrons 2—5886
He, electron impact at 500eV. ang. distributions of secondary electrons 2—3002
He. He^+, collisions with Mg and Pb, cross sections for electron capture and loss 2—5890
He, optically pumped discharge, cumulative ionization source of polarized electrons 2—12049
He, Penning ionization effect on exptl. determination of ionization coefficients 2—2998
He, simultaneous ionization and excitation by 200 eV electrons to n=4 level of He^+ 2—28235
He atom, energy spectra of ejected electrons from autoionizing states excited by electron bombardment 2—15248
He atom by proton impact, determ. differential and total cross sections 2—28216
He atoms, autoionizing states excited by collision with 10-130 keV H_1^+, H_2^+, H_3^+, excitation function determ. 2—12046
He atoms, resonance ionization by fast electrons, calc. of autoionization states 2—12045
He like ions, by high energy photons, determ. of photoionization cross sections 2—24405
He multiphoton ionization, perturbation theory 2—35188
He multiphoton ionization of excited atoms, two-step processes 2—35187
He recombining plasma, formation of He_2^+ by associative ionization 2—24672
He^-, ^2S autionization state, calc. using resonance quasi-projection operators 2—31729
He^- ions, formed in collisions of metastable He atoms with He, Kr and N_2 2—12051
He^+ by electrons in merging beams 2—38822
He^*-Ar collisions, Penning ionization electron energy spectra 2—12055
$He^*+H_2\rightarrow HeH^++H+E$ chemiionization reaction studied using merged beam apparatus, 0.05-10 eV, relative cross section determ. 2—12054
$He^*(1s2s^3S)+H(1s^2S)$, Penning ionization, determ. cross sections and molecular autoionization lifetimes 2—18365
$He(2^3S)+He(2^3S)\rightarrow He(1'S)+He^++e$, binary collision kinetics, 6-120K 2—18367
$He(2S)+N_2\rightarrow He(1S)+N_2^++e$, Penning reactions for deexcitation of metastable He atoms, absolute cross section determ. 2—12053
I^-, collisional, detachment cross sections in energy range 300 to 3000 eV 2—5836
I_2, ICl, IBr, effect of hot bands on threshold 2—12154
I_2 vapour, obs. of low pressure spark under nonuniform field conditions 2—24909
In atom, multiple ioniz. by electron impact 2—11972
K-Br_2 collision, negative ion formation, mass analysis 2—681

Ionization continued
K, by 20-100 keV protons, electron prod. and ion formation cross sections 2—11979
K. by 20 to 100 keV protons 2—2949
K atoms, in collisions with H_2, N_2, O_2, CO, cross sections 2—31706
K atoms, multiphoton ionization at 1.06 microns 2—35153
K multiphoton ionization, role of multiphoton resonance 2—35158
K multiphoton ionization probability of atoms, experiments rel. to theory 2—35159
$K+Br_2$, chemi-ionization differential cross section 2—680
$K+Br_2\rightarrow K^++Br_2^-$, mechanism near threshold 2—7167
$K+Br_2\rightarrow K^++Br+Br^-$, differential cross section for chemi- ionization in inelastic collisions 2—28223
K+I, chemi-ionization cross section 2—684
$K+I_2\rightarrow K^++I+I^-$ differential cross section for chemi- ionization in inelastic collisions 2—28223
Kr, by collisions with $Ne(^3P_{2,0})$, velocity dependence of cross section 2—11966
Kr, by ejection of outer shell s electron following electron impact, cross section for electrons up to 20 keV 2—5821
Kr, cross sections following collisions with H^+, He^+ and Ne^+ at energies below 100 eV 2—24382
Kr, electron impact apparatus used to observe autoionizing and negative ion states below $^2P_{1/2}$ limits 2—28205
Kr, in collisions with $Ne(^3P_{2.0})$, Penning and associative ionization, two state classical model 2—11974
Kr by impact of metastable Ne atoms, velocity dependence of total cross section 2—8462
Li. by electron impact, abs. cross section meas. in 100eV to 2keV energy range 2—5798
Li, in high temp. flames 2—22897
Li^- multiconfiguration method calc. of low-lying autoionization states 2—11959
Li^+, by electron impact, total cross section meas. 2—5861
$Li+Br_2\rightarrow Li^++Br+Br^-$, differential cross section for chemi- ionization in inelastic collisions 2—28223
$Li^++He\rightarrow He^++Li$, oscillation of cross section of recharging 2—24833
Li+I, chemi-ionization cross section 2—684
Mg, electron impact, cross section meas. from threshold to 200eV 2—5819
Mg atom, inelastic collisions with slow electrons, investigation using crossed beam technique 2—5818
Mg atom, multiplet states and location of low lying autoionizing levels 2—11958
N, N^+ cross section for electron loss 2—32115
N III, electron impact, cross section calc. for ground state config. 2—2953
N^+ by electrons in merging beams 2—38822
N_2, by collision with Na^+ at 5 to 42 keV 2—883
N_2, by electron impact at 10 keV 2—12170
N_2, ejection of secondary electrons in collisions with 200-500 keV protons 2—12057
N_2, photoelectron spectra, study of autoionization, vibrational structure 2—8674
NH, Franck Condon factors for transition from ground to ionic state 2—18455
NO, Penning ionization to X^1E^+ state of NO^+, vibrational transition probabilities 2—21625
NO, photoelectron spectra, study of autoionization. vibrational structure 2—8674
N_2O, harmonic oscillator Franck Condon factors 2—15317
Na-O species, electron affinity, deduction from Hartree- Fock molec. orbital studies of neutral molecule and ions 2—37032
Na, by electron impact, abs. cross section meas. in 100eV to 2keV energy range 2—5798
Na, charge transfer cross-section measured for various ions, 1-500 eV 2—35162
Na, in high temp. flames 2—22897
Na, multiphoton ionization probability of atoms, experiments rel. to theory 2—35159
Na^- multiconfiguration method calc. of low-lying autoionization states 2—11959
Na+I, chemi-ionization cross section 2—684
Ne, $3P_0$ and $3P_2$ metastable states, Penning ionization cross sections 2—12044
Ne, by ejection of outer shell s electron following electron impact, cross section of electrons up to 20 keV 2—5821
Ne, by electron impact, total and differential cross section meas. 2—5861
Ne, electron impact L-shell ionization calc., occurrence of delayed maxima 2—8467
Ne atom, energy spectra of ejected electron from autoionization states excited by electron bombardment 2—15248
Ne atom, simultaneous ionization and excitation by electron collision, cross section for 3p states of Ne II meas. 2—5804
Ne high kinetic energy metastables, rearrangement ionization reactions with D_2 and HD 2—12013
Ne plasma arcs, l.v., mechanism 2—12372
Ne^*-Xe collisions, Penning ionization electron energy spectrum 2—12055
$Ne^*(2p^53s^3P)$+Ar, total cross sections calc. semiclassically in energy range 0.001-1000 eV 2—28212
O, absorption of electrons, rel. to atmospheric phenomena 2—8991
O, K shell ionization cross sections due to proton impact 2—24381
O,O^+ cross section for electron loss 2—32115
O IV, electron impact, cross section calc. for ground state config. 2—2953
O^+ by electrons in merging beams 2—38822
O_2, by collision with Na^+ at 5 to 42 keV 2—883
O_2, by $He(2^3S_1)$ Penning ionization, vibrational and rotational excitation 2—21716
O_2, dissociative ionization by 35 eV electron impact, energy spectrum of O^+ fragments meas. 2—3059
O_2, endothermic negative-ion charge transfer reactions, electron affinity meas. 2—8863
O_2, photoelectron spectra of some autoionizing resonance states 2—8692
O_2, slow electron attachment mechanism 2—12184
O_2 pressure dependence of electron attachment relaxation and steady state microwave conductivity method 2—15326
OF, $^2\Pi$ state, ab initio calc. of electron affinity 2—31818
PH_2-, cross section for photodetachment of electrons meas., determ. electron affinity of PH_2 2—15331
Pb autoionized emission lines 2—35140
Rb, Penning ionization in slow collisions with Ar 2—11982
SF_3, electron affinity 2—31826

Ionization continued
- SF_4, autodetachment lifetimes, attachment cross sections, and negative ion formation 2—31826
- SF_6, autodetachment lifetimes, attachment cross sections, and negative ion formation 2—31826
- Si, electron impact L-shell ionization calc., occurrence of delayed maxima 2—8467
- ^{151}Sm, β decays, K-shell auto-ionization probability 2—18165
- Sr, electron impact, cross section meas. from threshold to 200 eV 2—5819
- Sr, in high temp. flames 2—22897
- Sr atom, inelastic collisions with slow electrons, investigation using crossed beam technique 2—5818
- $U+O \to UO^+ + e$, $U+O_2 \to UO_2^+ + e$, collisional chemi-ionization processes, effective cross sections 2—33372
- Xe, by collisions with $Ne(^3P_{2,0})$, velocity dependence of cross section 2—11966
- Xe, by ejection of outer shell s electron following electron impact, cross section for electrons up to 20 kev 2—5821
- Xe, cross sections following collisions with H^+, He^+ and Ne^+ at energies below 100 eV 2—24382
- Xe, electron impact apparatus used to observe autoionizing and negative ion states below $^2P_{1/2}$ limits 2—28205
- Xe, in collisions with $Ne(^3P_{2,0})$, Penning and associative ionization, two state classical model 2—11974
- Xe by impact of metastable Ne atoms, velocity dependence of total cross section 2—8462

[illegible]
- *see also Charge exchange; Plasma*
- air, breakdown, ionizing radiation effects 2—18712
- air, cascade ionization by r.f. fields and laser beams, theoretical study 2—32112
- air, dry, current multiplication in nonuniform elec. field 2—8989
- air, electron attachment coefficient, height dependence 2—10740
- air-filled cavities, photocurrents and fields, model 2—18700
- background plasma creation by relativistic electron beam injection 2—15496
- dielectric liquid vapour, γ-irradiated, av. energy per ion pair 2—15498
- electron attachment rates, determ. from photographic and radar obs. 2—11014
- electron energy distribution function in weakly ionized gas 2—35591
- electron multiplication, single electron avalanche in stationary uniform electric field 2—35622
- electron swarms, ratio of diffusion coeff. to mobility 2—21869
- equivalent pressure concept, appraisal 2—35585
- in flames, rates and average lifetime meas. 2—5278
- flowmeter, multi-range, for air velocity and mass flow meas. 2—18736
- Gunn microwave oscillators, radiation effected 2—22596
- He, cascades for electrons of $E \leqslant 2.5$ KEV, calc. of mean energy of electron ion pair formation, Fano coeff. and photon and electron spectra 2—21866
- heavy ion strippers, average equilibrium charge states 2—34359
- inert gas ions formed by associative and Penning ionization, collisional dissociation 2—31693
- inert gas-alkali metal vapour, non-equilib. ioniz., exptl. comparison of theories 2—21862
- interstellar, interpretation of diffuse He recombination line 2—33692
- metal atoms in flames, collisional ionization cross-sections 2—38823
- methyl, ethyl and propyl alcohol vapour, first Townsend coeff. meas. 2—15500
- MHD generator, preionization of working medium by nuclear reactions 2—11426
- multiphoton ionization processes in gases, role of atomic spectra 2—35583
- multiple, ideal gas, thermodynamic functions and effective adiabatic index 2—12454
- noble gases, influence of resonance atoms on Penning ionization 2—39196
- partially ionized gas, nonequilibrium stagnation point boundary layer 2—28655
- Penning, in r.f. sputtering discharges 2—4087
- Penning-type ion pump, patent 2—11232
- perfluoroalkanes. electron mobility, diffusion and attachment 2—39197
- perfluorocyclobutane and perfluorobutene, coeffs. meas. 2—35588
- phenomena, collision process, plasma physics, diagnostic techniques, conference (Oxford, September 1971) 2—24828
- phenomena, collision processes, plasma physics, diagnostic techniques, conference (Oxford, September, 1971) 2—21860
- plasma accumulation in e.m. trap 2—39141
- population equilibrium and free electron distribution as coupled problem 2—32111
- potential waves and h.v. breakdown streamers 2—12474
- rare gas, wave propag. as a result of reson. quantum diffusion 2—6107
- rarefied air ionised during discharge of hot cathode determ. conductivity variation in magnetic field 2—12451
- spontaneous, at high temperature 2—18696
- stepwise ionization in positive column processes, direct test 2—35598
- structure of nonequilibrium boundary layer along a flat plate in a partially ionized gas 2—18697
- swarm experiments, validity of fundamental ionization data 2—35579
- time-dependent convection-diffusion equation, nonlinear initial boundary value problem 2—12452
- Townsend's first coefficient of ionization, theoretical determination 2—35584
- Ar, ahead of weak shock wave 2—3308
- Ar, by low energy electron impact, triple differential cross sections 2—5813
- Ar, chemically frozen flow, structure of nonequilibrium boundary layer along a flat plate 2—18697
- Ar, discharges, ion production probabilities 2—21876
- Ar, electron impact at 1 to 10keV, secondary electron energy and angular distribution 2—5814
- Ar, lifetime and excitation rate. obs. 2—15228
- Ar, pulsed positive column, electron drift speed and multiplication obs. 2—8996
- Ar, relaxation behind leading edge of reflected shock wave 2—39198
- Ar, velocity distribution function and large- scale balance of electrons for medium level 2—3251
- Ar and $Ar\text{-}O_2$ mixtures, shock-heated, thermal ioniz. due to impurities 2—8992
- Ar discharges, spatial and temporal dependence of pre-breakdown ionization currents 2—35608

Ionization continued

gases continued
- $Ar.H_2O$ admixture, cylindrical hollow cathode discharge, mass spectrometric study of positive ions extracted from negative glow 2—39212
- Au high-temperature monatomic vapour, autoionization 2—28201
- BCl_3, electron attachment processes 2—32113
- BF_3, electron attachment processes 2—32113
- CO, in collisions with H, $H^\pm$, slow negative ion formation processes 2—874
- CO, inner shell electrons, by CO keV electrons as function of energy loss 2—39195
- CO, negative ion formation, discrepancy between single collision and electron swarm methods of obs. 2—24832
- CO_2, atmospheric pressure pulsed laser, preionization by high energy electrons 2—17590
- Cd high-temperature monatomic vapour, autoionization 2—28201
- Co valence electrons, by 10 keV electrons as function of energy loss 2—39194
- Cs vapour, at front of shock wave, causing sound emission 2—31970
- Cu high-temperature monatomic vapour, autoionization 2—28201
- H multiphoton ionization processes, role of atomic spectra 2—35583
- H_2, in ionospheric D-region 2—7336
- H_2, radiative attachment and photodetachment of free electrons in arc, cross sections 2—35586
- H_2, relaxation and light absorption on strong shock waves 2—21867
- HI region, fractional ionization of interstellar H 2—33691
- H_2O, electron attachment studies 2—21870
- H_2S, formation by dissociative attachment 2—32114
- He-Cd, Penning, low d.c. discharge, excitation, collisions 2—3250
- He-Cd d.c. discharge, Penning ionization 2—3249
- He-He in collision in keV region, meas. of diff. cross section for processes 2—736
- He-Ne, mixture, field ionization 2—6382
- He afterglow, molecular ion dominated, recombination and ionization 2—28672
- He ionizing particle per ion pair energy meas., Penning ionization, non-metastable excited states 2—28234
- Hg discharge tube, ionization degree on anode side of electrical double sheath 2—8924
- Hg high-temperature monatomic vapour, autoionization 2—28201
- In high-temperature monatomic vapour, autoionization 2—28201
- Kr plasma, shock heated, ionization relaxation times 2—35470
- Li plasma, rate calcs. 2—6105
- Mg vapour, rel. to laser beam plasma production 2—21830
- N, electron impact at 1 to 10 keV, secondary electron energy and angular distribution 2—5814
- N_2, in ionospheric D-region 2—7336
- N_2, inner shell electrons, by CO keV electrons as function of energy loss 2—39195
- N_2, pulse radiolysis, electron-ion recombination coeff. 2—39199
- N_2, streamer propagation, preioniz. control 2—21898
- N_2 valence electrons, by 10 keV electrons as function of energy loss 2—39194
- NH_3, electron attachment studies 2—21870
- NH_4ClO_4 flame, recombination coeff., press. depend. 2—28656
- NO_2, by collisions with Cs atoms, analysis of ion production 2—899
- N_2O, by collisions with Cs atoms, analysis of ion production 2—899
- O, plasma anodization of Al 2—3199
- O_2, by collisions with Cs atoms, analysis of ion production 2—899
- O_2, in ionospheric D-region 2—7336
- O_2, three-body electron attachment, investigation using electron beam techniques 2—15499
- O_2 with H_2 traces, drift and diffusion of electrons 2—15501
- O_3, low energy electron attachment using swarm techniques 2—32116
- SF_6, electron drift velocity 2—35590
- SF_6, following dissociation, products formed at 1000-20,000°K and 1-10 atm. 2—6103
- SF_6, streamer propagation, preioniz. control 2—21898
- SO_2, thermal electron attachment in mixtures with N_2, CO_2, ethylene and methanol 2—21868
- Sn high-temperature monatomic vapour, autoionization 2—28201
- Zn high-temperature monatomic vapour, autoionization 2—28201

liquids
- azonaphthalenes. ionization constants meas. 2—28347
- bihalide ions in solution, formation equilibria and proton shieldings studied by proton NMR 2—35789
- cyclohexane, ionization cond., temp. and elec. field depend. 2—7188
- dielectric, γ-ray irrad., average energy per ion pair, W-value 2—28894
- N,N-dimethylaniline systems, formation of ion radicals from the non-relaxed state of excited charge transfer systems 2—37039
- phenanthrene/benzophenone in ethanol, 77K, two quanta sensitized photo-ionisation 2—1761

solids
- cyclohexane, ionization cond., temp. and elec. field depend. 2—7188
- dielectrics, effect of radiation on thermal breakdown voltage, expression for 2—16274
- field ionization by electron tunnelling 2—6301
- Gunn diode, impact ionization effect rel. to domain potential 2—29722
- spectroscopy, principle and applications 2—36646
- $Cd_xHg_{1-x}Te$, impact ionization thresholds, deep level ionization energies, photocond. obs., 78 K 2—22638
- Cs, by electron impact, mechanisms 2—5815
- CsI, energy loss of particles 2—4091
- Ge ioniz. rates of electrons and holes 2—6849
- InSB, impact ionization thresholds, photocond. spectra, 295K, 90K 2—22646
- Ni-Cr alloy, 1000-1350°C, degree of ionization and electrotransport phenomena 2—40179
- Si p-n junction breakdown, Zener effect, impact ionization 2—13278

Ionization, atmosphere
- *see also Atmosphere/radioactivity; Ionosphere*
- auroral and equatorial, ionosphere, redistribution 2—26539
- auroral particle precipitation, bottomside ionosonde, simultaneous satellite measurements 2—23027
- Cytherean topside ionosphere, existence of thermal protons 2—17143
- D-region, corpuscular nature of ionization by electron flux 2—23017
- d-region ledge, ionization changes during 1970, March 7 solar eclipse 2—33531
- disturbed F_1-region, ion structure modelled from $n_e(h)$ profile 2—23103
- DR-current, development, relation to DP storms 2—13773

Ionization, atmosphere continued
E_s-layer, flat type, statistical relationships at conjugate points 2—13781
E layer and sporadic E-layer, solar x-ray control 2—16910
E-region, cusp activity near critical frequency, electron density distrib. 2—23018
electric field measurements in upper atmosphere, ionospheric and magnetospheric origin 2—37197
electron density profile, from frequency dependence of radio absorption 2—13780
electron density profiles for nighttime and sunrise periods 2—23007
electron precipitation and various upper atmosphere excitation and ionization processes 2—30324
electron precipitation associated with discrete v.l.f. emission near plasmapause 2—16876
e.l.f. attenuation under theoretical ionospheres in presence of magnetic field 2—23002
evening ionization maximum, F_2- layer, temporal characteristics 2—13785
F_2, intertropical, dynamic aspects 2—23031
F-region, electron density enhancements, associated with sparodic-F traces 2—23028
fluid mixtures, ionosphere, Lagranges method for hyperbolic partial differential equations 2—10759
freq. distrib. of E_s in 1958 and 1960, and nature of this layer 2—13765
ion production and loss rates from vertical electron density profile 2—13768
ion production function during interaction of electron fluxes with atmosphere 2—13766
ion-exosphere with asymmetric velocity distribution, number density, particle, momentum, and energy fluxes 2—33505
ionosphere, during interaction of charged particle fluxes with atmosphere 2—30349
ionosphere D-region ion chemistry, review 2—16909
ionospheric D-region, major negative and positive ions up to 50 km altitude 2—7339
ionospheric D-region, rate constant for $NO_2^- + H = OH^- + NO$ reaction 2—30353
ionospheric electron content, from Faraday rotation of geostationary satellite signals 2—30350
ionospheric plasma parameters, oblique sounding experiments 2—33514
loss cone, pitch-angle distributions of equatorial protons and electrons 2—10751
magnetoionic component, suppression of elliptic polarization during wave reflection from F_2-layer 2—10765
mesosphere, supersonic and subsonic meas. 2—37132
metal ion chemistry, review of problems and laboratory data 2—4699
night-time ionosphere, effect of H and He u.v. glows in low and mid-latitudes 2—37213
plasma motion in magnetosphere, in electric field produced by geomagnetic disturbance 2—13735
plasmapause variations, topside thermal protons, corotating plasma tail 2—13786
quasi-dipole approximation in the method of partial radio wave reflections 2—13779
short radio waves reflection, measurement during solar eclipse 2—13761
space communications, atmospheric inhomogeneities 2—26532
underlying ionization of E-layer with absence of x-trace from x-trace of F-region 2—23022
upper, ion clouds, initially spherically symmetric, diffusive motion 2—30329
variations in characteristics associated with changed solar activity 2—13767
wave-particle interactions around lower hybrid resonance 2—30346
X-rays from Sco X-1 and Tau X-1, calc. nocturnal absorption of LF radiowaves in lower ionosphere 2—26528
Ba, laser radar detection, dye laser tuned to Ba II resonance line 2—30351
O_2 vibrationally excited, equilibrium densities for day and night 2—22984

Ionization, surface
see also Electron emission/thermionic; Ion emission/thermionic; Work function
adatoms, on W, by electron impact 2—29072
electron spectroscopy 2—6309
field evaporation theory, models 2—28996
field ionization enhancement by field adsorption of inert gas atoms 2—13363
metal surface emission properties, effect of bombarding ions energy above and below sputtering threshold 2—36371
zeolite, carbonium ion desorption, comparison with field ionization 2—6390
Ba^+ ion source, for collision expts. 2—34356
CeC_2 2—35840
CsCl molecules on Ir(111)-C film emitters, effect of adsorped C 2—21865
Fe emitter, field ionization, influence of gas adsorption 2—10154
H atom, on metal surface, field ionization 2—39559
Ir(III)-C, dependence of current of I^+ ions formed on C coverage 2—9297
K fast atoms, on Ta and W ribbons 2—13364
LaC_2 2—35840
NdC_2 2—35840
PrC_2 2—35840
Pt emitter, field ionization, influence of gas adsorption 2—10154
ThC_2 2—35840
UC_2 2—35840

Ionization chambers
for absorbed dose calibrations of high energy X-rays and electron beams 2—445
calorimeter for nuclear electron cascades 2—2582
dose equivalent measurement 2—2622
electron dosimetry, sensitivity to incident beam energy 2—38387
Farmer Dosemeter Mk. II, calibration and equilibration times, errors 2—33792
Farmer Dosemeter Mk. II, pressure time-constants and correction factors 2—33791
flash tubes, computer simulation at diffusion and drift of electrons 2—34789
flat, four-section, for high ^3H conc. obs. 2—31360
gamma-rays up to 50 MeV, standard free-air chamber with magnetic field 2—2623
ionization, calorimeter, nuclear cascade process 2—23922
liquid filled, X-ray and γ-ray induced photovoltaic effect 2—38360
multiple cavity, applic. to ionizing radiation absorbed energy and elec. charge distrib. meas. 2—18268

Ionization chambers continued
for neutron beam dosimetry 2—2624
neutron detector for location of beams in space, patent 2—21327
pickups for beam position sensing of accelerated electrons 2—31400
spectrometer, calc. of energy losses not measured in cosmic ray primary energy range 10-1000 GeV 2—27794
spectrometer combined with emulsion chamber for studying hadron interactions around 10 TeV 2—27793
spectrometer used in balloon expts. on high energy cosmic rays calibrated with 10, 20.5 and 28 GeV/c machine accelerated protons 2—27795
threshold miniature counters operating in corona region, for neutron detection 2—31358
tissue equivalent, for obs. of fast neutron dose 2—2035
β-ray meas., and defined solid angle and calorimetric methods 2—14737

Ionization gauges *see Vacuum gauges*

Ionization potential
alkali halides, in crystal, meas. rel. to electron binding energy 2—31685
allene, preliminary determination from vacuum u.v. spectra 2—21655
appearance determ. from second differential ionization efficiencies, effect of threshold behaviour 2—24829
atom, multi-electron, photoionization section of 1s and 2s states, computer calcs. 2—31642
atoms, H to Kr, theoretical and experimental 2—8460
p-benzoquinone, effect of methyl and hydroxyl substituents 2—35307
calculation using perturbation treatment of Green's function 2—35224
diarylethanes, meas. by electron impact mass spectrometry, search for ring orbital interaction 2—35325
diarylmethanes, meas. by electron impact mass spectrometry, search for ring orbital interaction 2—35325
elements, empirical formulae 2—38820
ethylene, determ. from photoelectron spectra 2—31854
formaldehyde, vertical ionization potential, calc. based on perturbation theory 2—3095
formaldehyde photoionization first ionization potential determination 2—15378
glyoxial, theoretical calculation 2—18510
N-heterocyclic compounds, comparison of calculation with experiment 2—31869
isothiazole series, meas. and calc. of ionization potential 2—846
methanol, photoionization first ionization potential determination 2—15378
methylated ethylenes, determ. from photoelectron spectra 2—31854
molecules, and electron affinity, evaluation of current values 2—15278
norbornanones and norbornenones, photoelectron spectroscopic determ. 2—3114
pyrazine 2—28403
pyridazine 2—28405
pyrimidine, u.v. and electron impact spectra 2—28404
three- to ten-electron systems, second-order perturbation term 2—35147
s-triazine 2—28416
As_2 2—18402
BF molecule, first, using electron impact mass spectrometry 2—12102
$CO(CN)_2$, X=F, Cl, Br, assignment from 6-21 eV photoelectron spectra 2—28279
COX_2, X=F, Cl, Br, assignment from 6-21 eV photoelectron spectra 2—28279
CS, vacuum u.v. photoelectron spectrum values for first two ionization potentials obtained 2—28285
CS short-lived spherics in products of CS_2 discharge, photoelectron spectrum 2—31789
ClF, photoelectron spectrum meas. adiabatic ionization potentials obtained 2—12121
Co XVII, relativistic corrections to ionization energies and dipole oscillator strengths 2—8445
Cr, soft X-ray appearance pot. spectra, effect of oxygen 2—35872
Cr complex, $Cr(CO)_6$, ab initio SCF-MO calcs. comparison with exptl. results 2—21634
Cr organometallic derivatives, correlation between ionization potentials of complexes and free ligands 2—18494
$Cr(CO)_6$, NEMO calculation of first four vertical ionization potentials 2—12124
Fe XVI, relativistic corrections to ionization energies and dipole oscillator strengths 2—8445
GeO molecule, first, using electron impact mass spectrometry 2—12102
H_2, from Rydberg series 2—38908
He ionizing particle per ion pair energy meas., Penning ionization, non-metastable excited states 2—28234
Kr I sequence, Rydberg series 2—15219
Li_2, obs. by electron impact method 2—6104
Mn organometallic derivatives, correlation between ionization potentials of complexes and free ligands 2—18494
NH_4ClO_4 flame, recombination coeff., press. depend. 2—28656
Na-O species, vertical and adiabatic potentials, deduction from Hartree-Fock molec. orbital studies of neutral molecule and ions 2—37032
Na_2, obs. by electron impact method 2—6104
Ni, soft X-ray appearance pot. spectra, effect of oxygen 2—35872
Ni complex, $Ni(CO)_4$, ab initio SCF-MO calcs. comparison with exptl. results 2—21634
Ni XVIII, relativistic corrections to ionization energies and dipole oscillator strengths 2—8445
O_2, prod. of 1s hole states in O_2^+ ion 2—8689
OF, $^2\Pi$ state, ab initio calc. 2—31818
PH_3, rel. to P pyramidal inversion process, ab initio SCF-LCAO-Mo study 2—31822
PO, from energy of first Rydberg $A^2\Sigma^+$ state 2—35278
Sb_2 2—18402
SiH_xX_{4-x}, X=halogen, photoelectron spectra studied to obtain information on bonding 2—24433
SiO molecule, first, using electron impact mass spectrometry 2—12102
Ti, soft X-ray appearance pot. spectra, effect of oxygen 2—35872
W organometallic derivatives, correlation between ionization potentials of complexes and free ligands 2—18494
YIV, evaluation by 3-parameter Ritz formula 2—38816
YIV, transitions to the ground level 2—38816

Ionized gases *see Ionization/gases; Plasma*

Ionosondes *see Ionosphere measuring apparatus*

Ionosphere
- *see also Electromagnetic wave propagation/ionosphere*
- absorption fluctuations rel. to atmospheric planetary scale waves 2—13763
- absorption of radio waves from absolute flux density measurements at 26.3 MHz of Tau A, Vir A, Cyg A, Cas A 2—20619
- activity during the geomagnetic storm of 8 March 1970 2—7347
- Appleton's formula, quasi-transverse approximation 2—23004
- auroral, parallel electric field near 2—20391
- auroral red arc, excited by electric field, time dependent behaviour 2—40990
- Birkeland currents, production maintenance and control 2—16892
- charged particle concentrations during 1966, November 12 solar eclipse, rocket measurements 2—33521
- conductivity, anisotropy, diurnal variation of geomag. field 2—13795
- conjugate photoelectron obs. during total solar eclipse, rocket obs. 2—33523
- cosmic noise absorption, latitudinal variation 2—4710
- cross-field instability, three dimensional linear analysis 2—37203
- current rel. to multiple midlatitude 6300 Å auroral arc associating geomagnetic storm recovery phase 2—23040
- daytime topside ionosphere at middle latitudes, seasonal anomaly and disturbance effect, vertical distribution 2—30358
- diffusion component equation, plane stratified plasma 2—1894
- discontinuities, mechanism of subsidiary ionization due to charged particles from radiation belts 2—26529
- distance attenuation of reflected l.f. radio waves at vertical incidence 2—10758
- disturbances and outpouring of auroral particles during substorms of March 24 and 30 (1968) 2—26530
- disturbed, American zone during IGY-IGC 2—16900
- diurnal magnetic activity pattern, internal course 2—33520
- DR-current, development, relation to DP storms 2—13773
- drift measurements in low frequency range, obs. and interpretation 2—26535
- drift over Siberia, obs. 2—26533
- dynamo current, effect of galactic X-ray ionization 2—20412
- electric field measurements in upper atmosphere, ionospheric and magnetospheric origin 2—37197
- electric fields, use of radio aurora 2—33509
- electric fields in presence of fast electron inhomogeneity 2—20403
- electrical conductivity, relation to definition of collision frequencies in kinetic theory of gases 2—3321
- electrodynamics, dynamo and motor 2—20405
- electrojet, equatorial, nonlinear theory of type I irregularities 2—20393
- electrojet, obs. of related Birkeland current 2—20392
- electrojet, solar development during polar magnetic substorms 2—13759
- electrojet rel. to equatorial drift 2—4716
- electron and ion temp. det., review of processes and mechanisms involved 2—20404
- electron content, discussion of Ross second-order equation 2—20406
- electron content, from Faraday rotation of geostationary satellite signals 2—30350
- electron content, latitudinal evolution 2—16897
- electron content and related parameters at sunspot maximum 2—13769
- electron content fluctuations, power spectra 2—10760
- electron content meas., with geostationary satellite 2—13770
- electron content meas. Faraday effect 2—20407
- electron content near equatorial anomaly during half solar cycle 2—4714
- electron content nonperiodic irregularities 2—13774
- electron density, nighttime changes during geomag. storms 2—23009
- electron density changes and associated thermiospheric winds during storm 2—41001
- electron density distribution irregularities, obs. from Faraday rotation obs. of v.h.f. signals from satellite 2—16898
- electron density meas., theory of 24.5/73.6 MHz c.w. propagation expt. 2—16906
- electron density profiles for nighttime and sunrise periods 2—23007
- electron drifts in equatorial electrojet region, effect of magnetic activity 2—7332
- e.l.f. attenuation under theoretical ionospheres in presence of magnetic field 2—23002
- equatorial drift, rel. to electrojet currents 2—4716
- equatorial electrojet irregularities, radar studies at 16.25, 49.92, 146.25 MHz 2—16901
- Faraday rotation obs., manual reduction compared to computer ray trace analysis 2—4717
- Faraday rotation of Jovian decametric radio noise 2—1992
- freq. distrib. of E_s in 1958 and 1960, and nature of this layer 2—13765
- Hall current, magnetic field in gyrotropic plant 2—13772
- h.f. Doppler dispersion during total solar disturbances eclipse and travelling ionospheric analysis 2—33526
- horizontal winds, analysis of frequency distribution of vertical shear 2—37202
- inhomogeneities, study by phase interferometry of satellite transmissions at 136.410 MHz 2—37200
- inhomogeneous cloud structure det. from Doppler shifts of coherent radio frequencies 2—30352
- ion density distributions, Lagranges method for hyperbolic partial differential equations 2—10759
- ion production and loss rates from vertical electron density profile 2—13768
- ion production function during interaction of electron fluxes with atmosphere 2—13766
- ion-acoustic instability and drift in presence of fast particle inhomogeneity 2—20408
- ion-molecule, ion-electron reaction rate constants from in situ obs. 2—7331
- ionization rate, electron density and conductivity during interaction of charged particle fluxes with atmosphere 2—30349
- ionograms, world-wide, slide-rule device for scaling 2—4718
- irregularities study using radio signals 2—13775
- longitudinal currents in magnetosphere, along geomagnetic lines of force, formation from ionospheric currents 2—22990
- lower, effect of solar cosmic ray flare of 11-18 Apr. 1969 2—17066
- lower, naturally occurring v.l.f. radio signals during 1970, March 7 solar eclipse 2—37199
- lower, solar cosmic-ray flux density and spectrum data 2—33518
- lower layers, equivalent secondary multipoles, gyrotropic plane model 2—23011

Ionosphere continued
- magnetic drift waves near proton cyclotron frequency 2—12391
- magnetosphere-ionosphere interactions conference (New Delhi, Feb. 1971) 2—20401
- measurement program II, high energy particles detection 2—20411
- mesosphere and lower thermosphere, thermal tides laser radar observations 2—22986
- metal ion chemistry, review of problems and laboratory data 2—4699
- modification with intense radio waves 2—30337
- modulation processes, twelve-year observations 2—20400
- motions, co-phase analysis technique for detection and parameter est. 2—37140
- movements, effect on equatorial daily variations of geomagnetic field 2—10776
- movements, obs. by incoherent scatter, review 2—16902
- movements obs., north-south, at low-latitude station 2—33527
- nonlinear interaction of resonant plasma oscillations, explanation of ionospheric plasma resonances 2—39166
- oblique backscatter sounding, dependence of received power on duration of sounding pulse 2—33528
- phenomena causing v. small geomag. field variations, rel. to solar activity 2—20419
- photoelectron fluxes, Monte Carlo simulation, model 2—16899
- photoelectron fluxes obs. 2—23010
- physics of, and production, review 2—26527
- plasma, simulation by collisionless ion beam plasma 2—18644
- plasma phenomena 2—23083
- plasma waves, nonlinear saturation of parametric instability, theory 2—32096
- plasmapause positions of OGO-V satellite crossings, comparison with Pi micropulsation events 2—30313
- polar cap absorption, rel. to solar cosmic rays 2—23126
- potential variations, seasonal and diurnal 2—30296
- propagation of sound, attenuating and dispersive medium 2—30336
- quasielectrostatic cyclotron harmonic wave propagation, energy reflection in warm magnetosphere 2—28630
- quasiperiodic electron density disturbances, effect on geomagnetic variations 2—33519
- radio aurora, ion-acoustic waves and aspect sensitivity 2—40988
- radio communications characteristics, accuracy of determination by means of transmission curves 2—10755
- radio wave propagation time by Smith's method, estimate of accuracy 2—13762
- radiowave reflection, region of signal formation 2—33515
- ram effect and ion density calc. from rocket flight measurements 2—4760
- realistic thermosphere model, gravity wave propagation 2—40975
- scintillations, rel. to OI 6300 Å airglow line intensity 2—16882
- short radio waves reflection, measurement during solar eclipse 2—13761
- short wave radio propagation paths at fixed frequency 2—13760
- simulated disturbed, laboratory meas. of ion chemistry at 300°K 2—33524
- simulation of polar satellites flight through ionosphere by wake behind obstacle in plasma flow from Q-machine 2—21823
- sky-wave backscatter, review 2—40999
- slowly varying electric field meas. effects of field fluctuations 2—40981
- solar activity, classification Oct-Dec 1967, comparison with Jul-Sep 2—4711
- solar flare effects 2—16904
- solar flare effects 2—13777
- sporadic echoes, type h, comparison of occurences with pc geomag. pulsations 2—20424
- starlight modulation by electron density fluctuations 2—10885
- stationary phase direction in homogeneous absorbent isotropic media 2—30339
- storms, review, changes which accompany geomag. storms 2—20409
- stratospheric interaction during planetary wave movement in Jan 1967 2—33525
- structure, small-scale, radio scintillation method of estimation 2—4715
- sudden disturbances, effect of solar flare X-rays 2—16905
- sudden disturbances, rel. to solar X-ray flares 2—16903
- sudden frequency deviations rel. to sudden enhancement of total electron content 2—7330
- temperature variations and nighttime structure 2—22954
- thermosphere, annual fluctuations in large-scale circulation 2—7322
- thermosphere, temp. meas. technique using mol. beam sampler and metastable time-of-flight obs. 2—40978
- thermosphere atoms, empirical model 2—20410
- thermosphere measurements with mass spectrometer 2—40976
- thermospheric solar tides 2—10742
- thermospheric wind circulation, excited by magnetic storms 2—30373
- topside, disturbance effects and electron density during magnetic storms 2—41003
- travelling disturbances, obs. near time of total solar eclipse 2—37201
- variations in characteristics associated with changed solar activity 2—13767
- variations rel. to localized abnormal geomag. disturbance near geomag. pole 2—1904
- vertical drift of small-scale inhomogeneities, height dependence 2—23013
- vertical motions and energy conversions in summer season 2—7284
- v.l.f. noise spectrum in the Earth-ionosphere cavity, excitation by lightning discharges 2—10754
- v.l.f. radio waves, heating effects, electron collision frequency 2—20998
- v.l.f. signals phase, effects of stellar X-rays 2—10757
- weather index, electron density fluctuations, dynamic state 2—37204
- wind resonance, pressure fluctations and turbulent friction 2—13771
- Fe^+, rel. to equatorial spread F 2—20416
- NO^+, O_2^+ densities, influence of neutral winds at night 2—23008
- O, O_2, N_2 photoionization yields for high and low solar activity 2—4713
- O and H ion densities 2—41002

D-region
- absorption, effect of 1958/70 sunspot cycle 2—4720
- chemical reactions metal ion chemistry, thermal energy binary, three-body reaction rate 2—37189
- collision frequency and temp. changes during SIDs 2—1897
- conductivity gradients during SIDs, variation study from v.l.f. propag. anomalies 2—1898
- corpuscular nature of ionization by electron flux 2—23017
- electron conc. and collision frequency w.r. to height, global morphology of integrated product 2—4721
- electron concentration calculation by amplitudinal values of ordinary and extraordinary radio waves 2—4719

- **Ionosphere** continued
  - **D-region** continued
    - electron content during magnetic storm 2—7335
    - electron densities below 100 kilometers at midlatitude during solar minimum and maximum years 2—37215
    - electron densities diurnal and seasonal variation under quiet conditions 2—33540
    - electron density, role of H_2O vapour and NO in obs. 2—7338
    - electron density and collision frequency fluctuations effect on N(h) profiles 2—23016
    - electron density profile, from frequency dependence of radio absorption 2—13780
    - electron density profile 2—33539
    - electron density profiles, collision number, partial reflection method 2—30921
    - electron density profiles deduced from sudden cosmic noise absorptions and v.l.f. phase and amplitude 2—13776
    - electron loss coefficients from rocket measurements during solar eclipses 2—33532
    - electron-ion and ion-ion reaction rate coeffs. during PCA event 2—41004
    - electronic concentration, determination using parameter f_{min} 2—33530
    - extraionization and solar X-ray flux, from SPA and SES obs. 2—23128
    - ion and electron density obs. during sunrise 2—7340
    - ion chemistry, changes during solar flares 2—41005
    - ion chemistry, review 2—16909
    - ion densities, obs. with parachuted probe 2—7341
    - ion formation, negative and positive, up to 50 km altitude 2—7339
    - ion-molecule reactions, laboratory obs. 2—7337
    - ion-neutral reactions meas. using NOAA flowing afterglow system 2—33537
    - ionization changes and D-region ledge during 1970, March 7 solar eclipse 2—33531
    - ionization contribution by cosmic X-rays 2—33534
    - negative ion composition measurement during 1970, March 7 solar eclipse 2—33533
    - position ion chemistry 2—33535
    - positive ion composition 2—33536
    - positive ion composition measurements during 1966, November 12 solar eclipse 2—33533
    - positive ions and winter anomaly 2—33541
    - precipitating energetic electrons rel. to nightglow evidence 2—37206
    - quasi-dipole approximation in the method of partial radio wave reflections 2—13779
    - radiowave absorption, freq. depend., N(h) profile detn. 2—1896
    - reactions involving atmospheric cluster ions 2—33538
    - VLF phase regression around sunrise 2—7334
    - v.l.f. propagation at 12-24 kHz phase behaviour, effects of solar eclipse 2—23015
    - wind speeds, density changes, radio wave absorption, correlation determ. 2—26536
    - winds analysed into components 2—26537
    - winds and radiowave absorption 2—33542
    - e electron density meas. by incoherent scatter technique at Millstone Hill 2—37208
    - e loss during solar X-ray flares decay 2—37207
    - H_2 constituent, ionization process 2—7336
    - $H_3O^+.(H_2O)_2$ and $H_3O^+.H_2O$ 2—16908
    - N_2 constituent, ionization process 2—7336
    - $NO_2^-+H=OH^-+NO$, rate constant 2—30353
    - $NO^+.H_2O$ composition, comparison of upleg ram with downleg wake 2—16908
    - O_2 constituent, ionization process 2—7336
    - $O_2(^1\Delta_g)$ concentration 2—33543
  - **E-region**
    - absorption of m.f. and h.f. waves, computation using ray-tracing technique 2—7795
    - auroral and equatorial, redistribution of ionosation 2—26539
    - blanketing type irregularities near the magnetic dip equator 2—4731
    - continuous E_s reflections of various types at high latitudes, duration 2—30354
    - cusp activity near critical frequency, electron density distrib. 2—23018
    - drift measurements at De Bilt 2—26540
    - E_s, reflection and transmission coeffs., numerical calc. 2—4723
    - 50 MHzE_s measurements over period 1964-1970 using amateur signals 2—37212
    - E_s observations in Europe, horizontal structure, movements 2—37216
    - Earth's magnetic field relationship with E_s at middle latitudes 2—33544
    - electric conductivity tensor, effect of nondipole geomagnetic field 2—23020
    - electric currents generating geomagnetic Sq. current, obs. at 115 km altitudes 2—16921
    - electron conc. and collision frequency w.r. to height, global morphology of integrated product 2—4721
    - electron densities below 100 kilometers at midlatitude during solar minimum and maximum years 2—37215
    - electron density, ionosonde and Faraday rotation obs., effect of total solar eclipse 2—33545
    - electron density distortion at magnetic equator by Sq current system 2—41008
    - electron density enhancement during solar flares 2—13782
    - electron density profiles and vertical ion drift velocities, effect of horizontal winds at night 2—4736
    - electron drift velocity measurements of E-W component 2—20413
    - electronic concentration in lower levels determination using parameter f_{min} 2—33530
    - equatorial E_s disappearance and electrojet current reversal 2—7343
    - equatorial sporadic, disappearance associated with magnetic field depressions 2—30356
    - flat types, statistical relationships at conjugate points 2—13781
    - horizontal drift, daily variation. obs. 2—30355
    - horizontal drift and sporadic-E data, neutral wind direction det. 2—23021
    - ion composition, rocket mass spectrometry 2—7342
    - ion concentration and composition by incoherent scatter radar technique 2—33547
    - ion concentrations during 1970, March 7 solar eclipse 2—33522
    - ion-neutral reactions meas. using NOAA flowing afterglow system 2—33537
    - kinesonde observations, applications to sporadic E studies 2—4745
    - median true height profiles, synthesized from propagation parameters 2—23003
- **Ionosphere** continued
  - **E-region** continued
    - metallic ions in lower E-region, elemental and isotopic abundances 2—41006
    - m.f. radiowave reflection, amplitude and phase obs. 2—41007
    - midlatitude sporadic E, mechanism, theory 2—37220
    - movements study using amplitude fluctuations of signal from transmitter in medium wave range 2—26538
    - night time ionization contrib. from galactic X-ray sources, geomag. field variations 2—20412
    - night-time, ionizing effect of H and He u.v. glows in low and mid-latitudes 2—37213
    - nighttime radiowave propagation 2—37856
    - position ion chemistry 2—33535
    - positive ion composition measurements in lower E-region during 1966, November 12 solar eclipse 2—33533
    - positive-ion mass spectrometer obs. 2—33546
    - sporadic and right-time, rocket observations of upper layers 2—4735
    - sporadic E, 50 MHz observations, daily, seasonal and yearly effects, and corrections with meteor showers and magnetic storms 2—4730
    - sporadic E, altitude profile of the vertical wind, measurement by rocket trails 2—4737
    - sporadic E, conference, Logan, USA (1971) 2—4722
    - sporadic E, daily and yearly variations, effect of magnetic field and sunspot cycle 2—4729
    - sporadic E, electron density maxima in relation to vertical ionization movements 2—4728
    - sporadic E, empirical models and long-term radio propagation predictions 2—4725
    - sporadic E, gravity waves, enhancement of ion density 2—4740
    - sporadic E, influence of tidal wind system, semidiurnal effect 2—4742
    - sporadic E, lunar influences on altitude and density 2—4743
    - sporadic E, rel. to ionospheric wind direction 2—23019
    - sporadic E, relation to effect of tidal winds 2—4741
    - sporadic E, review of formation mechanisms, hydromagnetics 2—4744
    - sporadic E, rocket measurements of wind shear and electron density 2—4727
    - sporadic E, scattering of radio waves, a new model 2—4732
    - sporadic E, vector magnetometer measurements of ionospheric currents, rocket observations 2—4739
    - sporadic E, VHF propagation, occurrence and movements of intense Es clouds 2—4724
    - sporadic E, wind profiles and relation between wind shear and fbEs 2—4733
    - sporadic E, wind-shear theory, comparison of wind-profile and sporadic observations made in Hawaii 2—37218
    - sporadic E ionization, rel. to surface pressure disturbance during thundersqualls 2—4726
    - sporadic E layers, rocket observations of structure and size 2—4734
    - sporadic E occurrence variation, influence of tidal wind system, wind-shear theory 2—37211
    - sporadic E rel. to geomagnetic activity 2—13783
    - and sporadic E-layers, solar X-ray control at ionization 2—16910
    - sporadic E-layers obs. 2—26541
    - sporadic-E, metal ion chemistry, thermal energy binary, three-body reaction rate 2—37189
    - sporadic-E, position of electron density maxima with vertical ionization movements, wind-shear theory 2—37224
    - sporadic-E, recent developments in wind-shear theory, midlatitude E_s theory 2—37210
    - sporadic-E formation, cross-field instability 2—37223
    - sporadic-E formation by wind shear, comparison between observation and theory 2—37209
    - sporadic-E layers, lunar influences on altitude, density 2—37222
    - sporadic-E layers midlatitude rocket observations, probe, propagation experiments 2—37219
    - structure of sporadic-E, measurement of ordinary, extraordinary critical, blanket frequencies using ionosonde 2—37217
    - transport processes, regular tidal winds, irregular gravity waves 2—37221
    - underlying ionization of E-layer with absence of x-trace 2—23022
    - valley synthesis, N(h)-profiles computation 2—16911
    - vertical velocity distribution and formation of electron density irregularities 2—37214
    - v.h.f. radio signals, 30 to 100 MHz, propagation rel. to solar activity 2—16849
    - wind shear amplitudes from horizontal wind profiles, energy deposition rate and viscous dissipation 2—4738
    - winds analysed into components 2—26537
    - e electron density meas. by incoherent scatter technique at Millstone Hill 2—37208
    - e electron density profile 2—33539
  - **F-region**
    - absorption excursion, F-region contribution to latitudinal features 2—41000
    - auroral particle precipitation, bottomside ionosonde, simultaneous satellite measurements 2—23027
    - collapsing, post-sunset, possibility of supersonic plasma flow 2—20418
    - cross-correlation characteristics of deviations of critical F_2 layer frequencies 2—13778
    - Cytherean topside ionosphere, existence of thermal protons 2—17143
    - daytime, height and frequency depend. of q_e and particle temp. in summer 2—30359
    - drifts and irregularities over Ibadan 2—16912
    - electron content behaviour during geomagnetic storms 2—10767
    - electron content variations during solar eclipse 2—33550
    - electron density, ionosonde and Faraday rotation obs., effect of total solar eclipse 2—33545
    - electron density, random fluctuations 2—10766
    - electron density, scintillations rel. to OI 6300 Å airglow line intensity 2—16882
    - electron density disturbances in F_2-layer and topside during magnetic storm 2—23025
    - electron density enhancement during solar flares 2—13782
    - electron density enhancements, associated with sparodic-F traces 2—23028
    - electron drift velocity, vertical component 2—20413
    - electron heating rate and ion chemistry in lower F-region during 1970, March 7 solar eclipse 2—33522
    - electron precipitation and various upper atmosphere excitation and ionization processes 2—30324

Ionosphere continued
F-region continued
electron temperature, latitudinal distrib. in summer in daytime F_2-layer 2—23023
equatorial spread F, rel. to Fe^+ ions 2—20416
equatorial spread of radio signals reflected from F_2 layer 2—13784
evening ionization maximum, F_2- layer, temporal characteristics 2—13785
exosphere, field aligned reflection traces, reduction of ionograms 2—10763
f_0F_2, global study of disturbance effects and possible mechanisms 2—30361
F_2, electron density vertical distributions, effect of vertical drift 2—23026
F_2, total solar eclipse, 22 September 1968, effect on 2—23032
F_2 midlatitude layer, vertical motions during magnetospheric substorms 2—16913
field aligned irregularities in auroral F-layer, backscatter soundings 2—30360
gravity waves obs. in night time F-region 2—41010
heating at Arecibo 2—20414
horizontal neutral winds, from incoherent scatter observations 2—23033
incoherent-scatter F1 region observations 2—13788
initial F_2-layer frequencies variation with stratospheric circulation 2—33548
intertropical ionization, dynamic aspects 2—23031
ion composition, rocket mass spectrometry 2—7342
ion densities, effect of the state of the atmosphere 2—23024
ion structure modelled from $n_e(h)$, disturbed F_1-region 2—23103
irregularities producing scintillation, rel. between height and magnetic activity 2—4748
irregularities which produce satellite scintillations, axial asymmetry 2—26542
magnetoionic component, suppression of elliptic polarization during wave reflection from F_2-layer 2—10765
median true height profiles, synthesized from propagation parameters 2—23003
neutral winds implied by electron obs. during solar eclipse 2—33549
night-time, ionizing effect of H and He u.v. glows in low and mid-latitudes 2—37213
nocturnal, electrodynamic drift caused by conjugate point sunrise 2—30362
as plasma laboratory, modification by strong r.f. fields 2—33529
plasma parameters, models for electrostatic wave propagation 2—32070
plasmapause variations, topside thermal protons, corotating plasma tail 2—13786
polar, daytime, latitudinal cross sections, electron density 2—20415
polar, North rel. to South, electron density and energy input 2—13787
radio propagation, fast Faraday fading of long range satellite signals 2—10762
recombination mechanism in night-time, 6300 A quantum efficiency 2—20417
small-scale inhomogeneities 2—10768
sporadic formations from vertical sounding data, electron density 2—10769
synthesis of data obtained during solar eclipse of September 11, 1969 at Jicamarca, Peru 2—33551
thermospheric winds, equations of motion 2—10770
topside, H_2 density and proton flux from incoherent scatter obs. 2—4747
topside, scattering of e.m. waves, analysis 2—4746
trans-equatorial propagation, evening type, and range spreading 2—10764
underlying ionization of E-layer with absence of x-trace from x-trace of F-region 2—23022
vertical fluxes obs. into and out of protonosphere 2—23034
vertical ionization profiles during conjugate disturbances in F2-region 2—30357
v.h.f.-u.h.f. scintillation 2—23030
H^+ altitude distribution determ. 2—23029
N^+ height profile 2—41009

Ionosphere measuring apparatus
AIS ionosonde attachment for obtaining amplitude-height-frequency characteristics 2—23014
Digisonde 128 computer control 2—7333
equatorial Faraday rotation measurements, using geostationary satellite 2—30345
interference method of investigating travelling ionosphere disturbances 2—23012
ISIS-II, high energy particle detection 2—20411
kinesonde, E-region observations, applications to sporadic E studies 2—4745
Langmuir probe response, end effect, rel. to ionospheric satellite conditions 2—39152
phase interferometer, for satellite to transmissions at 136.410 MHz 2—37200
photo-chemical reactions, air release instrument r.f. mass spectrometer 2—13764
plasma probes for Japan Antarctic Research Expedition rockets 2—10761
probe, parachuted, obs. of ion densities in lower D-region 2—7341
r.f. probes, dipolar, admittance, performance obs., in simulated ionosphere 2—26534
riometer recordings of auroral activity during IQSY (1964-5) and IASY (1969), N. polar regions 2—20389
thermosphere, temp. meas. technique using mol. beam sampler and metastable time-of-flight obs. 2—40978
vector magnetometer, rocket observations of ionospheric currents in the sporadic E-region 2—4739
Ba, ion clouds, laser radar detection, dye laser tuned to Ba II resonance line 2—30351

Ions
see also Atoms; Ion emission/thermionic; Molecules; Plasma
AH_n^+ (A=C,N,O, or F), ab initio MO calc. of geometries and energies 2—24425
anomalously fast, origin in vacuum arc 2—24917
binding energies, nonrelativistic theory for large atomic number 2—24323
charge exchange between heavy ions 2—11990
clay, decrease due to exchange of adsorbed cations 2—29281
cluster, theory and examples 2—21861
cold ion collection by means of Langmuir probes, effect of collision in transitional regime 2—28572
D-region, winter anomaly 2—33541
diffusion, unipolar, for charging of aerosols minimum flux criteria for estimation of charging rate 2—28919

Ions continued
doubly charged, cross sections for production due to single ionization 2—28216
E-region, concentration and composition by incoherent scatter radar technique 2—33547
E-region, density meas. 2—33546
field induced ion adsorption, results and effects 2—6360
He like, ratio of line intensities as electron density indicator 2—20710
hydrogenic, radiative recombination in high temp. plasmas 2—16964
ion-atom three-body association reaction, resonance theory 2—22850
ionosphere E-region, abundances of metallic ions 2—41006
ionospheric D-region, obs. during sunrise 2—7340
metastable, in mass spectra, automated acquisition using on- line computer 2—38780
metastables, mass analysis 2—15189
molecular, photodetachment spectrometry, crossed beam technique 2—761
monoatomic, core-electron binding-energy, estimation using equivalence of equally charged cores 2—35223
multicharged ion, excitation by proton impact, cross sect. calc. using impact parameter method 2—653
multiply charged, heavy in laser produced plasma, energy and spatial distrib. obs. 2—35529
negative, formation in CO, discrepancy between single collision and electron swarm methods of obs. 2—24832
negative, properties and reactions, review 2—21872
negatively charged atomic and molecular, production by Penning ion source 2—7895
open shell, self consistent calc. of dynamic polarizabilities and excited state wavefunctions 2—35123
organic chemistry, contrib. of electron spectroscopy 2—35297
plasma composition meas. using Langmuir probes from cross spectrum of thermal density fluctuations 2—12410
runaway in enhanced resistivity of Tokamak discharge 2—24843
self-focussing beam of ions and electrons, stationary states 2—21767
shell structure, theory and examples 2—21861
soft sphere parameters from Hartree-Fock-Slater calculations 2—38835
three- to ten-electron systems, second-order perturbation term in ionization potentials 2—35147
transport across biological-membrane 2—11198
valence orbital ionization potential, general evaluation formulas for $K(2)L(8)3s^23p^63d^\alpha4s^\beta4p^\gamma$ or $1s^22s^m2p^n$ configurations 2—11964
water cluster ions, detection in high latitude summer mesopause 2—16814
Be^{2+}, hyperpolarisability calc. 2—35182
CH_5^+, theoretical ^{13}C n.m.r. chemical shifts 2—24497
$C_2H_5^+$, theoretical ^{13}C n.m.r. chemical shifts 2—24497
$C_3H_7^+$ cations, geometries and energies, ab initio MO calculations 2—39001
CO_2^+, electronically excited, collisional deactivation rates 2—31877
Cl^-, Br^-, I^-, F^-, cross section of destruction and recharging in energy range 300-3000 eV 2—21864
Eu^{3+}, transition probabilities in phosphate glasses 2—29914
HD^+, electron impact dissociation, asymmetry in ang. distribution of fragments 2—3042
$H_3NCH_2COO^-$, valence force field and conformation 2—28379
$H_3O^+(H_2O)_n$, n=0-4, structures and energetics, ab initio MO calc. 2—24456
IO_2F^-, e.s.r. in γ-irrad. KIO_2F_2 cryst. 2—20142
Li like, electron correlation for ^2S and ^2P states 2—580
Li sequence, self consistent calc., of dynamic polarizabilities and excited state wavefunctions 2—35123
Li^+, hyperpolarisability calc. 2—35182
N^+, acceleration to 7.4 GeV in Princeton heavy ion accelerator, collisions with water vapour 2—38414
N^+, N_2^+, N_3^+, N_4^+, time dependence of number densities during decay of He-H plasma 2—24703
N^+ acceleration in bevatron 2—38415
N_2^+, electronically excited, collisional deactivation rates 2—31877
NH_4^+, rotational freedom in NH_4ClO_4 2—40675
Ne, continuous free-free absorption 2—15202

recombination
coefficient det., nonlinear initial-boundary value problem 2—24830
inCoulomb field in presence of scavenger 2—26371
L-cystine dihydrochloride, γ-irrad. cryst., photoinduced hole-electron recombination 2—22887
decay of weakly ionized plasma, in electrically conducting plasma, in longitudinal magnetic field 2—31952
deionisation of plasma dispersing in vacuum, distribution of charged particles 2—21759
dielectronic, effects of secondary autoionization, fe^{9+} to fe^{13+} 2—35155
electron-ion recombination and detachment processes 0-20 eV, studied in merging electron-ion beam expt. (MEIBE) 2—11438
electron-ion recombination coeff. during triple collisions in molecular gas 2—21873
in flames, rates and average lifetime meas. 2—5278
interstellar gas after ionization by supernovae 2—26754
negative absorption of light in dense ionised gas 2—35593
quasinormal thermal plasmas, radiation and collision processes 2—28524
radiative capture of electrons studied in a plasma 2—8466
radio recombination lines from H II regions, historical development 2—23067
stripper foils, multiple scattering of heavy ions 2—34362
time-dependent convection-diffusion equation, nonlinear initial boundary value problem 2—12452
total cross sections calc., absorbing sphere model 2—26328
total dielectronic recombination coefficient, rel. to Solar Corona 2—15502
volume recombination in stationary discharges 2—21875
Ar-electron coeff., obs. by probe method 2—24840
Ar, rate constant as function of temperature determ. by dual-frequency laser interferometry in corner expansion flow 2—3302
Ar, relaxation behind leading edge of reflected shock wave 2—39198
Ar plasma afterglow, highly ionized 2—24676
CO_2^+, electron-ion recombination, meas. in flowing afterglow 2—6108
CO_2^+, in He afterglow, prod. of $CO(\alpha^3\Pi)$ metastable state 2—8594
CO_2^+, meas. of coefficient in flowing afterglow following electron-positive ion collisions 2—12000
CO_2^+, with electrons in presence of CO_2, cross section calc. 2—12459
$CO^+ + e^-$ in CO flows meas. dissociate-recombination rate coefficient in electron temp. range 1200 to 6300K 2—18701

Ions continued
- **recombination** continued
  - $C^+ + e^- + e^-$ in CO flows, meas. three-body recombination rate coefficient in electron temp. range 1500 to 7000K 2—18701
  - Cl^-, Br^-, I^-, F^-, cross-section of recharging in energy range 300-3000 eV 2-21864
  - Cs afterglow, mechanism obs. 2—24841
  - Cs halides, in thermal negative ion emission from mixtures on Nb surface 2—22655
  - H, broadening of lines by electron collisions 2—37273
  - H recombination lines at 16.5 GHz in nebulae Orion A, W3, W49, W51 2—33617
  - H^+, collisional radiative recombination coeffs. in spark channels 2—12458
  - $H^- + e^-$, 0-20 eV, studied in merging electron-ion beam expt. (MEIBE) 2—11438
  - $H_2^+ + e^-$, 0-20 eV studied in merging electron-ion beam expt. (MEIBE) 2—11438
  - He afterglow, molecular ion dominated, recombination and ionization 2—28672
  - He plasma afterglow, highly ionized 2—24676
  - He recombining plasma, formation of He_2^+ by associative ionization 2—24672
  - He recombining plasma, spectroscopic study of early afterglow 2—24700
  - He_2^+, dissociative recombination of electrons 2—35259
  - HeI singlet spectrum in nebulae, calc. of recombination coeffs. and intensity ratios 2—26644
  - I ions, charge exchange in dense jet of CO_2 2—35581
  - I^{4+} to I^{18+} cross sections for electron capture and loss in N_2 and Ar 2—35580
  - Kr plasma afterglow, highly ionized 2—24676
  - Li plasma, rate calcs. 2—6105
  - N atoms on steel surface, effect of adsorbed gases 2—5802
  - N^+, cross section for electron capture in air and O_2 2—32115
  - N_2 gas, electron-ion recombination coeff., study by pulse radiolysis 2—39199
  - N_2^+, electron-ion recombination, meas. in flowing afterglow 2—6108
  - N_2^+, meas. of coefficient in flowing afterglow following electron-positive-ion collisions 2—12000
  - N_2^+ recombination with electron in electrical discharges 2—35275
  - NO^+, electron-ion recombination, meas. in flowing afterglow 2—6108
  - NO^+, meas. of coefficient in flowing afterglow following electron-positive ion collisions 2—12000
  - NO^+ coefficient, rel. to water cluster ions in ionospheric D-region 2—7338
  - Ne plasma afterglow, highly ionized 2—24676
  - O^+, cross section for electron capture in air and O_2 2—32115
  - O_2^+, meas. of coefficient in flowing afterglow following electron-positive ion collisions 2—12000
  - O_2^+, electron-ion recombination, meas. in flowing afterglow 2—6108
  - Ta, 4.5 K, spontaneous recombination rel. to Frenkel defects prod., electron irradiation expts. 2—22195
- **scattering**
  - amorphous solid, Monte Carlo simulations 2—17567
  - backscattered analysis as technique for study of surfaces 2—15653
  - gas, motion in nonuniform alternating elec. field 2—12456
  - mass spectrometer, gas scatt. as partial press. sensitivity limit 2—41404
  - reflection from solid surfaces, radiotracer technique meas. 2—7901
  - spectroscopy, surface composition analysis 2—20216
  - Ag, polycrystalline, Na, K, Kr ion refl. coeffs., electronic stopping, surface effects 2—7902
  - Au, polycrystalline, Na, K, Kr ion refl. coeffs., electronic stopping, surface effects 2—7902
  - Ge, amorphous, Na, K, Kr ion refl. coeffs., electronic stopping, surface effects 2—7902
  - ^{212}Pb, scattered on monotonic gases, cross section measured from distribution of α particle tracks 2—12015

Ions, electrolytic
- *see also Conductivity, electrical/liquids, electrolytic; Dissociation/electrolytic*
- aryl cations, substituted, electronic structures, INDO calculations 2-28346
- conductivity at infinite dilution, in electrolyte mixtures, calc. of coeff. of relaxation 2—7180
- counterions, effects on u.s. absorption in polyelectrolyte solutions 2—25079
- hydrated electron, semicontinuum model 2—1079
- ion carrier accelerometer calcs. 2—33382
- ion-exchange membranes, electroosmosis, hydrodynamic model 2—28829
- FHF- ion and its homologues, high-resolution n.m.r. 2—784
- ^{59}Fe self-diffusion in water solutions 2—32253
- Ga halides, hydration numbers 2—1120
- ^{52}Mn self-diffusion in water solutions 2—32253
- SO_4, viscosity independence of half-width of $\nu_1(A_1)$ Raman line 2—1100
- ^{85}Sr self-diffusion in water solutions 2—32253

Irasers *see Lasers*

Iridium
- (111) face, C adsorption, effect on surface ionization of CsCl molecules 2—21865
- atomic absorption spectrophotometry, air-C_2H_2 flame 2—1771
- de Haas-van Alphen effect 2—32877
- electrical and thermal conductivity, temp. depend. 2—29618
- film emitter, with C adsorbed on (111) face, characteristics obs. using thermoelectron emission and surface ionization 2—22363
- isotopes, neutron activation analysis using neutrons from $^9Be(\gamma,n)^8Be$ 2—1767
- lattice parameters, −189 to 1709°C, solid equation of state 2—19304
- optical coating, characterization in 500-2000 Å region, extreme u.v. reflectance spectrum 2—17719
- optical density curves in relation to exposure to ^{192}Ir and development times for two photographic films 2—8050
- radiation damage due to heavy ions 2—39673
- X-ray spectra, white line at L_{II} absorpt. edge 2—33297
- Ir(III)-C, dependence of thermoelectric current and In^+ current on degree of C coverage 2—9297

Iridium compounds
- iridates, pyrochlores, electronic characterization, cryst. chem. considerations, elec. and mag. meas. 2—10076
- Ag-(5 at.%) Ir alloy, evaporation, beta irradiation effect 2—28965
- CaO-IrO_2-Ir system, phase relatives in air 2—25620
- Cr-Ir dil. alloys, antiferromag. and elec. resist. 2—40546

Iridium compounds continued
- Fe-Ir-Pt alloys, appearance of ferromagnetism 2—40473
- Fe-Ir, dil. ferromag. alloy, n.m.r., Ir nuclei electric quadrupole interactions 2—20160
- Fe-Ir, dilute ferromag., isotope pair struct. anomalies, n.m.r. 2—20159
- Fe-Ir dilute alloy, hyperfine field at Fe atoms, temp. depend. 2—16436
- $Fe_{65}(Pt_xIr_{1-x})_{35}$, f.c.c. alloy, mag. props., temp. and comp. effects 2—29817
- FeRhIr alloy, magnetic transitions, pressure dependence 2—4374
- Ir-Fe alloy, nuclear gamma resonance study, hyperfine field measurements, conc. effects 2—19979
- Ir-La alloy, elec. and thermal cond., temp. depend. 2—29618
- Ir-Mn-Al alloy, cryst. struct., mag. props. 2—22160
- Ir-Mn-Sb alloy, cryst. struct., mag. props. 2—22160
- Ir-Ni alloy, nuclear gamma resonance study, hyperfine field measurements, conc. effects 2—19979
- Ir-Pd alloy, thermoelec. power, 4-300K 2—40373
- Ir-Pt, Ir-Rh solid solution alloys, shape of field ion image points, halo effect 2—12963
- Ir-V, alloy, dilate, mag. susceptibility, Knight shift 2—19836
- Ir (III) compleses, modulation of $(dl\pi^*)$-$(\pi$-$\pi z2u)$ configuration interaction, by solvent effects, luminescent state prod. 2—12157
- Ir complexes, hexahalometalate complexes, vibrational spectra, force constant calc. 2—16546
- Ir(III) complexes, comparison of $n\pi^*$-$\pi\pi^*$ interactions with $d\pi^*$-$\pi\pi^*$ interactions in aromatics 2—35300
- Ir(III) complexes, luminesc., emission lifetimes, quantum yields 2—26223
- Ir(III) complexes, trigonal MS_6 type, MCD spectra 2—12161
- Ir_2MnAl alloy, cryst. struct., mag. props. 2—22160
- Ir_2MnGa, cryst. struct. and mag. props. 2—33134
- $Ir_{0.92}Mn_{1.16}Sb_{0.92}$, cryst. struct. and mag. props. 2—33134
- Mo-Ir alloys, spin fluctuation effects on supercond. 2—19600
- Ni-Ir, dil. ferromag. alloy, n.m.r., Ir nuclei electric quadrupole interactions 2—20160
- Ni-Ir, dilute ferromag., isotope pair struct. anomalies, n.m.r. 2—20159
- Pt-Ir alloy, Mossbauer effect and n.m.r., ^{195}Pt and ^{193}Ir 2—26306
- Ru-Ir alloys, spin fluctuation effects on supercond. 2—19600

Iron
- α-iron, Debye-Waller factor, temp. dependence, theory 2—6649
- α-phase, frequency/wave vector dispersion relations for normal modes of vibration 2—22384
- μ mesons with momentum 30 GeV/c in Fe: focusing properties and transport with energy decrease 2—21023
- activator of thermolum. $Li_2B_4O_7$ 2—27900
- adhesion, friction, wear, lubrication, obs. by LEED, Auger spectroscopy and microcontact studies 2—39848
- adhesion of metals to clean surface, LEED and Auger spectroscopy study 2—39974
- adsorption of N_2/H_2 mixture on reduced catalyst 2—30061
- adsorption of S, struct. study using LEED 2—6359
- analysis by nuclear reactions, detect. of trace quantities of C, N and O 2—40859
- arc, welding optical investigation of radial distribution of temperature and electrical conductivity of plasma 2—1017
- armaco, diffusion of H, under low temp. plasma conditions, meas. apparatus 2—36077
- Armco, crystal, tension deformation, elastic limit, yield stress 2—15835
- in atmospheric air, det. from Mossbauer spectra 2—1842
- atom, ion formation by charge transfer 2—5840
- atom, oscillator strengths det. from anomalous dispersion of shock heated gases 2—18304
- atom, X-ray K-fluoresc. yields 2—8443
- atomic collision with Ar ions, radiative transitions between quasimolecular levels 2—28215
- atomic spectral line intensities, dependence on temp. of CaF_2-Al_2O_3 fused systems 2—40849
- atoms, collisions with 30 MeV O^{5+}, multiple inner shell ionization, K_α spectrum 2—665
- atoms, relativistic HFS calcs. of electronic levels and equation of state for arbitrary temp. and matter density 2—28185
- atoms, soft X-ray spectra, classification 2—5786
- austenite, solubility and precipitation of NbC, impurity addition effects 2—12962
- band struct., H-NFE-TB represent., basis functions and matrix elements 2—16113
- band struct. and high temp. thermal and elec. cond. 2—40174
- bonding strength with Cu plating 2—19292
- in brine, atomic absorption spectroscopy obs. 2—10661
- butt joints, impact strength at −20°C 2—3889
- carbonyl, annealing, deformation, H permeability, 100-650°C 2—29218
- cast, white and grey, thin foil irrad., extraction replica prod., electron microscope obs. 2—32456
- cast iron, grey, parametric characteristics of mechanical resistance 2—1273
- catalyst, CO decomp., inhibition, rel. to nuclear reactor coolant props. 2—4577
- cathode, vacuum breakdown, influence of non-metallic inclusions and thin films in micro-regions 2—21888
- cavitating effect of cryogenic liqs. 2—39915
- cementation, by C and N_2, diffusion layer production 2—9274
- charge and spin perturbation around nonmag. impurities, Mossbauer and n.m.r. obs. 2—22740
- chrome aluminizing, joint diffusion of elements 2—3929
- Compton profile due to 1s electrons 2—24340
- creep, high temp., effect of oxidation 2—12869
- crystal, reactivation of mechanical aftereffect by discontinuous change of external mag. field 2—25473
- crystal, work hardening by cyclic changes of strain rate 2—19244
- crystal X-ray anal., effect of energy of exciting protons on ratio of intensities of characteristic and scattered radiation 2—40854
- cyclic stressing, by 20 kHz u.s. waves, for testing and quality control 2—19233
- deformation, rupture and fatigue testing, Al particles effect 2—9693
- deformation twin bands, strain distrib. 2—29188
- deformed, dislocation structs., HVEM analysis 2—39696
- diffusion in Si, coeff. determ. 2—1533
- diffusion of Cu, grain-boundary, mechanism diffusion coefficient, Fick's first law 2—1271
- diffusion of H_2, effect of microvoids 2—39723
- diffusion of H, influence of cavities 2—6514

- **Iron** continued
  - diffusion of P, grain boundary, effects of C 2—22249
  - domain and wall hyperfine fields 2—19985
  - domain structure in remanent condition, tensile stress., effects. elastic deformation range 2—19865
  - ductile brittle transition, effect of added nitrogen 2—25503
  - electrolytic SRM 734, thermal cond. low temp. standard reference data 2—40090
  - electron energy loss spectra, low energy peaks, oxide effects 2—29583
  - electronic state in haemoglobin myoglobin and derivatives determ. from X-ray fluorescence spectra 2—24558
  - energy loss and straggling of 0.6 to 2.0 MeV protons, meas. by gamma resonance shift method 2—4088
  - e.s.r. spectrum in alum 2—7115
  - F-type supergiants, OI, Fe I and Fe II spectra, microturbulence 2—30458
  - fast neutron irradiation, resist. recombination volume 2—25763
  - fatigue, use of high power ultrasonics 2—36185
  - fatigue at liq. He temps. 2—19200
  - α-Fe:C, magnetic after-effect 2—2336
  - α-Fe, absorpt. spectra, self-absorpt., theoretical forms of emission L_{III} bands 2—16489
  - Fe II Nova Delphini 1967 nebula, permitted line weakening in spectral range 5600 to 8800 Angstroms 2—13911
  - ferromagnet, de Haas-van Alphen effect 2—25753
  - film, adsorption of oxygen, surface potential study 2—12683
  - film, electrodeposited, coercive force, effect of fine cryst. struct. 2—19894
  - film, electrodeposited, grain size and coercive force, effect of thiourea 2—25198
  - film, electrodeposited, mag. props., effect of S- containing cpds. 2—19895
  - film, epitaxial, inclined 90° mag. domain walls, Lorentz microscopy obs. 2—13408
  - film, f.c.c.-b.c.c. transform., stress effects 2—9803
  - film, ferromag., texture and internal stress effects on perpendicular anisotropy 2—6982
  - film, Mossbauer spectra, analysis, thickness 1-42 Å, 15-350 K 2—40626
  - film, physical adsorption of Xe, surface pot., surface roughness effect 2—9315
  - film, physical adsorption of Xe, surface pot., surface roughness effect 2—9315
  - film, single cryst., oxidation, isolated oxide grains, elec. microscope obs. 2—9273
  - film transverse Procopiu effect cylindrical films 2—26052
  - grain size dependence of plane strain fracture toughness, K_{Ic} 2—15864
  - hardness-flow stress-grain-size relationship 2—22289
  - heat of sublimation, mass spectrometric obs. 2—36351
  - heat treatment, dislocation density 2—19242
  - high velocity impact, investigation of temperature increases 2—9645
  - hyperfine fields origin and ferromagnetism 2—1612
  - internal friction of different specimens as function of alternating mag. field in phase with applied stress 2—39766
  - ion bombardment, depth distrib. of energy deposition by Fe^+ 2—6475
  - ion channelling and lattice location of Xe implants 2—9907
  - ions, charge transfer collisions with inert gas atoms, cross section meas. 2—5839
  - i.r. absorptivities at room and liquid He temperatures, derived from reflectivity measurements 2—26106
  - liquid, diffusion of hydrogen, effect of impurities 2—25063
  - liquid, solubility of N and C, scaled particle theory 2—21965
  - liquid, thermal expansion meas., 1833-2023K 2—28833
  - liquid, viscosity and density, anomalous change at 1610°C 2—28805
  - liquid ferrous metals, MHD pump operating characteristics in braking regime 2—8898
  - magnetic domain walls, zone melted crystal X-ray topography obs. 2—10197
  - magnetic hyperfine fields at ^{204}Bi 2—29858
  - magnetic loss versus temperature curves, local extrema 2—19878
  - magnetic ordering, intermediate stage 2—13371
  - magnetized, for muon guide, identification of intermediate bosons 2—14883
  - magnetized cryst., interference between nucl. resonant and Rayleigh Thomson scatt. 2—29883
  - meteorites, cooling rates, equation for det. from Goldstein Short graph 2—11016
  - meteorites, defect struct., electron microscope obs. 2—3709
  - meteorites, discovery of CrN, carlsbergite 2—11022
  - meteorites, formation, model 2—1999
  - meteorites, Sikhote-Alin shower 2—11015
  - molten, wetting of MgO, Al_2O_3 and SiO_2 2—3496
  - Mossbauer effect, anharmonic and mag. ordering contrib. 2—40625
  - Mossbauer effect, energy shift temp. and pressure depend. for ^{57}Fe 2—36325
  - Mossbauer effect, second order Doppler shift elimination 2—36831
  - Mossbauer spectroscopy technique for Fe bearing material 2—16430
  - neutral atom, photoionization cross section calc. for photon energies from threshold to 10 keV 2—11976
  - neutron irrad., vacancy prod. rate 2—12744
  - neutron transport in bulk assemblies, experimental and analytical studies 2—28112
  - nitrided, ductile-brittle transition, N_2 and annealing depend. 2—15836
  - n.m.r., single and multiple passage studies of ^{60}Co 2—1734
  - n.m.r. of ^{57}Co, radiative detection using Mossbauer effect 2—26301
  - notched, embrittlement by liq. Cu, creep fracture, crack growth, 1373-1403K 2—12897
  - nuclear relax. of ^{57}Fe, high-field obs. 2—40579
  - oscillator strengths and f-values, arc meas. 2—35139
  - oxidation process, Mossbauer obs. 2—40813
  - phase transform $\gamma\to\alpha$, temp. rel.to cooling rate 2—19297
  - photoabsorption cross sections calcs. 2—22779
  - plastic deform., mag. fields effects 2—32603
  - plastic deformation, changes in thermo e.m.f. resistivity and X-ray spectra 2—3865
  - plastic zone around fatigue cracks 2—39782
  - pole piece, influence of material on performance of beta-ray spectrometers 2—14749
  - polycrystal, pure, hydrostatic pressure effects on flow stress 2—39801
  - polycrystalline, elec. conductivity, temp. depend., 4-300K 2—29617
  - polycrystalline, stain amplitude dependent damping. function of grain size 2—3843
  - polymorph form. under h.p. 2—33821
  - porous, hydraulic resist. determ. 2—29456

- **Iron** continued
  - powder, friction and slip resist. 2—12920
  - powder, hot pressing, supersonic oscillation effect 2—15923
  - powder, mixture with C, reflection coefficient, comp. depend. 2—33207
  - powder, oxygen content determ. by neutron activation anal. 2—16716
  - powder, pore struct. and compressibility 2—39958
  - powder, vacuum hot pressing, effect of u.s. waves 2—1347
  - powder, X-ray line-broadening study 2—3706
  - powder pressing, effect of press. and temp. 2—3972
  - primary recrystallization texture of annealed. laminated, twisted monocrystals 2—15901
  - shock melting and vaporization 2—39420
  - sintered, stress-strain curve rel. to degree of deform. 2—19172
  - solar abundance, remarks on 1969 revision 2—4999
  - solar curves of growth, revised gf scale 2—33761
  - solar flare spectral lines 2—2001
  - solar X-ray spectrum, Compton backscattering 2—11065
  - spectrochemical analysis for Co, interferences 2—10668
  - spin polarization and spin fluctuation interactions 2—40440
  - sputtering, reactive, in Ar-O_2 mixtures, molecular sputtering mode obs. 2—1012
  - sputtering by fast neutrons 2—40107
  - stellar overabundances, weak s-process irradiations 2—33633
  - stopping powers for fission fragment transmission 2—1446
  - surface, intensities of Auger lines excited by electron and X-ray irrad. 2—12638
  - surface electron structure, positron annihilation obs. 2—36419
  - surface reactions, O_2-H_2 radicals, low pressure discharges 2—35620
  - surface studies, combined Auger and charact. loss. spectra obs. 2—3484
  - suspension in toluene, dispersion by electro-condensation, magnetic properties 2—28908
  - thermal emissivity near Curie temperature 2—1440
  - thin film, electrodeposited, internal stresses meas. device 2—39508
  - two dimensional Hall effect 2—16136
  - whisker, domain nucleation field, tensile stress effect 2—13392
  - whisker, lattice distortion around edges, X-ray topographic obs. 2—18951
  - whisker, magnetiz. processes and eddy currents 2—36711
  - whiskers, domain configurations, Bloch walls and magnetization processes from d.c. to 200 kHz 2—36700
  - white cast, annealing, graphitization, module nucleation 2—15907
  - wire, Procopiu effect 2—10218
  - work function changes in α-γ transform. region 2—1587
  - X-ray L_{III} spectra, density of states of outer levels, line intensities 2—36915
  - X-ray spectra, fine struct. in K-lines 2—4467
  - yield point, temp. depend., after high press. treatment 2—19182
  - in Cr, effect on Neel temp. 2—19923
  - EuO:Fe, Eu films, chemical stability obs., application to beam-addressable memory 2—26049
  - α-FE, 650-850C, transmission electron microscopy study of dislocation structure development 2—3779
  - Fe^{3+}:Ag^{3+} centres in CdS, e.p.r. 2—33338
  - Fe:B, channelling, interstitial impurity location technique 2—36051
  - α-Fe:C, interstitial, defect calculations 2—22193
  - Fe:^{103}Rh, transient field study 2—7025
  - Fe/H abundance ratios from eight-colour intermediate band photometric system for stellar spectra 2—37293
  - Fe/H ratio in F dwarfs in Coma open cluster 2—4893
  - Fe/He ratio enhancement during solar flares due to preferential acceleration 2—26897
  - Fe-Ni magnetic films, vacuum deposited on glass, photography using i.r. laser pulses 2—27683
  - Fe-Zn diffusion couple, intermetallic phase form. 2—29390
  - α-Fe, age hardening rel. to quenching rate 2—22328
  - α-Fe, cleavage fracture initiation and propagation, twin intersection 2—12883
  - α-Fe, deformed, grain growth rates 2—39924
  - α-Fe, diffusion, segregation, of radioactive S, scanning microscope microautoradiograph obs. 2—12809
  - αFe, diffusion of Al, Si and As, conc., depend., 800-1300°C 2—12805
  - α-Fe, diffusion of Sn, Arrhenius law deviation, Curie pt. phenomena 2—39728
  - α-Fe, dynamic crowdions interaction with vacancies 2—9542
  - α-Fe, fatigue failure, intergranular fatigue cavitation at elevated temps. 2—25515
  - α—Fe, intergranular diffusion of P 2—12807
  - α-Fe, isotope effect for self-diffusion and correl. factor of solute diffusion 2—25468
  - α-Fe, modification of Johnson potential 2—39568
  - α-Fe, pure, artificially shock loaded, defect struct., electron microscope obs. 2—3709
  - α-Fe, steady state creep rate, stress depend., dislocation dynamics 2—25408
  - α-Fe, thermal desorption of Na and K 2—32393
  - α-Fe, volume change assoc. with noncubic defects 2—3765
  - α-Fe, yield, flow stresses, grain size dependence, dislocation model 2—3854
  - α-Fe Arrhenius law parameters for C Snoek relax. 2—3849
  - Fe I, 5250.2 and 5225.5 angstroms, magnetic field and turbulence study in sunspots 2—11107
  - Fe I, Fe II, oscillator strength obs. using shock tube emission spectroscopy 2—18280
  - Fe I, Fe II, turbulent velocities in HD92207, HD100262, HD125835, HD161912 2—7403
  - Fe I and Fe II lines in sunspots, fine structure of Evershed effect and velocity measurements 2—37407
  - Fe I and II lines in Populations I and II stars, determination of surface temperatures and curves of growth 2—30442
  - Fe I excitation temp. by curve of growth in late G- and K-giant atmospheres 2—26660
  - Fe I fluorescent emission, long period variable stars 2—37295
  - Fe I line at 6302.5A, magneto-optical effects on circular polarization in sunspots 2—17080
  - Fe II, u.v. spectrometry experiment on Mariner 9 for early type stars 2—37300
  - Fe II forbidden lines in spectra of long period variable stars near minimum light 2—13895
  - α-Fe single crystal, creep, under low stresses 2—12870
  - α-Fe surface, (111), (100) and (110), LEED 2—6329
  - α-Fe surface, diffusion layer form. by metal-gas interaction 2—39458

Iron continued
Fe X-XV lines, solar coronal enhancements, temperature and electron density 2—37421
Fe XI to XV, classification of emission lines from $3s^2\ 3p^n$-$3s\ 3p^{n+1}$ and $3p^n$-$^3p^{n-1}3d$ transitions 2—2936
Fe XII emission line data, enhanced solar coronal region, electron densities 2—17094
Fe XIII, Fe XIV, fine structure transitions, proton induced, cross sections 2—35160
Fe XIII in solar corona, i.r. lines, intensity meas. 2—41251
Fe XIV/Fe X in NGC 4151, evidence for hot Seyfert winds 2—33607
Fe XIV, XV, XVI, identifications in the extreme u.v. in a solar flare 2—26915
Fe XV, collision strengths for transitions in first four configs., DWBA 2—11050
Fe XVI, relativistic corrections to ionization energies and dipole oscillator strengths 2—8445
Fe XVII, transition probabilities in intermediate coupling and configuration mixing 2—5787
Fe XXIV soft X-ray line emission during solar flares 2—30608
Fe^+, ionospheric, rel. to equatorial spread F 2—20416
Fe^{2+}, in AgBr(Cl), near i.r. absorpt., Jahn-Teller effect 2—40657
Fe^{2+}, in CdSe, photoionization absorp. spectra 2—10373
Fe^{2+}, in CdTe, phonon conductivity 2—40029
Fe^{2+} diffusion in garnets 2—39731
Fe^{2+} in MgO, spin-phonon interaction contrib. 2—6676
Fe^{2+} in MnF_2, localized mag. mode 2—40555
Fe^{3+}, e.p.r. in CaF_2, cubic symmetry, spin parameters 2—1727
Fe^{3+}, e.p.r. in $LiNbO_3$ 2—30011
Fe^{3+}, effect on cryst. growth of calcium tartrate in gels 2—15685
Fe^{3+}, in $KMg_3FeSi_3O_{10}(OH)_2$, synthetic ferriphlogopite, Mossbauer parameters 2—10327
Fe^{3+}, in quartz, optical absorp. 2—3806
Fe^{3+}, spin-lattice relax. in corundum, temp. and conc. depend. 2—26079
Fe^{3+} e.p.r. in Al_2O_3, linewidth temp. depend. 2—10493
Fe^{3+} in Al_2O_3, spin-lattice relax. 2—13423
Fe^{3+} in $KMnF_3$, e.s.r./ENDOR, hyperfine interactions 2—20144
Fe^{3+} in $LiAl_5O_8$, fluoresc. and excitation spectra 2—36945
Fe^{3+} in NaCl, e.s.r. lines due to Fe_2O_3 agglomerates 2—10515
fe^{9+} to fe^{13+}, secondary autoionization on dielectronic recombination 2—35155
FeVII, FeX, FeXI Nova Delphini 1967 nebula, forbidden transitions increased stability in spectral range 5600 to 8800 Angstroms 2—13911
^{56}Fe, abundance on surface of magnetic neutron stars 2—30477
^{59}Fe, radioactive source preparation by electrodeposition on thin metallized plastic films 2—5673
^{59}Fe self-diffusion in water solutions 2—32253
$Fe+N_2$, O_2 reactions, ionization and spectral emission at simulated meteor conditions 2—33752
$Fe+O_2 \rightarrow FeO+O$, homogeneous gas phase reaction studied in N_2 bath at 1600 K using alumina fast-flow reactor in vacuum furnace 2—33367
$Fe+O_2 \rightarrow FeO+O$, reaction rate studied 2—35247
GaAs:Zn,Fe, impurity interactions at m.p., calc. 2—29667
inGd, effect on microhardness 2—29337
Ge:Fe, excited by laser rad., electron-hole recomb. at deep impurity centres 2—22558
$KZnF_3$:Fe, ENDOR and e.s.r., Fe^{3+} (K^+ vacancy) centre obs. 2—36986
MnF_2:Fe, antiferromag., impurity mode energy calc. 2—16562
Pd-Si: Fe, Cr, elec. resistivity, magnetic, and magnetoresistance, rel. to Kondo effect 2—25768
n-Si:P,Fe, vacancy-interstitial interaction 2—6485
n-Si-Fe, recombination at Fe atoms and thermally generated lattice defects 2—36549
Si-Fe p-n junction, switching behaviour, lifetime and photoeffect obs. 2—33029
SnO_2:Fe^{3+}, superhyperfine interactions, ENDOR study 2—22847

Iron alloys
see also Iron compounds; Steel
ageing effect on props. struct. and phase comp. 2—1353
annealing δ-ferrite, high temp. equilib. struct. 2—15964
Armco, changes in micro hardness in presence of surface active medium 2—3914
Armco, cyclic bending, microstructure, absorptional fatigue 2—29300
Armco, Hall coeff. and resist., effect of plastic deform. 2—22492
Armco, local pulse heating, microhardness, struct. changes 2—39846
Armco, thermal cond. reference material and model 2—19458
cast, after low temp. cyaniding, carbonitride case struct. 2—36245
cast, crazing phenomena testing apparatus 2—1314
cast, deformation heat treatment for dimens. stabilization of parts 2—36205
cast, ductile-brittle transition temp. heat treatment depend 2—39832
cast, laboratory scale melting and solidification method 2—35818
cast, rupture surface microstructure, electron microscope examination 2—39812
cast, specimen prep. for graphite distrib. assessment 2—19051
cast, spheroidal graphite, wear mechanism in dry sliding 2—22296
cast, wear resist., effect of sulphurized surface layer 2—12915
cast iron, effect of O, S and trace elements 2—12970
cast iron, phase location determ. using combined microprobe analysis and colour etching 2—36227
cavitation corrosion, electrochemical processes 2—33380
creep and stress relaxation, low temp. 2—36129
dilute, Mossbauer effect, h.f.s., anomalous temp. depend. of impurity moment 2—22739
electron-microprobe analysis, low C content determ. 2—37069
Elinvar, Young's modulus, effect of tempering 2—12823
Elinvar film, domain struct. and remagnetization process 2—13406
Fe-Mn, shock loaded, twins, electron microscopy 2—9744
Fe-Ni films, exchange stiffness const. 2—19897
ferromagnetic, relation between magnetic viscosity field and induced anisotropy energy 2—36705
fracture, low temp., microstruct. effects, meeting report 2—32646
graphite precipitate, formation and spatial configuration 2—15908
Hastelloy X, cyclic oxidation kinetics, 760-1200°C 2—40814
hyperfine field, temp. dependence near 3d impurities, Mossbauer and NMR methods 2—13443
Incoloy 800, rupture and creep, He environmental effects 2—12871
Inconel 600, explosive shock deformation, thermal recovery 2—9656
Inconel 600 heat exchanger tubing, stress assisted corrosion in high temp. water 2—11909

Iron alloys continued
Inconel 700 alloy, γ' precip. growth on ageing 2—39986
Inconel 706, heat treatment, props. and fabricability 2—29395
Inconel 718, thermal cond., 90 to 1200 K 2—19442
Inconel X750, intergranular stress corrosion cracking in pressurized water 2—11910
Invar, γ-phase stability, effect of alloying additions 2—36281
invar, ΔE effect, E=Young's modulus, variation with temp. 2—33145
invar, ΔE magnetovolume effect, Weiss two γ-states treatment 2—33146
Invar, anomalous props., Mossbauer obs. 2—33221
Invar, antiferromag., susceptibility, temp. depend. 2—16397
Invar, high field susceptibility, temp. and conc. depend. 2—4371
Invar, internal friction in alternating mag. field 2—12834
Invar, mag. internal friction peak, -20°C 2—12833
Invar, thermal expansion, 4.2-300K effect of heat treatment conditions 2—36355
Invar films, spin wave reson., dispersion coeff. obs. 2—40744
liquid, mag. susceptibility maxima, Curie-Weiss law 2—39389
magnet design, Fe-Ni alloy 2—6960
magnetomechanical damping, model obs. 2—26044
martensite, newly heat-treated from Fe-Ni-C, peak in internal friction 2—39765
martensite recovery, Mossbauer obs. of carbide particles 2—10320
martensite transform., shape strains in deform. of lattice 2—29259
martensitic transformation, elec. resist. and magnetization study 2—39987
molten, solubility of nitrogen 2—9767
permalloy, film, electro-deposited, time instability 2—10222
Permalloy cct. elements, magnetiz. 2—36713
Permalloy film, ferromag. reson. linewidth, temp. depend. 2—40743
Permalloy film, intrinsic ferromag. reson. linewidth 2—20126
permalloy film, magnetization reversal, stray field blocking, rotational hysteresis 2—4393
permalloy film, spin-wave resonance fields, linewidths and intensities 2—13527
Permalloy film, vacuum-deposited, mechanism of internal stress form. 2—39516
Permalloy films, mag. domain patterns after plastic deform. 2—40508
Permalloy films, magnetostatic interaction of mosaic struct. elements 2—40505
Permalloy films, spin wave reson. linewidth depend. on thickness 2—7111
Permalloy thin films, magnetic anisotropy in local regions, by Lorentz microscopy 2—13409
permanent magnet materials characterization 2—40514
Pyromet 860, precip. strengthening, effect of Ti and Al content 2—29394
rare earth Laves phases, $PrFe_2$, $NdFe_2$, $YbFe_2$, synthesis 2—22343
spin-lattice relaxation time, of dil. Fe-transition metal alloys 2—19932
stainless steel, shock loading, recovery and recrystallization 2—9657
stainless steel, type 304, residual microstructure, explosive shock 2—9655
steel, austenitic stainless, correlation between strain hardening parameters and dislocation substruct. 2—32703
steel, hardened, mech. of delayed propagation of cracks 2—32650
steel, martensitic, High C, carbide precipitate crystal structure and morphology 2—32725
steel, SM50, low cycle fatigue tests 2—36146
steel, stainless, 17-4 PH, behaviour of weld heat affected zones 2—29410
steel, stainless foil, deformed, quadrupole splitting, Mossbauer obs. 2—36840
superalloy, thermal cond., 90 to 700 K 2—19442
superalloys, microstruct. and mech. props., review 2—29437
Supermendur, anomalous Barkhausen effect, magnetization and core loss, high temp. cycling obs. 2—1630
Ticonal, conjugation of metastable phases 2—12976
Vicalloy, domain struct. change during partial hysteresis cycle 2—13388
Al-Fe-Ni:(Mg,Cr,Mn) nuclear reactor material, resistance to water corrosion, 220°-315°C, comp. depend. 2—13581
Al-Fe-Si, cast, segregation of Fe and Si 2—15957
Al-Fe, dil., supercond. transition temp., conc. depend. 2—16175
Al-0.05%Fe, grain boundary sliding in presence of second phase particles 2—32605
Al-Zn-Fe, clustering and solute-vacancy interactions, elec. resistivity obs. 2—32693
Au-Fe, (1-22 at.%Fe), mag. ordering conc. depend. 2—16367
Au-Fe, dil., mag. susceptibility and low temp. sp. ht. 2—19827
Au-Fe, dil., magnetiz., spin fluctuation model 2—22685
Au-Fe, liq., mag. susceptibility, temp. and conc. depend. 2—15611
Au-Fe, mictomagnetism 2—40461
Au-Fe dil., high temperature susceptibility in mean-random-field approx. 2—19824
Au-Fe solid soln., solute clustering and mag. order 2—19828
Be-1%Fe, effects of mech. strain, Mossbauer obs. 2—32722
Co-Fe-Nb, cold drawn, annealed, hardness, coercive force, magnetization 2—1625
Co-Fe-Ni/NbC(TaC) fibre reinforced eutectic systems, directional solidification, sogt magnet 2—3438
Co-Fe-No-Nb, semihard mag., for remanent reed switch applics. 2—40463
Co-Fe, cryst. growth, suppression of striations 2—25268
Co-Fe, elastic moduli 2—39757
Co-Fe, ferromag., conc. depend. of av. mag. moment, Ising model calc. 2—16351
Co-Fe, neutron scattering by spin waves, effect of phonon scattering 2—29808
Co-Ti-Fe, precip. of γ'-Co_3Ti 2—9797
Cr-Fe-Mn, antiferromag. b.c.c. phase, Invar property 2—36354
Cr-Fe-Ni particles, lattice parameters 2—12721
Cr-Fe, dil., hyperfine fields, Mossbauer obs. 2—40622
Cr-Fe, dil., localized impurity influence on spin density wave 2—16388
Cr-Fe, dilute, Mossbauer obs. in mag. field 2—10321
Cr-Fe alloys, effect of pressure and alloying on itinerant antiferromagnetic ordering 2—36759
Cr_xM_{1-x}—M_x—$Cr_{1-x}C_3$, (M=Fe, Co, Ni), eutectic, directional solidification, feathered morphology 2—3441
Cu-Al-Fe, superplastic, high temp. tensile testing 2—15832
Cu-Al-Fe, superplasticity, rel. to microstructure 2—32606
Cu-Fe-S-O, phase equilibria, from 3-component phase diagrams 2—4012
Cu-Fe, dil., far-i.r. surface resist. 2—40172
Cu-Fe, dil., films, Kondo effect 2—32917
Cu-Fe, dil., high-field magnetiz. of interacting mag. moments 2—40467
Cu-Fe, dil., Kondo effect, neutron diffr. obs. 2—19826
Cu-Fe, dil., localized moments, temp. depend. 2—40466
Cu-Fe, dil., n.m.r. and spin-lattice relax., Kondo effect 2—36657

Iron alloys continued
Cu-Fe, dil., nucl. spin-lattice relax. 2—36785
Cu-Fe, dilute, low temp. elec. resistivity rel. to simple powers of T in Kondo effect 2—29614
Cu-Fe, dilute, nuclear relax. rates temp. depend. above Kondo temp. 2—7004
Cu-Fe, mag. and struct. transforms. of Fe precipitates 2—39981
Cu-Fe films, mag. props. 2—10243
Cu-Ni-Fe, spinodal, microstruct. changes on fracture 2—9685
CuAlFe system. Kondo temp., thermoelec. power, temp. and comp. depend. 2—25946
Cu_3Au:Fe atom ordering, electron struct. elec. resist., mag. susceptibility 2—9921
$Cu_{95}Au_5$-Fe Kondo system, mag. field depreciation 2—36444
CuFe, dil., press. effect on Kondo temp. 2—19545
CuFe thermal expansion coefficient at 283 K 2—16049
Fe:Si, film, thickness rel. to domain struct. and mag. props. 2—16368
Fe-7.8 wt % Cr, microstruct., transform., precip.. potentiokinetic obs. 2—29431
Fe-Al-Cr. oxidation resist. and mech. props., effect of Ti and Mo 2—29430
Fe-Al-Cr, permeability of H_2, 300-700°C, oxide film effect 2—29216
Fe-Al-Si. fine structure. X-ray obs. 2—9470
Fe-Al, av. magnetiz., and Fe moment 2—4343
Fe-Al, β-phase, mag. props. 2—1629
Fe-Al, dil., hyperfine field at Fe atoms, temp. depend. 2—16437
Fe-Al, disordered, induced uniaxial mag. anisotropy 2—4373
Fe-Al, dry and lubricated, influence of Al on friction and wear 2—12916
Fe-Al, Fe-Ga temp. depend. of hyperfine field at Fe atom, Mossbauer obs. 2—33222
Fe-Al, high-field depend. of magnetization 2—40480
Fe-Al, influence of mech. and thermal processing on mag. props. 2—6980
Fe-Al, mag. loss vs. temp. curves 2—19878
Fe-Al, ordered, vacancy elimination due to linear defect form. 2—39695
Fe-7 wt.% Si, evidence for {112} slip planes 2—39704
Fe-Al, quenching in of disorder by laser pulse heating, limitations 2—19310
Fe-Al, reacting with various gases to form layer on steel 2—39927
Fe-Al, surface segregation, adhesion, friction 2—22303
Fe-Al, system in Al vapour, interdiffusion in α-solid solution 2—3810
Fe-Al disloc. and antiphase boundaries, elec. microscope obs. 2—25406
Fe-Al solid solution, tempering. short range order 2—22324
Fe-Al(Mo), dilute, Mossbauer spectrum resolution improvement. Fourier transform. method 2—29889
Fe-Al(Ni), stress corrosion cracking mechanism 2—6574
Fe-Al_2O_3. dispersion hardened, plastic deformation at elevated temp. 2—9658
Fe-B-N, precip. rel. to formability and texture 2—32728
Fe-C-Si, non-eutectic solidification 2—28948
Fe-C, annealed, cracking rel. to temp. and H_2 partial press. 2—36173
Fe-C, Ar ion bombardment, secondary ion emission, mass spectra 2—4329
Fe-C, brittle fracture initiation. carbide particle size effects 2—39823
Fe-C, Fe-C-Cr and Fe-C-Si alloys primary graphite obs. by thermal differential analysis 2—6615
Fe-C, H_2 diffusion and embrittlement, comp. depend 2—12899
Fe-C, martensitic and massive transform. temps. rel. to C content 2—22360
Fe-C, polycryst.. fracture toughness rel. to C content 2—29285
Fe-C, precipitation, nonisothermal conditions 2—9811
Fe-C, precipitation stages 2—15963
α-Fe-C, solid soln., Snoek peak relaxation strength, dipolar strength, orientation depend. 2—6527
Fe-C, solute activity and solubility in various irons 2—25585
Fe-5-13 at.%Si, ordering, struct. singularities. X-ray obs. 2—29429
Fe-C, specific resist., second phase formation and solution kinetics 2—29428
Fe-C, tempered, C distribution, mag. and dilatometric analysis 2—3928
Fe-C system, microstructure stability during cyclic deformation 2—32724
Fe-Co-C system. austenite phase, C activity Co effects 2—40006
Fe-Co-Ge, mag. hyperfine spectra, Mossbauer obs. 2—40620
Fe-Co-V. effect of original Fe purity on mag. props. 2—36238
Fe-Co-V. hot drawing, dislocation movement, electron microscopy 2—9780
Fe-Co-V, order-disorder, long range ordering kinetics 2—29487
Fe-Co-V system, plastic deformation, $\gamma\rightarrow\alpha$ phase transformation, omnidirectional press. effect 2—9806
Fe-Co, bonding and ordered state formation, X-ray spectral investigation of electronic energy spectrum 2—36920
Fe-Co, diffusion of Co, effects of α-γ, order- disorder, and para-ferromag. transitions 2—39741
Fe-Co, dil., hyperfine field distrib., Mossbauer and n.m.r. study 2—13448
Fe-Co, dil., hyperfine field at Fe atoms, temp. depend. 2—13449
Fe-Co, dil., spin-lattice relax. of ^{59}Co 2—33180
Fe-Co, order-disorder, long range ordering kinetics 2—29487
Fe-Co, ordering kinetics, role of vacancies 2—13005
Fe-Co, thermal expansion, low temp., struct. change 2—13052
Fe-Co, thermodynamic functions, activities, mass spectrometric obs. 2—36351
α-Fe-Co alloy, elec. resist. vs quenching temp. and isothermal annealing time 2—1346
Fe-Co system, strength rel. to comp., phase transformations 2—19268
Fe-Cr-Al. defects rel. to heat treatment 2—32499
Fe-Cr-Al, struct. imperfections in thin oxide surface film 2—6490
Fe-Cr-C, austenitic, thermodynamic props., mass spectrometric investigation 2—29550
Fe-Cr-C, transform. kinetics. austenite- proeutectoid ferrite, nucleation, growth rates 2—22359
Fe-Cr-C steel, martensitic, tempering, internal friction meas. 2—29393
Fe-Cr-Co system, ductile permanent magnet 2—40474
Fe-Cr-Mn, phase diagram calc., electron probe microanalysis, 750-950°C 2—6645
Fe-Cr-Ni-C-Si-Mn-P-Si-Nb, chill cast roll iron, isothermal austenite decomposition 2—3996
Fe-Cr-Ni. austenitic, volume and intergranular diffusion. grain boundary energy, comp. depend. 2—12808
Fe-Cr-Ni. austenitic steel, magnetism and structural stability 2—26038
Fe-Cr-Ni. neutron irrad., embrittlement 2—1319
Fe-Cr-Ni, transitional ferrite phase form. 2—29435
Fe-Cr-Ni. transitional ferrite phase form. 2—29434

Iron alloys continued
Fe-Cr-Ni alloys. austenitic, charging in H. effect on crack formation 2—6577
Fe-Cr-Zr system, α-γ-δ type polymorphism 2—4018
Fe-Cr, austenitic, thermodynamic props., mass spectrometric investigation 2—29550
Fe-Cr, diffusion coeffs., C impurity effects 2—12806
Fe-Cr, dil., hyperfine field at Fe atoms. temp. depend. 2—13449
Fe-Cr, ferromag. transition, rel. to low temp. specific heat anomaly 2—13398
Fe-Cr, powders. coarse and fine, isothermal sintering, exponential law, logarithmic time law 2—12982
Fe-Cr, yield strength, temp. depend., 77-400K, comp. depend. 2—39786
Fe-Cr base, austenitic, abrasive wear resist. 2—36177
Fe-Cr_7C_3 eutectic, oriented crystallization, struct., strength 2—3436
Fe-Cr(Ti), stress corrosion cracking mechanism 2—6574
Fe-Cu-C, activity coeff. of C, Cu content depend. 2—9768
Fe-Cu-C steel, sintered, precip. process during ageing 2—25580
Fe-Cu-C system, austenite phase, C activity, Cu effects 2—40006
Fe-Cu, alloy, film, effect of precip. and matrix on phase transform. 2—6635
Fe-Cu, creep limit rel. to α-γ transform. 2—29269
Fe-Cu, melt, dissolution of O_2, enthalpies of reaction, e.m.f. obs., activation parameters 2—3956
Fe-Cu, thermodynamic functions, activities, mass spectrometric obs. 2—36351
Fe-Cu steel, low C, ageing, stable lath substructure obs. 2—25629
Fe-Cu_9Al_4, powder, ternary mixed compact, sintering behavior, expansion, Kirkendall diffusion 2—19279
Fe-Ga, dil., hyperfine field at Fe atoms, temp. depend. 2—16437
Fe-Ga, metastable, BiF_3-type ordering. Mossbauer obs. 2—13446
Fe-Ga, metastable, BiF_3-type ordering. Mossbauer obs. 2—33225
Fe-Ga solid solution. hyperfine mag. interactions, Mossbauer obs. 2—33224
Fe-Gd, film, mag. compensation 2—13405
Fe-H(D) solid solution, thermodynamic function, calc. 2—3961
Fe-In, slowly cooled, Fe-rich, microstruct. 2—39932
Fe-Ir-Pt, appearance of ferromagnetism 2—40473
Fe-Ir, dil.. hyperfine field at Fe atoms. temp. depend. 2—16436
Fe-Ir, dil. ferromag., nuclear electric quadrupole interaction of Ir nuclei, n.m.r. obs. 2—20160
Fe-Mn-C. martensite struct. rel. to metallurgical treatment 2—12997
Fe-Mn-C. system, austenite phase, C activity, Cu effects, Mn effects 2—40006
Fe-Mn-Cr, development for petrol engine exhaust valves 2—3958
Fe-Mn-Cu, elinvar-type. nonmag., Youngs modulus. rigidity modulus, thermal expansion, hardness 2—29233
Fe-Mn, b.c.c.→(h.c.p., f.c.c.) transform., influence of shock and hydrostatic press. 2—32769
Fe-Mn, cold rolled, annealed. mag. props.. residual induction, coercive force, squareness ratio 2—19876
Fe-Mn, dil., hyperfine field at Fe atoms, temp. depend. 2—13449
Fe-Mn, hydrostatic extrusion rel. to phase diagram constitution and props. 2—19312
Fe-Mn, microstruct. rel. to mech. props. 2—32767
Fe-Mn, shock deformed, recovery, role of point defects 2—9653
Fe-Mn, stress corrosion cracking mechanism 2—6574
Fe-Mn, vacuum u.v. spectra, comparison with sandwich structures 2—20021
Fe-Mn alloy, α' martensite nucleation. elec. microscope obs. 2—19301
Fe-Mn and Fe-Mn-Ni, Invar anomaly 2—13051
Fe-Mn nodules. dredged from Pacific Ocean, Mossbauer effect analysis 2—33424
Fe-Mo-Co, quenched from $\alpha+\gamma$ field, transform. microstructs. 2—12998
Fe-Mo-Co system, phase diagram 2—40004
Fe-Mo-O system, phase equilib., and thermodynamics 2—40008
Fe-Mo, dil., hyperfine field at Fe atoms, temp. depend. 2—16436
Fe-Mo, nitrided. FIM determ. of precipitate comp. 2—12969
Fe-N, vacancy trapping of interstitial solute atoms. internal friction obs. 2—32506
Fe-N solid solution, mag. field orienting of Fe_8N precipitate 2—3993
Fe-1.1at%Nb, dynamic strain ageing effects on mechanical behaviour 2—3866
Fe-(1.1 at.%)Nb, substitutional strain ageing. serrated flow 6536 2—6536
Fe-Ni-Al-Co, thermomag. treatment quality, mag. texture study 2—36239
Fe-Ni-C, martensites, elastic props. from sound velocity and mass density obs. 2—3829
Fe-Ni-C, martensites, morphology rel. to formation temp. 2—12775
Fe-Ni-C, martensitic, H_2 embrittlement 2—12910
Fe-Ni-C, peak of internal friction in newly heat-treated martensite 2—39765
Fe-Ni-Co/SiO_2/Fe-Ni-Mo layer system, domain boundaries and coercive force 2—13407
Fe-Ni-Co-Mo, martensitic, ageing, formation of metastable ω phase 2—36299
Fe-Ni-Co-Mo, pre-precipitation and reversion 2—9809
Fe-Ni-Co, thermal expansion. low temp. invar anomalies. magnetic field dependence 2—16052
Fe-Ni-Co, thermal expansivity, effect of Co on invar characteristics 2—16051
Fe-Ni-Cr-C system, austenite phase, equilib. C content determ. 2—40007
Fe-Ni-Cr-Ti, austenitic, plastic deform. rel. to σ- phase form. 2—29471
Fe-Ni-Cr-Ti, γ' hardened, strengthening mech.. precip., γ_{apb} calcs. 2—32733
Fe-Ni-Cr. effect of austenitizing conditions on martensite formation 2—32768
Fe-Ni-Cr. martensitic transform. kinetics and martensite morphology 2—36277
Fe-Ni-Cr alloy, inoxidizable, austenitic, metastable, level in elastic limit 2—25478
Fe-Ni-Cr austenitic matrix, carbide nucleation and precipitation, B effect 2—9810
Fe-Ni-Mn, Co-substituted, Invar theory 2—40499
Fe-Ni-Mn, isothermal martensitic transform., kinetics 2—9804
Fe-Ni-Mn, isothermally treated, martensitic transform. characts. 2—32765
Fe-Ni-Mn, martensitic transformations nucleation model 2—22357
Fe-Ni-Mo-Co, martensitic, temper hardening, X-ray diffr. electron microscopy 2—9740
Fe-Ni-Mo, lattice distortion due to deformation 2—15721

Iron alloys continued
Fe-Ni-Mo, martensitic transform., rel. to cooling rate, plastic deform., hardening 2—29467
Fe-Ni-Nb(Mo), martensitic, temper hardening 2—9739
Fe-Ni-P film, mag. field induced anisotropy 2—36725
Fe-Ni-Ta, mag. props., elec. resist., hardness 2—29812
Fe-Ni-graphite, sintering, struct., and phase comp. 2—12938
Fe-Ni, coercive field, Neel theory 2—33136
Fe-Ni, Curie pt. shift under hydrostatic press. 2—40478
Fe-Ni, diffusion coeff. of hydrogen 2—36080
Fe-Ni, diffusion of C, activation volumes 2—19144
Fe Ni, diffusion of C, effect of annealing struct., defects 2—32561
Fe-Ni, dil., hyperfine field at Fe atoms, temp. depend. 2—13449
Fe-Ni, f.c.c. lattice, para-process susceptibility rel. to comp. 2—29478
Fe-Ni, Fe-Ni-Co austenitic phase stabilization, thermal cycling 2—15909
Fe-Ni, Hall coeff. and resist., effect of plastic deform. 2—22492
Fe-Ni, initial magnetiz. by wall displacement 2—26027
Fe-Ni, light cond., interband transitions 2—26171
Fe-Ni, liquid state, density meas., structure 2—3374
Fe-Ni, mag. props., electron irrad. effects 2—29818
Fe-Ni, magnet design 2—6960
Fe-Ni, magnetovol. effects 2—13402
Fe-Ni, martensitic transform. kinetics and martensite morphology 2—36277
Fe-Ni, quenched-in vacancies, influence of hydrogen 2—39679
Fe-Ni, shock loading, microstructure, α-γ transformation 2—3867
Fe-Ni, thermal expansion, invar anomalies, new model from expt. obs. of coarsening by electron diffr. 2—16053
Fe-Ni, thermodynamic activity, entropy, heat of mixing 750-1150°C 2—39929
Fe-Ni, thermodynamic functions, activities, mass spectrometric obs. 2—36351
Fe-Ni film, domain boundary creep, temp. depend., 20 to –190°C 2—9644
Fe-Ni film, electrodeposited on cylindrical substrate, hysteresis loops 2—40507
Fe-Ni film, electrodeposited on cylindrical substrate, internal stresses, disloc. theory 2—40506
Fe-Ni film, electrodeposited, perpendicular anisotropy 2—36723
Fe-Ni film, electrodeposited cylindrical internal macrostresses 2—35890
Fe-Ni film, electrodeposited cylindrical, internal macrostresses 2—35889
Fe-Ni film, induced uniaxial mag. texture 2—26050
Fe-Ni films, exchange const. determ. from standing spin wave reson. 2—10467
Fe-Ni Invars, Mn-substituted, Curie temp. press. depend. 2—40483
Fe-Ni martensite, transform. induced substructs., X-ray and elec. microscope obs. 2—22358
Fe-Ni martensite transform., shape memory effect 2—9789
Fe-Ni steel, austenitic phase stability, heat cycling effects 2—29436
Fe-Ni system, explosively loaded, hardening, recrystallization, grain boundaries 2—9575
Fe-Ni system, metastable equilib., T$_0$-p-c diagram 2—13009
Fe-Ni whiskers, growth and structure 2—18950
Fe-Os, dil., hyperfine field at Fe atoms, temp. depend. 2—16436
Fe-P-B, amorphous ferromagnetic, splat cooling prep. 2—10211
Fe-P-C, intergranular brittleness, rel. to P and C content 2—36235
Fe-Pb, powder, mag. props., magnetostatic phase interaction effects 2—26051
Fe-Pd-P, amorphous, mag. props. 2—19877
Fe-Pd-Si, amorphous alloy, Mossbauer spectral study, magnetism model based on local ferromag. order 2—4375
Fe-Pd, dil., hyperfine field at Fe atoms, temp. depend. 2—16436
Fe-Pd epitaxial film, anisotropy 2—36724
Fe-Pd powders, mag. reversal mechanism 2—40512
Fe-Pd system, chemical diffusion and Kirkendall effect, 1100-1250°C 2—12804
Fe-Pt-Mn martensitic alloys, age-hardening 2—3941
Fe-Pt-Pd, mag. hardening, mag. props., struct. 2—29813
Fe-Pt, dil., hyperfine field at Fe atoms, temp. depend. 2—16436
Fe-Pt ^{195}Pt Mossbauer effect 2—10322
Fe-Pt film, spin wave resonance 2—10468
Fe-Re, dil., hyperfine field at Fe atoms, temp. depend. 2—16436
Fe-Rh, dil., hyperfine field at Fe atoms, temp. depend. 2—16436
Fe-Rh, model of antiferromag.-ferromag. transition 2—29836
Fe-Ru, dil., hyperfine field at Fe atoms, temp. depend. 2—16436
Fe-S, precipitation of Fe sulfides during tempering 2—39891
Fe-S film, lattice parameter and magnetization, S conc. depend. 2—40479
Fe-(11.6 wt.%SI, deformation in compression, two modes of slip 2—3784
Fe-(3.2 wt.%)SI single crystals, twinning, influence of normal stress on critical resolved shear stress 2—22215
Fe-(3 wt.%)Si, domain struct. and mag. losses in hard direction 2—40448
Fe-(3 wt.%)Si, freq. depend. domain struct. rel. to losses 2—40449
Fe-Si, annealing, 800°C, grain growth, texture, magnetostriction effects 2—9805
Fe-Si, diffusion, segregation, of radioactive S, scanning microscope micro-autoradiograph obs. 2—12809
Fe-Si, dislocation-ferromag. domain interaction, x-ray obs. 2—10198
Fe-Si, edge and screw dislocation mobility, h.v. elec. microscope obs. 2—25407
Fe-Si, heavily deformed, texture variation during recovery stage 2—12935
Fe-Si, high temp. creep, dislocation dynamics 2—39799
Fe-Si, high temp. elastic consts., rel. to phase stability 2—9633
Fe-Si, in alterniating mag. field, domain boundary displacement 2—36701
Fe-Si, internal friction in alternating mag. field 2—12834
Fe-Si, magnetostriction, surface Ni film thickness depend. 2—1635
Fe-Si, magnetostrictive deform., X-ray diffr. obs. 2—19889
Fe-Si, order-disorder transition, rel. to mag. order 2—6636
Fe-Si, ordered, cond. electron spin density oscillations 2—1611
Fe-Si, ordered, n.m.r., enhancement factors and relax. times 2—1648
Fe-Si, ordered solid soln. struct., Mossbauer obs. 2—19987
Fe-Si, primary recrystn., impurity-drag effect on grain growth rate 2—39890
Fe-Si, recrystn. texture, effect of S 2—12937
Fe-Si, spin density distrib. 2—29809
Fe-Si, strength, effect of nonmetallic inclusions 2—36139
Fe-Si, struct., X-ray exam. 2—6202
Fe-Si, temp. depend. of domain struct. 2—36689
Fe-Si single crystal, mag. domain struct., X-ray topographical obs. 2—29814
Fe-Si single crystals, crack propag., effect of prestrain and ageing 2—12909

Iron alloys continued
Fe-(3.2 wt.%)Si, deformed, Barkhausen jumps 2—40475
Fe-(5 wt%.%)Si, fatigue at liq. He temps. 2—19200
Fe-(3 wt.%)Si single crystals, plastic yielding between 113 and 473K22271 2—22271
Fe-Sn, C influence on equilib. diag., diffusion couple method 2—9835
Fe-Sn, dil., hyperfine field at Fe atoms, temp. depend. 2—16435
Fe-Sn, hyperfine field distrib., Mossbauer obs. 2—40627
Fe-Tb, film, mag. compensation 2—13405
Fe-Te system, stoichiometric or nearly stoichiometric compositions, quadrupole splitting and isomer shift, Mossbauer obs. 2—36841
Fe-Ti-C, precip. rel. to formability and texture 2—32728
Fe-Ti, dil., hyperfine field at Fe atoms, temp. depend. 2—13449
Fe-Ti, ductile-brittle transition, cold working effects 2—29307
Fe-Ti, elec. resist., magnetization, 4.2-300 K 2—22491
Fe-Ti, thermodynamic functions, activities, mass spectrometric obs. 2—36351
Fe-V-Nb-C, VC$_x$ precip., electron microscope obs. 2—9769
Fe-V, dil., hyperfine field at Fe atoms, temp. depend. 2—13449
Fe-V, thermodynamic functions, activities, mass spectrometric obs. 2—36351
Fe-V, yield strength, temp. depend., 77-400K, comp. depend. 2—39786
Fe-W-O system, phase equilib. and thermodynamics 2—40008
Fe-W, dil., hyperfine field at Fe atoms, temp. depend. 2—16436
Fe-W alloy, magnetic field at W nuclei, from obs. of Larmor precession of first 2+ states 2—40594
Fe-Zn-C, activity of C, Zn content depend. 2—9768
Fe-Zn system, reactive diffusion, phase formation, press. depend. 2—12996
Fe-(Cu, Sb, Ir), dilute ferromag., isotope pair struct. anomalies, n.m.r. 2—20159
(Fe,Co,Ni)-NbC, magnetically soft eutectic composite 2—22687
α-Fe, Al-Fe layers formed by surface metal interaction with AlCl$_3$, HCl and H$_2$ gases 2—26320
FeAl, elec. resist., thermo-emf, Hall effect 2—6760
Fe$_3$Al, mag. hyperfine fields for impurity Sn atoms, Mossbauer obs. 2—7058
Fe$_3$Al, ordered and disordered, lattice dynamics 2—16016
FeCo, mag. anisotropy and ordering, equilib. state vs. temp. 2—22679
Fe$_{36}$Cr$_{12}$Ti$_{10}$, χ-phase, dissociated anti- phase boundary 2—3791
FeGe, cubic ferromagnet, resonance obs. 77-290 K rel. to spin saturation 2—7112
(FeNi)-Au system, mag. moment props., magnetiz. and neutron scatt. obs. 2—36712
FeNi$_3$, Mossbauer spectra of ^{119}Sn and ^{57}Fe, hyperfine field, spin polarization 2—40623
Fe$_{0.70}$Ni$_{0.30}$, antiferromagnetism at high pressures 2—33168
Fe$_{1-x}$Ni$_x$Al solid solns., struct., density, mag. props. 2—39641
Fe$_{65}$(Ni$_{1-x}$Mn$_x$)$_{35}$, low temp. sp. ht., rel. to mag. props. 2—33133
Fe$_3$Pt, electronic specific heat 2—26039
Fe$_3$Pt, temp. depend. of hyperfine field, Mossbauer study 2—22737
Fe$_{65}$(Pt$_x$Ir$_{1-x}$)$_{35}$, mag. props., temp. and comp. effects 2—29817
FeRh, ferro-antiferromag. transition, electron entropy contrib., positron annihilation obs. 2—16372
FeRh, ordered, diffuse scatt. of neutrons, mag. moment obs. 2—10247
FeRhIr, magnetic transitions, pressure dependence 2—4374
Fe$_3$Si, mag. hyperfine fields for impurity Sn atoms, Mossbauer obs. 2—7058
FeSn, antiferromag. and paramag. states, hyperfine parameters, Mossbauer study 2—29884
FeSn, hyperfine field temp. depend at Fe atoms, Mossbauer obs. 2—16434
Fe—(1.4at.%)Cu, annealing, clustering, precipitation, atom probe field ion microscopy 2—3960
Fe—Ni, martensite transform. twinning 2—9807
Fe—Ni—C, activity coeff. of C, Ni content depend. 2—9768
Fe—Ni—Mo(V)—C, martensite transform. twinning 2—9807
Gd-Cu-Fe di-substitutional solid solns., form. conditions 2—19261
Ge-Fe, liq., mag. susceptibility, temp. and conc. depend. 2—15611
Ir-Fe, nuclear gamma resonance study, hyperfine field meas., conc. dependence 2—19979
Mn-Fe, dil., complex mag. interactions, resist. obs. 2—40561
Mo-Fe, dil., mag. interactions 2—40408
Mo-Fe, dil., mag. susceptibility and low temp. sp. ht. 2—19827
Mo-Fe dilute alloy, relaxation phenomena due to s-d exchange interaction 2—19978
Mo-Fe dilute system, Mossbauer spectra, relax. due to s-d exchange interaction of ^{57}Fe 2—40631
Nb-Mo-Fe, dil., localized mag. moment, Mossbauer obs. 2—36847
Ni-Cr-Fe, defects rel. to heat treatment 2—32499
Ni-Cr-Fe, neutron irradiation, extension rate, tensile strength, granular struct. 2—25513
Ni-Cu-Fe-graphite, sintering, phase and struct. changes 2—1401
Ni-Fe-Nb alloys, magnetic properties, electrical resistivity and hardness 2—4372
Ni-Fe-V system, ordering 2—39938
Ni-Fe-W system, atom ordering 2—39650
Ni-(50 wt.%)Fe, secondary recrystn. mechanism39937 2—39937
Ni-Fe, cryst. growth, suppression of striations 2—25268
Ni-Fe, current flow effect on hysteresis and domain wall motion 2—33148
Ni-Fe, deformability, initial permeability, de-oxidation elements addition effect 2—4367
Ni-Fe, dil., mag. anisotropy energy 2—16369
Ni-Fe, dil., two-current cond. processes and spin mixing 2—1486
Ni-Fe, ferromag., conc. depend. of av. mag. moment, Ising model calc. 2—16351
Ni-Fe, oxidation kinetics, and development of oxide scale 2—16683
Ni-Fe, shielding against current in coaxial config. 2—40488
Ni-Fe, solid soln., positron annihilation and Mossbauer effect 2—4445
Ni-Fe film, electrodeposited, critical curves for mag. fields 2—19898
Ni-Fe film, high temp. domain struct. determ. 2—10223
Ni-Fe film, magnetization state, thickness and eddy current effects 2—36726
Ni-Fe film, trigger effect in constant mag. fields 2—40511
Ni-Fe films, mag. props., rel. to struct. 2—36728
Ni-Fe films, magnetoresist., ang. depend. 2—33153
Ni-Fe invar, resistivity and thermopower meas. in 1.5-125 K range, result, interpreted in weak ferromagnet band model 2—36440
Ni-Fe rectangular hystersis core, flux reversed 2—36716
Ni-Mn-Fe-Mo, mag. props. 2—13400

Iron alloys continued
Ni Mn-Fe system, mag. anisotropy, magnetostriction. permeability 2—40455
$Ni_3(Fe,Mn)$, antiphase domains 2—6446
NiFe, Barkhausen noise, autocorrelation function 2—22684
Ni_3Fe, critical order/disorder transformation temp., biphase domain 2—12780
Ni_3Fe, $Ni_3(Fe_{0.76}Al_{0.24})$, ordered domain formation, anti-phase walls 2—9581
Ni_3Fe, short range order correl. with phys. props. 2—25601
NiFeMo films, magnetization reversal 2—19891
Pd-Fe, dil., low temp. resist. and large mag. scatt. 2—9959
Pd-Fe, elec. resist. temp. depend., mag. component 2—40181
Pd-Fe, ferromag., conc. depend. of av. mag. moment, Ising model calc. 2—16351
Pd-Fe, solid soln., positron annihilation and Mossbauer effect 2—4445
Pd_3Fe, hydrogen absorpt., ordering depend. 2—9773
Pt-Fe, dil., spin fluctuation effects in resist. 2—36445
Pt-Fe, solid solid., positron annihilation and Mossbauer effect 2—4445
PtFe-PdFe(PtNi), order-disorder transformation, magnetization. coercive force, lattice parameters 2—1633
Rh/Fe-Ni, plated alloy, lattice parameters during heat treatment 2—9471
Rh-(0.5 wt.%) Fe resist.. localized spin fluctuations6763 2—6763
Si-Fe laminates. analytical correlation between rotational and alternating hysteresis losses 2—10204
Si-Fe solid soln., precip. 2—1533
β-Ti-Fe, isothermal phase transform. 2—12979
UN-UC-Fe system, phase equil. 2—1416
V-Fe, elec. and mag. props., defect struct. 2—33117
V-Fe, mag. props. 2—16350
V-Fe, Mossbauer effect. 80-1100 K 2—39943
V-Fe, $VK\beta_5$ emission, electronic struct. 2—6728
Yb-Fe system, cpd. formation, X-ray diffr. study 2—25349

Iron compounds
see also Ferrites; Iron alloys; Steel
carbide, Mossabauer obs., rel. to martensite recovery in Fe-alloy 2—10320
carbonyl iron powder compact. struct. changes during sintering 2—39959
complex, FeEDTA- in water, hydrolysis products, n.m.r. 2—3409
electronic changes, pressure induced, theoretical analysis 2—22098
ferri-diopside, Mossbauer absorption spectra of synthetic samples 2—7054
ferric oxide, solid state reactivity, emanation thermal analysis 2—16675
ferrocene, bonding, mag. anisotropy study 2—36660
ferrographite, effect of sintering conditions on props. 2—12940
FeS, $Fe_{0.94}S$, defect structure. cryst. struct. and space group, X-ray and Mossbauer obs. 2—35989
garnets, optical phonons 2—1700
heteropoly complexes, exchange interactions between pairs of differing magnetic spins 2—40464
iron cyanide bronze, prep. and structure 2—25244
minerals and compounds, $K_{\alpha 1,\alpha 2}$ and $K_{\beta 1}$,β' spectra 2—33296
quartz-Fe dispersion, mechano-chemical reactions, e.p.r. and Mossbauer obs. 2—19988
with rare earths, Laves compounds, Mossbauer effect 2—4441
spinel-type minerals, spin pairing of Fe(II), and corresponding phases 2—40584
transition metal iron phosphates, structure, magnetic behaviour, Mossbauer obs. 2—4444
wustite-magnetite boundary eqn. up to 1351°C 2—6315
Al-killed steel, continuous casting strand 2—1368
Al_2O_3-Cr_2O_3-Fe_2O_3 system, spinodal decomp. 2—29423
Al_2O_3-Cr_2O_3-Fe_2O_3 system, spinodal decomp. 2—29424
BeO-Fe_3O_4 ceramics, electrical resistivity effect of temperature and sintering pressure 2—6753
$Bi_{3-x}Ca_{2x}Fe_{5-x}V_xO_{12}$, Mossbauer study of Fe^{3+} 2—13445
$Bi_2Fe_4O_9$ Mossbauer effect study, parameters, spectra, effective internal magnetic field 2—4442
C-Mn killed steel, continuous casting strand 2—1368
$(CO)Fe(PF_3)_4$, C_{3v} and C_{2v} isomers, vibrational assignments and enthalpy difference 2—24446
Fe-Ce-B system, phase diagram and intermediate phase study 2—29491
Fe-Cr spinel, Curie temp. magnetization, mag. moments 2—1596
Fe-Cr spinels, d.c. electrical resistivity, temp. dependence 2—1476
Fe-Fe_2O_3-CaO-Al_2O_3, sub-solidus phase relations 2—1136
Fe-La, intermetallic compound struct., disordeed substitution, X-ray obs. 2—6452
Fe-Mn nodule, high temp. decomposition, Mossbauer effect, quadrupole splitting 2—26131
Fe-Ni-Cu-Co ferrites, magnetostrictive, magnetomech. props., 233-373K 2—40529
Fe-Ti oxides, rhombohedral, thermoremanence studies 2—4291
Fe-Ti oxides, rhombohedral, magnetic domain study 2—4341
Fe-3d transition metal alloys, filtering of background interference in Mossbauer spectra 2—26121
$(Fe, Mn)WO_4$, $(Fe, Mg)WO_4$, susceptibility, neutron diffr. 2—33103
$(Fe,Mg)_7Si_8O_{22}(OH)_2$, cummingtonites, Mossbauer spectra, ^{57}Fe quadrupole splitting 2—10324
$(Fe,Mn)WO_4$, natural crystals, magnetic anisotropy and susceptibility meas. between 10 and 700K 2—6945
$(Fe,Ni)_9S_8$, metallic character. Pauli paramag., thermoelec. power, Mossbauer effect 2—25766
Fe (II) complex, bis(2.2′-bipyridyl) series. spin free spin paired solids 2—19984
Fe complex, (Fe Salen $Cl)_2$, mag. hyperfine field, exchange const. 2—40624
Fe complex, eight-coordinated tetrakis-(1,8- naphthyridine) Fe(II) perchlorate, extremely large quadrupole splitting in Mossbauer spectrum 2—22735
Fe complex, $FeSO_4.(CH_2NH_3)_2SO_4.4H_2O$, Mossbauer spectra, ethylenediammonium cation effects 2—13447
Fe complex, ferric β-diketones, effect of pressure on electronic structure 2—28291
Fe complexes, derivatives of $[SCH_3Fe(CO)_3]_2$, molecular structure 2—785
Fe complexes, $Fe(py)_2Cl_2$ and $Fe(py)_4Cl_2$, electronic and Mossbauer spectra and mag. moment 2—16431
$Fe_{0.67}Te$, Mossbauer effect, isomer shifts, quadrupole splittings 2—26132
$\alpha Fe_{2},O_3$, fine particles. magnetic properties. thermoresonance, hysteresis, coercivity and anisotropy 2—16375
Fe^{2+} compounds, pseudotetrahedral, quadrupole splitting and mag. susceptibility 2—36789
Fe_2Al_5 diffusion layers on α-Fe, morphology 2—39458

Iron compounds continued
Fe_3Al, radiation damage. computer simulation 2—39671
Fe_3AlC_x, $x<0.6$ film formed by diffusion and chemical reaction on steel 2—39927
Fe_2B diffusion layers on α-Fe, morphology 2—39458
$FeBO_3$, ferromag., acoustic reson.. magnetoelastic consts., spin wave energy gaps 2—22675
$FeBO_3$, n.m.r., mag. props. 2—36768
$FeBO_3$, phonon Raman scatt. temp. depend., mag. contrib. to intensities 2—40692
$FeBO_3$, photomag. effect, domain struct. 2—33174
$Fe_3B_7O_{13}I$, ferroelec., phase transitions at low temp.. X-ray obs. 2—36592
$FeBr_2$, di- and tetra-hydrates, Mossbauer spectra 2—19983
$FeBr_2$, layer-type crystal, ionic, 2-10 eV spectra. excitonic processes 2—20005
Fe_3C, ferromag.. spin orientation detn. from Mossbauer line intensity and X-ray textures 2—36702
Fe_3C, in austenite, thermodynamic calc. of solubility 2—25597
$Fe(CN)_6^{4}$-, quantum yield of solvated electrons in water-alcohol mixtures 2—26369
$Fe(CN)_6^{4-}$, photoexcited in 10N NaOH glasses, electron formation quantum yields at 77K 2—26357
$FeCO_3$, far-i.r. spectra. Neel pt. phenomena 2—40638
$Fe_xCd_{1-x}Fe_2O_4$, struct. and mag. props., comp. depend. 2—1639
$FeCl_3$/graphite layered cpds., two-dimens. ferromagnetism 2—6973
$FeCl_2$, layer-like. adsorpt. of rare gases, first-layer formation by 2D condensation 2—22087
$FeCl_2$, layer-type crystal, ionic, 2-10 eV spectra. excitonic processes 2—20005
$FeCl_2$, layer-type crystals, u.v. and soft X-ray absorpt. spectra 2—20033
$FeCl_2$, mag. props. in zero field. long-range order 2—29837
$FeCl_2$, mag. props. in zero field. excitations 2—26066
$FeCl_2$, magnetic properties determ. from e.p.r. study of Fe(II) ions in $CdCl_2$ 2—1724
$FeCl_2$, matrix- isolated, nuclear gamma resonance studies at 4.2°K 2—35246
$FeCl_2$, Mossbauer effect, temp.-depend, cryst. field and electronic charge density 2—10323
$FeCl_2$, presence in Cytherean clouds 2—26860
$FeCl_2$ amorphous frozen soln.. glass transition 2—9220
$FeCl_2$ frozen aqueous soln. D.T.A. of melting, unusual crystallization phenomena 2—35824
$FeCl_2$ frozen soln., Mossbauer meas. from −180°C to melting point 2—10316
$FeCl_2.2H_2O$, Mag. phase diagram, metamag. transitions 2—36767
$FeCl_2.2H_2O$, magnon-phonon interaction, microscopic description 2—40556
$FeCl_2.2H_2O$, occurrence of particles in Cytherean clouds 2—26859
$FeCl_2.4H_2O$, 55.9% deuterated, neutron diffraction study of H atom positions 2—29141
$FeCl_2.4H_2O$, cryst. struct. 2—9469
$FeCl_2.4H_2O$, cryst. struct. 2—3707
$FeCo_3$, Mossbauer spectra, origin of asymmetric quadrupole doublets 2—33223
$Fe_{1-x}Co_xSi$, Mossbauer spectra of ^{57}Fe 2—26127
$Fe_{1\|x}Cr_{2-x}O_4$, cryst. struct. and phase transitions, X-ray obs. 2—22361
$Fe_{3-x}Cr_xO_4$, ferrimagnetic, magnetization. phase transition effects 2—19903
$FeCr_2S_4$, ferrimag., elec. transport props. 2—32977
FeF_2, antiferromag., light scatt., one magnon spectrum, temp. depend. 2—16537
FeF_2, antiferromag. reson., exchange fields, press. depend. 2—40555
FeF_2, critical mag, neutron scatt. 2—10248
FeF_2, electronic Raman. scatt.. rel. to mag. ordering 2—36901
FeF_2, on cryst. field and nucl. quadrupole splittings 2—36788
FeF_2, quadrupole splitting of ^{57}Fe generated by 3d electron 2—7057
FeF_2, sp. ht. and sound vel., Ising behaviour 2—40072
$FeF_{2(3)}$, Mossbauer effect, temp.-depend. cryst. field and electronic charge density 2—10323
$FeFe_2O_4$-$MgFe_2O_4$-$NiFe_2O_4$ magnetic and X-ray diffraction obs. 2—1595
$FeI_2(CO)_2PH_3)_2$ X-ray diffraction study of crystal structure 2—1225
Fe(II) and (III), complexes with 1, 10 phenanthroline and 2,2′-bipyridyl, Mossbauer study of structure and bonding 2—7056
Fe(II) complex, phenanthroline, susceptibilities and ^{57}Fe Mossbauer spectra down to 1.2K 2—16432
Fe(II) complexes, Mossbauer effect study of slow electronic relaxation in $^5T_2$-$^1A_1$ spin equilibria 2—26126
Fe(III) complex. oxo-iron(III) hydroxotrichloroferrate (III). prep. and cryst. struct. 2—6433
Fe(III) complexes with intramolecular exchange, e.p.r. obs. 2—8609
Fe(III) cpds. in ethylene glycol, liq. and frozen, τ_1 obs., structural determ. 2—12582
Fe(III) phenyl substituted complexes. n.m.r. study of changes in electronic structure due to aromatic substitution 2—31791
$FeIn_2S_4$, $FeIn_2S_{4-x}Se_x$, prep., elec. resist., paramag.. antiferromag. interactions 2—29800
Fe_2MoO_4 spinel, spontaneous magnetization, compensation temp. 2—10210
$Fe_2(MoO_4)_3$, struct. and phase relns. 2—9340
$Fe_2Mo_3O_8$, Mossbauer spectra. mag. ordering and trigonal symmetry obs. 2—33220
Fe(N) sheets and foils, phase relations and epitaxy 2—39539
$Fe(NH_4)_2$ $(SO_4)_2.6H_2O$. sign of molecular anisotropy and electronic structure determ. from meas. of anisotropy and principal susceptibilities 2—28290
$Fe(NH_4SO_4)_2.6H_2O:Cu^{2+}$, quadrupole hyperfine anisotropy obs. and mag. susceptibility 2—36843
$FeNbO_4$ and $FeNb_2O_6$, i.r. spectra, cryst. chem. 2—13473
$FeNb_2O_6$, i.r. absorpt. spectra. cryst. chem. 2—10396
$Fe_xNb(Ta)S_2$ magnetic and crystal structure 2—3722
$Fe_{1-x}Ni_xCr_2O_4$, Jahn-Teller theory of crystal distortions 2—16411
$Fe_{1-x}Ni_xSi$, Mossbauer spectra of ^{57}Fe 2—26127
α-Fe_2O_3:Co micropowders, mag. props., lattice parameters 2—16386
Fe_2O_3-Al_2O_3, spin relax. time of Fe^{3+}, impurity ions effects, Mossbauer obs. 2—40574
Fe_2O_3-Fe_3O_4-liquid equilibrium conditions at oxygen pressures up to 53 bar 2—9808
Fe_3O_4-FeV_2O_4, spinels. magnetic properties, preparation 2—10212
Fe_2O_3-MgO-SiO_2 system, triangular phase diagram 2—29494
Fe_2O_3-MgO, powder mixture. ferrite form. 2—1378

Iron compounds continued
Fe_2O_3-MgO solid solution, grain size distrib. and grain growth, calc. 2—29446
FeO SiO_2-TiO_2, phase relns. at high temp., high press. 2—9205
Fe_2O_3-Y_2O_3 powder mixture, ferrite form. at 1100°C 2—30058
Fe_2O_3-α-$Fe(OH)_3$, temperature phase transition, structural obs. over entire temp. range 2—29468
Fe_2O_3-rich glass, anomalous mag. behaviour 2—33132
(1-x)Fe_2O_3-x Al_2O_3, hematite, mag. dilution effects on Morin phase transition, Mossbauer obs. 2—19915
FeO, electronic struct. 2—13092
FeO, electronic struct. 2—13093
FeO, FeS, non-metallic inclusions and films in Fe cathode, influence on vacuum breakdown 2—21888
FeO, refractory, cryst. growth by floating zone method 2—29098
FeO, spectrum observed in low-pressure arc with Fe electrode 2—14485
FeO vibration-rotation radiative band intensity meas. 2—35247
$Fe_{1-x}O$, Wustite, defect struct., stoichiometry. 685-1300°C, CO_2-H_2 atmos., thermogravimetry 2—1243
$Fe_{1-x}O$, non-stoichiometry, Mossbauer effect, quadrupole and Zeeman splitting 2—26129
$Fe_{1-x}O$, wustite, Mossbauer spectrum compared with $Fe_{1.0}O$ spectrum 2—26128
γ-Fe_2O_3, acicular, chain-of-spheres behaviour 2—33156
α-Fe_2O_3, antiferromag. haematite, field induced phase transitions 2—13418
α-Fe_2O_3, antiferromag. resonance, 117 Gc/s, ferromag. phase transition 2—10471
α-Fe_2O_3, c-axis mag. moment obs. 2—36745
Fe_2O_3, electronic phase transitions with symmetry change 2—15955
α-Fe_2O_3, ferromag, acoustic reson., magnetoelastic consts., spin wave energy gaps 2—22675
Fe_2O_3, haematite, single-domain crysts., polyaxial nature of mag. anisotripy 2—36769
δ-Fe_2O_3, identified as dehydration product of FeOOH 2—1745
Fe_2O_3, labelled aerosols, production in submicron range 2—12590
α-Fe_2O_3, magnetic domain structure studied by magnetic colloid observations, wall energies estimated 2—10196
Fe_2O_3, magnetite, stacking faults, X-ray diffr. obs. 2—15767
α-Fe_2O_3, n-type, free and bound charge carriers 2—10028
Fe_2O_3, pigmentation in polymer films, effect on type of ionic conduction 2—1564
Fe_2O_3, positron lifetime correlations 2—4150
α-Fe_2O_3, r.f. magnetostrictively-induced Mossbauer sidebands, particle size depend. 2—33219
α-Fe_2O_3, reduction to magnetite, kinetics, rel. to natural faces 2—16681
Fe_2O_3, stoichiometry limits 2—22099
α-Fe_2O_3, thermomagneto-optical memory in regions with modified mag. struct. 2—1620
α-Fe_2O_3, tightly pinned domain walls 2—36770
Fe_2O_3 monocrystals, K X-ray absorption spectra, interpretation based on crystal field theory 2—36914
α-Fe_2O_3 with chemisorbed CO, magnetic and i.r. study 2—7178
Fe_3O_4, cathodoluminescence, rel. to derivation of semiquantitative band model 2—4520
Fe_3O_4, coexistence of localized and itinerant d-electrons 2—16093
Fe_3O_4, elec. quadrupole interaction and hopping model interpret. 2—36839
Fe_3O_4, low temp. phase transition and multiple ordering 2—36278
Fe_3O_4, magnetite, Al^{3+}, Ga^{3+} or In^{3+} substituted, cation distributions, X-ray and Mossbauer obs. 2—19049
Fe_3O_4, magnetite, cond. above Verwey transition 2—36505
Fe_3O_4, magnetite, elec. cond. calc. above Verwey temp. 2—19640
Fe_3O_4, magnetite, low temp. spectra rel. to structural vacancies 2—26130
Fe_3O_4, magnetite, magnetoresistance, 77-300K, phase transformation 2—25816
Fe_3O_4, magnetite, metal impurity effects on Verwey transition temp. 2—25719
Fe_3O_4, magnetite, n.m.r., ^{57}Fe hyperfine spectra, conduction model 2—7137
Fe_3O_4, magnetite, vacancy distrib., Verwey transition, Mossbauer effect 2—9538
Fe_3O_4, magnetite, Verwey and charge density wave state ordering 2—40526
Fe_3O_4, magnetostrictive excitation of sound 2—25675
Fe_3O_4, magnon dispersion relations, neutron diffr. obs. 2—36748
Fe_3O_4, metal-nonmetal transition, one dimens. single band model, Wigner crystn. 2—22465
FeOCl, Mossbauer obs., structure, magnetic ordering, internal fields, temp. range 1.96-298K 2—4443
$Fe(OH)_2$, dehydration, haematite transformation, magnetic props., Mossbauer and i.r. spectra 2—22862
$FeOHSO_4$, antiferromag. Mossbauer spectra, electric field gradient, ^{57}Fe energy levels 2—10325
β-FeOOH, akaganeite, thermal props. 2—13038
FeOOH, β-δ in haematite, i.r. spectroscopic study of thermal conversion 2—40805
FeOOH, thermal conversion to sesquioxide, paramag. to antiferromag. transform, Mossbauer obs., 400-900K 2—40628
α-FeOOH, weak ferromagnetism, natural crystals and polycrystalline goethite 2—1614
$Fe_2O_3.Fe_3O4$ vacuum sorption trap for N-5S pump 2—20783
FeP_2 single crystals, prepared by chemical transport reaction magnetic susceptibility, electrical resistivity, Hall effect meas. 2—29798
$FePO_4.2H_2O$, solubility equilibrium constant and saturation curve for synthetic strengite in dilute phosphoric acid solutions 2—40890
$Fe_3(PO_4)_2.8H_2O$, spin flipping, Mossbauer obs. 2—40617
FeS, coexistence of localized and itinerant d-electrons 2—16093
$FeS_{1\pm x}$, phase transitions, Mossbauer effect 2—15965
FeS_2, Raman scatt. from phonons 2—22785
FeS_2 low temp. photoconduction phenomenon 2—4300
Fe_3S_4 film, electrostatic polarization, electron diffr. 2—19751
Fe_7S_8, pyrrhotite, defect struct., electron microscope obs. 2—22201
$FeSO_4$, Fricke dosimeter, delta-ray theory of track structure, energetic heavy ion detection 2—34823
$FeSO_4$, Mossbauer effect, quadrupole splittings, elec. field gradient 2—1672
$FeSO_4$ dosimeter, measurement precision below 1000 rads 2—5058
$FeSO_4.7H(D)_2O$, quadrupole splitting, effect of H_2O and D_2O ligands 2—36844
$FeSO_4.7H_2O$, trimethylene glycol solution Mossbauer effect, molecular motion, diffusion 2—22738

Iron compounds continued
$Fe_{3-x}Sc_xO_4$, lattice consts. and saturation magnetization 2—36751
FeSe, Fe_2Se_3, Fe_7Se_8 and Fe_3Se_4, thermal cond., 100 to 500 K 2—19459
Fe_3Se_4, mag. struct., neutron diffr., elec. cond., Mossbauer obs. 2—19908
FeSi, Si L-emission spectra 2—20086
FeSi, thermal expansion, 100-1000K 2—32847
FeSi ferromagnet, wedge shaped crystal, domain width, thickness depend. 2—19864
$FeSiF_6$:$6H_2O$, single cryst., principle axis location, EFG sign and mag. struct. from Mossbauer obs. 2—29885
$FeSiF_6.6H_2O$, quadrupole hyperfine anisotropy from Mossbauer obs. 2—36842
$FeSiF_6.6H_2O$ crystal, investigation of pressure dependence of internal reorientation of SiF_6^{--} group 2—37006
$Fe_2SiF_6.6H_2O$, low temp. phase transform. 2—25624
$FeTaO_4$-TiO_2 solid solution, struct., elec. and mag. props. 2—1224
Fe_2TeO_6, magnetoelec. effect, susceptibility, Mossbauer effect 2—40557
$FeTiO_3$, elec. cond., temp. variation 2—40249
$FeTiO_3$, ilmenite, hyperfine interactions of Fe^{2+} 2—19986
$FeVO_4$, cryst. struct. and Mossbauer effects obs. 2—19050
$FeVO_4$, cryst. struct. and cryst. chem. 2—3708
FeV_2O_4, paramag. susceptibility 2—19833
$FeWO_4$, ^{182}W Mossbauer spectra 2—13452
$FeZnMo_3O_8$, Mossbauer spectra, mag. ordering and trigonal symmetry obs. 2—33220
FeZrGe, cryst. chemistry 2—9349
FeZrGe struct. relns. with other transition metal germanides 2—18969
MgV_2O_4-Fe_3O_4, activity of components and free energy of mixing 2—1371
$Mn_{1-x}Fe_xBe_2$ system, paramag. props. 2—19831
$Mn_xFe_{(3-x)}O_4$ magnetocrystalline and heat induced anisotropy 2—1616
MnO-FeO-ZrO_2-SiO_2 phase equilibria, liquidus temp. region, quenching technique 2—13012
Na_2O-Fe_2O_3-TiO_2-SiO_2 glass, mag. susceptibility, temp. depend. 2—1598
Ni-Fe cylindrical film, transverse magnetiz. using modified Procopia effect 2—19881
$Ni_xCu_{1-x}Fe_2O_4$, Curie temp., cation distrib. influence 2—33158
Ni_3Ga:Fe very dilute alloys, Mossbauer effect meas. of giant magnetic moments 2—19868
NiO-α-Fe_2O_3, fired mixtures, quantitative phase anal. 2—13014
NiO-MgO-Fe_2O_3 system, Curie point and cryst. struct. 2—1414
Rh-Fe dil. alloys, J_{sd} values from n.m.r. linewidth obs. 2—10563
SrO.4.1Fe_2O_3.1.9 Al_2O_3, reversal processes in hysteresis loops of single particle domains 2—33128
YIG, application of theory of Mossbauer γ-ray diffraction 2—29881
YIG, magnetoelastic coupling, dynamic 2—26045
Y_2O_3-Fe_2O_3-50PbO.40PbF_2.10B_2O_3 system, optimum comp. for ferrite and garnet crystn. 2—36291
Zn-Fe extremely dil. alloy, resist. 0.4- 30 K, Kondo model 2—16148
$Zn_xFe_{3-x}O_{4\pm y}$ ferrites, with and without Co impurity, evidence for anisotropy induced near 100°C 2—26053

Irradiation effects *see Biological effects of radiations; Chemical effects of radiations; Physical effects of radiations*

Ising lattices and models
2D model, in absence of mag. field, equivalence to ground state of XY model in presence of mag. field 2—7697
ν-dimensional, low temperature boundary conditions and correlation functions 2—2152
anharmonic Ising lattice first order phase transition, criteria 2—27084
anisotropic model, critical behaviour 2—11293
anisotropic model, critical behaviour 2—16355
anisotropic model, scaling theory validity 2—17252
antiferromagnet, magnetostriction model, second order phase transition 2—6985
antiferromagnet, smoothness postulate validity 2—6986
antiferromagnet, thermodynamic props., mag. tricritical points 2—19913
antiferromagnet, two sublattice, phase transition 2—10234
antiferromagnetic insulators, effect of introduction of defects on spectrum of magnetic excitations 2—40543
antiferromagnetic next-nearest- neighbour coupling, mag. scatt. intensity 2—36753
chain, partition function, differential eqn. 2—27081
compressibility exponent 2—33939
compressible system, short range order 2—16353
critical behaviour of model with coinciding phase transitions 2—14134
critical exponents calc. by Feynman-graph expansion 2—23301
critical exponents in 3.99 dimensions calc. using renormalization-group techniques 2—17255
critical point exponents, universality hypothesis 2—23290
critical props. of generalized model 2—22667
critical pt. exponents, second neighbour interaction strength depend. 2—7707
critical pt. exponents, universality rel. to lattice anisotropy 2—7708
distribution functions, general structure 2—2164
double chain, zero field susceptibility thermodynamics 2—19838
exactly soluble planar models on compressible lattices 2—7698
ferromagnet, critical exponent for susceptibility in high density limit 2—22668
ferromagnet, dilute, cluster expansion 2—6954
ferromagnet, effect of pair-correlations on phase transition, double-time Green's function approach 2—16361
ferromagnet, equil. states in two- phase region 2—26016
ferromagnet, generalized model, magnetization and susceptibility 2—16360
ferromagnet, inequalities 2—26015
ferromagnet, scaling interaction, critical exponents 2—26017
ferromagnet, spin-1/2, const. coupling approx. 2—36677
ferromagnet, three dimens., sp. ht. above Curie temp. 2—40429
ferromagnet in a nonvanishing magnetic field, shown to have only one equilibrium state 2—23294
ferromagnets, density of zeros on Lee Yang circle 2—1608
grand partition function of lattice gases, location of zeros 2—27083
Heisenberg-Ising ring, thermodynamics 2—17254
hexagonal lattice with two- and four- spin interactions, critical behaviour 2—17250
high temperature expansion, term struct., self-avoiding walks 2—14122
hypercubical ferromagnet, critical exponent in high density limit 2—40432
Ising lattice, phase transition 2—5158
magnet, one-dimens., spin orderings 2—26010
magnetic alloy, av. mag. moment per spin at 0 K detn. by computer simulation 2—16351

Ising lattices and models continued
magnetic semiconductors props. 2—40439
magnetic transition in systems of triplet ions with zero field splittings 2—36670
magnetism, exact partition function in one, two, three dimensions in nonzero field 2—20859
modified Ising chain, statistics 2—29802
one dimensional models, distrib. of zeros of partition function 2—7695
one-dimensional model, quasiclassical spin formalism 2—33936
ordering, dipolar and quadrupolar, in S=3/2 systems 2—19938
partition function, 1-,2- and 3-dimensional models in nonzero field 2—2153
phase transitions in Ising spin systems, characterisations 2—17247
solutions, quasi-chemical theory 2—89
spin systems, ferromagnetic and antiferromagnetic, uniqueness of equilibrium state 2—26005
spin-$^1/_2$ chain, time correlation functions and critical relaxation 2—90
spontaneous magnetization, equality with long range order in models with nearest neighbour interactions 2—19840
stochastic model, critical relaxation, review of theoretical results 2—14120
superconductor, weakly coupled granular, model 2—16153
surface tension defined from surface of separation between two phases in 2-dimensional model 2—23287
three dimensional lattices, high temp. series for susceptibility 2—37631
three-dimensional model with four- spin interaction, solution and critical behaviour 2—26014
tricritical behaviour, series analysis 2—33935
two dimensional lattices, high temp. series for susceptibility 2—37630
two dimensional spin-$^1/_2$ model, higher order correlations and spin operators 2—30802
two-dimensional, higher order correls. 2—16357
two-dimensional model, critical indices, spin depend. 2—16354
two-dimensional model, nonlocal contributions to free energy functional near critical point 2—2159
two-dimensional model, with four-spin interactions 2—30805
two-dimensional system, CuAu antiphase boundary 2—15960
two-dimensional system, effect of spin-phonon interaction 2—4416
universality hypothesis, next-nearest-neighbour-interactions 2—33938
upper bounds determ. at critical temps. by Griffiths correlation inequality 2—5156
DyPO$_4$, ideal 3-dimens. system, expt. confirm. 2—4404

Isobaric analogue states
see also Nucleus/excitation
analogue resonances, theory by projection operators 2—14905
double-analog state formation in heavy nuclei, role of pairing 2—18188
excitation in meson-induced nuclear reactions 2—2790
inelastic scattering of polarized protons at analog resonances, analyzing power, polarization and spin flip 2—8333
isobaric mass equation, configuration state and T$_z^3$ term 2—14927
isobaric spin splitting, influence of shell structure 2—14913
one nucleon stripping reactions to unbound nuclear states 2—15001
photonuclear giant dipole resonance, evidence for spin splitting 2—38561
potential model interpretation, rel. to nucleon reactions with even-even and even-odd targets 2—28026
resonance parameters, calculation method using Gamow wave functions 2—21367
resonances in isospin-forbidden deuteron channels 2—31515
structure, shell model configuration state mixing 2—5632
structure studies of final states by double charge exchange of pions 2—31564
^{170,172,174,176}Yb, study by (p,p′) reactions, 10-15 MeV 2—18136
^{a}Ca, A=39, 41, 43, 47, levels deduced from ^{40,42,44,48}Ca(p,d) reactions, spectroscopic factors derived from DWBA analysis, obs. of analogue states 2—35036
^{41}Ar, obs. through reaction ^{40}Ar(p,p′γ)^{40}Ar 2—34935
^{73}As, study by reaction ^{72}Ge(p,p′e) at 3.3 to 4.7 MeV 2—34946
^{9}B, first T=$^3/_2$ analogue state, Coulomb interaction contribution to width 2—14932
^{11}B, giant dipole resonance, evidence for isobaric spin splitting 2—38561
^{138}Ba(e,e′p) reaction 2—2770
^{9}Be, first T=$^3/_2$ analogue state, Coulomb interaction contribution to width 2—14932
^{208}Bi, force dependence of 0$^+$ states 2—21399
^{13}C, calc. in multishell configuration space 2—34912
^{14}C, 1p hole states 2—18233
^{49}Ca ground state, gamma-ray decay 2—31469
^{140}Ce(e,e′p) reaction 2—2770
^{141}Ce, resonance properties in a unified model calculation 2—31547
^{33}Cl, studies by isospin forbidden resonances in ^{32}S(p,γ)^{33}Cl 2—34932
^{55}Co, study from ^{54}Fe(p,γ) reaction at ~3 MeV 2—21387
^{50}Cr, (^{3}He,t) transitions isobaric analog ground states, energy dependence 2—31583
^{53}Cr, 2.321 MeV excited level, obs. of IAR in ^{52}Cr(p,p) scattering 2—18186
^{59}Cu, M1 transitions from g$_{9/2}$ analog-to-antianalog states 2—18109
^{61}Cu, Mi transitions from g$_{9/2}$ analog-to-antianalog states 2—18109
^{63}Cu, M1 transitions from g$_{9/2}$ analog-to-antianalog states 2—18109
^{65}Cu, obs. in ^{64}Ni(p,p) ^{64}Ni scattering at 3.150 to 4.050 MeV 2—35027
^{19}F, calc. in multishell configuration space 2—34912
^{54}Fe, (^{3}He,t) transitions isobaric analog ground states, energy dependence 2—31583
^{65}Ga, M1 transitions from g$_{9/2}$ analog-to-antianalog states 2—18109
^{67}Ga, M1 transitions from g$_{9/2}$ analog-to-antianalog states 2—18109
^{3}He,p) reactions with even targets in Ca-Fe range, search for 0$^+$ antianalog states 2—11858
Mn, A=51, 53, 55, fine structure meas. using p scatt. and ^{54}Cr(p,n) spins, parities and partial widths obtained 2—2708
^{92}Mo(d,n)^{93}Tc, DWBA calculations for reaction to unbound analog states, ang. distributions determ. 2—11867
^{14}N, 1p hole states 2—18233
^{92}Nb, resonances observed in ^{91}Zr(p,n) reactions 2—5694
^{142}Nd(e,e′p) reaction 2—2770
^{62}Ni, (^{3}He,t) transitions isobaric analog ground states, energy dependence 2—31583
^{63}Ni, spin assignment, determ. from proton scatt. of ^{62}Ni 2—34945
^{30}P, ^{29}Si(p,γ) study 2—31460
^{31}P, calc. in multishell configuration space 2—34912
^{208}Pb(p,γ)^{209}Bi, 8.8 to 18.0 MeV, interfering giant dipole and isobaric analogue resonances 2—490

Isobaric analogue states continued
^{210}Po, obs. in ^{209}Bi(p,p′) reaction, study of level structure of ^{209,210}Bi 2—21400
^{210}Po, T=23 double analogue states of T=T$_3$=23 states in ^{210}Pb 2—14959
^{141}Pr, obs. in elastic and inelastic proton scattering from ^{140}Ce 2—18123
^{118}Sb, 0$^+$ analogue states, differential cross-sections for reaction ^{117}Sn(p,n)^{117}Sb 2—8340
^{120}Sb, 0$^+$ analogue states, differential cross-sections for reaction ^{119}Sn(p,n)^{119}Sb 2—8340
^{144}Sm(e,e′p) reaction 2—2770
^{124}Sn, inelastic decay of resonances with direct reaction background, investigation using ^{124}Sn(p,p′) reaction 2—2720
^{66}Zn, isobaric analogue resonance obs. in ^{65}Cu(p,n) and (p,nγ) reactions 2—8339
^{69}Zn, from ^{68}Zn(p,p$_1$′γ)^{68}Zn* study 2—2712
^{90}Zr, (^{3}He,t) transitions isobaric analog ground states, energy dependence 2—31583
^{90}Zr, giant dipole resonance, evidence for isobaric spin splitting 2—38561
^{90}Zr(γ,p)^{89}Y, search for anomalous strength 2—38574
^{91}Zr, excited by neutron bombardment of ^{90}Zr 2—38504

Isomer shift
crystal zero point velocity determination, rel. to Mossbauer obs. 2—36324
Mossbauer absorption spectra of E2 and E2/M1 transitions, observation of interference effects, effect on measurement 2—24136
Mossbauer effect, second order Doppler shift elimination 2—36831
Mossbauer investigation, magnetic materials, review 2—16428
Mossbauer spectroscopy calc. 2—36830
rare earths, Mossbauer isomer shift re-evaluation 2—18130
^{209}Bi muonic atom, analysis using weak coupling Hamiltonian of Bohr 2—12063
CdFe$_2$O$_4$, of ^{57}Fe measured from Mossbauer spectra in an applied magnetic field 2—1671
CdFe$_2$O$_4$ of ^{57}Fe measured from Mossbauer spectra in an applied magnetic field 2—1671
Co$_x$Te, x=0.54, 0.67, 0.85, Mossbauer effect 2—26132
DyM, M=Cu, Ag, Zn, Rh, Mossbauer obs. 2—26125
ErI$_3$, rel. to interpretation of unresolved quadrupole splitting in ^{129}I Mossbauer spectra 2—40629
Eu, Ab initio HF calculations of core relaxation and screening effects on s-electron density at nucleus 2—21522
EuSe:Gd(La), Mossbauer spectra 2—13444
Eu$_2$SiO$_4$, nuclear gamma resonance study 2—19855
Eu$_3$SiO$_5$, nuclear gamma resonance study 2—19855
^{153}Eu, muonic isomer shifts of γ-ray transitions, mean square radius of ground and excited states 2—18130
Fe-Ga solid solution, config. and conc. effects, Mossbauer obs. 2—33224
Fe-Pt alloy, ^{195}Pt Mossbauer effect 2—10322
Fe-Te system, stoichiometric or nearly stoichiometric compositions, Mossbauer obs. 2—36841
Fe, contrib. to Mossbauer energy shift 2—36325
Fe complex, FeSo$_4$.(CH$_2$NH$_3$)$_2$SO$_4$.4H$_2$, ethylenediammonium cation contrib. to Mossbauer parameters 2—13447
Fe$_{0.67}$Te, Mossbauer effect 2—26132
FeBr$_2$, di- and tetra-hydrates, Mossbauer spectra 2—19983
FeSO$_4$.7H$_2$O, trimethylene glycol solution, molecular motion, diffusion, Mossbauer effect 2—22738
^{57}Fe Mossbauer source 2—38492
Gd, Mossbauer effect theory 2—31488
Gd compounds, ^{155}Gd Mossbauer effect, quadrupole splitting 2—10326
GdI$_3$, rel. to interpretation of unresolved quadrupole splitting in ^{129}I Mossbauer spectra 2—40629
K complex, K$_2$MFe(NO$_2$)$_6$, (M=Ca, Sr, Ba, Pb), Mossbauer spectra 2—36846
K$_2$MFe(NO$_2$)$_6$, (M=Ca, Sr, Ba, Pb), Mossbauer obs. rel. to π-bonding of NO$_2^-$ group 2—36836
LaI$_3$, rel. to interpretation of unresolved quadrupole splitting in ^{129}I Mossbauer spectra 2—40629
Na$_2$[Fe(CN)$_5$NO].2H$_2$O, trimethylene glycol solution, molecular motion, diffusion, Mossbauer effect 2—22738
Na[Fe(CN)$_5$X].nH$_2$O, rel. to elec. field gradient sign determ. 2—36790
Ni-Fe, solid soln., of ^{57}Fe, Mossbauer obs. 2—4445
Ni$_{0.67}$Te, Mossbauer effect 2—26132
PbTiO$_3$, ferroelec., ^{57}Fe Mossbauer effect 2—36848
^{207}Pb muonic atom, analysis using weak coupling Hamiltonian of Bohr 2—12063
Pd-Fe, solid soln., of ^{57}Fe, Mossbauer obs. 2—4445
^{141}Pr, Mossbauer study, charge radius study 2—18124
Pt-Fe, solid soln., of ^{57}Fe, Mossbauer obs. 2—4445
Pt-Ir alloy, n.m.r. and Mossbauer effect, ^{195}Pt and ^{193}Ir 2—26306
PtCl$_{2(4)}$(I$_2$)(O$_2$), of ^{195}Pt 99 keV transition 2—10322
Re:^{181}Ta, relative to Ta metal 2—36838
Sb-Bi alloys, Mossbauer obs., comp. depend., rel. to band struct. 2—16441
Sm, Ab initio HF calculations of core relaxation and screening effects on s-electron density at nucleus 2—21522
ZnFe$_2$O$_4$, of ^{57}Fe measured from Mossbauer spectra in an applied magnetic field 2—1671
ZnFe$_2$O$_4$, of ^{57}Fe measured from Mossbauer spectra in an applied magnetic field 2—1671

Isomerism
see also Nuclear isomerism
acetylacetone, structure of enol and keto tautomers determ. by electron diffraction 2—24498
acyl-pyrroles, cis and trans effects on dipole moments in solution 2—39380
amphetamines and related compounds, rotamer populations, p.m.r. 2—8729
aromatic hydrocarbons in soln., triplet monomers and excimers, lifetimes 2—9143
azines, substituted by amine groups, amine-imine tautomerism 2—21659
2-bromo-1-butene, i.r. spectra and rotational isomerism 2—24519
2-bromobutane, rotational isomerism from i.r. spectra in crystalline and glassy states 2—40685
bromopropene, rotational 2—28381
2-chloro-1-butene, i.r. spectra and rotational isomerism 2—24519
3-chloro-2-chloro-methyl-1-propene, rotational 2—28382
2-chlorobutane, rotational isomerism from i.r. spectra in crystalline and glassy states 2—40685
chloropropene, rotational 2—28381
cyclopropyl carbinyl chloride, microwave spectrum and rotational isomerism 2—15367

Isomerism continued
cyclopropyl carbinyl fluoride, microwave spectrum and rotational isomerism 2—15367
deoxycytidine-3′-monophosphate, energy calcs. for isomeric structure using extended Huckel theory 2—12234
1,2-dichloroethane, equil. const. and pot. barrier for rot. isomers 2—21676
1,2-dichloroethylene, isomerization photosensitization by benzaldehyde 2—10637
diethyl amine, rotational isomerism rel. to vibrational spectra 2—3082
dimethylaminodichlorophosphine, gauche conformer 2—28369
1,4-dioxane ring inversion barrier 2—28367
epichlorohydrin, microwave spectrum and rotational isomerism 2—15367
epifluorohydrin, microwave spectrum and rotational isomerism 2—15367
ethyl thiocyanate, rotational isomer 2—35327
ethylene glycol, trans- and gauche-configurations, i.r. absorption band spectra 2—38980
fluorophenols, o-, m- and p-, π-π^* emission spectra in near u.v. region 2—3090
haloalkenes, rotational 2—28381
haloalkenes, rotational 2—28382
2-iodobutane, rotational isomerism from i.r. spectra in crystalline and glassy states 2—40685
methyl isocyanide, isomerization, failure of RRKM theory 2—3109
methylhydrazine, cis and trans barrier heights 2—38990
monofluoroacetic acid, cis and trans conformations 2—38996
monofluorobenzaldehydes and derivatives, conformations 2—5982
n-alkanes, Raman spectra and rotational isomerism 2—40696
N-halogen secondary amides, i.r. spectra, cis-trans isomerism 2—28344
2-nitroethanol, rotational, i.r. spectra 2—28389
1-pentyne, rotational isomerism from microwave spectrum 2—8805
perionaphthothioindigo and 2-perionaphthopentiophen- 2′-(5′-methylthionaphthene)-indigo dyes, effect on photochromic properties of coloured films 2—40833
porphyrin, existence of tautomerism 2—28398
potential surface calculations, INDO and CNDO, rel. to isomer stability 2—8718
propenes, chlorinated, rotational, steric effects, n.m.r. obs. 2—12227
pyridines, lactam and thione forms, tantomerism and electronic structure 2—28406
pyrimidines, lactam and thione forms, tantomerism and electronic structure 2—28406
tetrabenzopentafulvalene derivatives, geometrical n.m.r. obs. 2—12281
2,3,4,5-tetrachloro-trans-hexatriene, obs. of conformational isomerism by rotation about single C-C bond 2—8825
1,2-disubstituted tetrafluoroethanes, rot., n.m.r. spectra, coupling consts. 2—12283
toluene, toluene-d_5, rotational isomerism of methyl groups rel. to interpretation of i.r. spectra 2—15398
tripropargyl amine, i.r. and Raman spectra, vibr. assignments, rotational isomerism 2—18533
C_2N_4, cis and trans symmetry 2—38895
$(CO)Fe(PF_3)_4$, C_{3v} and C_{2v} isomers, vibrational assignments and enthalpy difference 2—24446
Co complexes, X-ray obs. 2—32452
Fe complexes, derivatives of $[SCH_3Fe(CO)_3]_2$ 2—785
HNO_2, cis and trans isomers, comparison of structures, dipole moments and quadrupole coupling constants 2—788
Pt complexes, Pt(II)-olefin, from Br n.q.r. 2—5947
Isomerization *see Isomerism*
Isomorphism
muscovites, i.r. spectroscopic study of isomorphic changes 2—29919
protein, direct determ. of heavy atom positions in isomorphic substitution 2—32485
protein cryst., semi-isomorphism test using higher moments intensities 2—9501
$AgAl_{11}O_{17}$, sodium β-alumina isomorph., stoichiometry and defect struct. rel. to cation mobility 2—18965
$BaI_2.2H_2O$, n.q.r. of ^{127}I, struct. relns. between iodide, bromide and chloride dihydrates 2—30035
KCl:Pb, spectroscopic determination of conc. limits for isomorphic substitution 2—39711
NaCl:Pb, spectroscopic determination of conc. limits for isomorphic substitution 2—39711
Isotope effects
see also Isotope shifts
acetone-^{18}O, effect on nonradiative relaxation 2—35301
anthracene-d_{10}-fluorene mixed crystals, e.s.r., influence of deuteration and energy transfer 2—20154
azulene, deuterium isotope effect on fluorescence lifetime 2—21661
benzene single crystals, self-diffusion, isotope mass effect 2—25464
carbon tetrachloride, depolarization ratios of isotope lines 2—38941
formic acid molecule, rot. spectrum 2—18509
hydrocarbons in nitromethane, critical solution points, influence of nitromethane deuteration 2—39343
matrix Raman spectroscopy, isotope splitting 2—8529
methyl radical reactions with HCl and H_2S, activation energies and kinetic isotope effects 2—26338
on molecular ionization yields of molecules excited above first ionization potential 2—759
naphthalene, fluorescence and nonradiative decay, deuteration effect 2—28390
phenazine-fluorene (anthracene) mixed crystals, e.s.r., influence of deuteration and energy transfer 2—20154
pyrene-d_{10}-fluorene mixed crystals, e.s.r., influence of deuteration and energy transfer 2—20154
trifloromethyl radical reactions with HCl and H_2S, activation energies and kinetic isotope effects 2—26338
vapour pressure, near triple point 2—9202
Ag, diffusion, simultaneous of ^{105}Ag and ^{110}Ag, isotope effects, 1046-1227K 2—25466
$AgNO_3$, internal electromigration mobilities of ^{22}Na and ^{24}Na, relative difference 2—28827
AlCl, AlBr, AlI, millimetre wave rotational spectra, determination of rotation-vibration interaction 2—21588
Ar, liquid-vapour isotope fractionation from triple point to critical point, mean Laplacian of intermolec. potential 2—39432
BO_2^-, i.r. spectra, ^{17}O and ^{18}O effects 2—24439
ClO_3^-, in alkali halide matrices, i.r. spectra, site symm., Cl isotope effects 2—36874
$GeCl_4$, depolarization ratios of isotope lines 2—38941

Isotope effects continued
H/D, solubility in f.c.c. metal, calc. 2—19260
H_2/D_2, adsorption on W 2—12688
H spectrum, in d.c. arc plasma 2—695
$H_2^+ + H_2$ and isotopic variations, reaction kinetics from ion cyclotron resonance 2—30048
Hg (A=183,185), isotope shift in optical pumping rel. to nuclear size distribution 2—27992
$KBr:OH^-$, complex dielectric susceptibility, paraelectric relaxation 2—10116
LaH_xD_y, $x, y \leqslant 2$, $2 \leqslant x+y \leqslant 3$, proton, mag. reson. 2—26303
LiF, electromigration of isotopic ions 2—9621
α-N, n.q.r. of ^{14}N and ^{15}N, temp. depend., isotope effects, $T<35.6K$ 2—26316
NaCl, Na^+ diffusion, temp. depend. 2—39742
$NaNO_2$, NO_2^- internal mode shifts 2—6652
O_3 isotopic molecules, inert-gas matrix isolated, i.r. absorption spectra 2—8690
$RbCl:OH^-$, complex dielectric susceptibility, paraelectric relaxation 2—10116
SbBr, ^{79}Br and ^{89}Br effects on electronic spectra 2—28325
$SiCl_4$, depolarization ratios of isotopes lines 2—38941
$SnCl_4$, depolarization ratios of isotope lines 2—38941
TlCl isotopes, h.f.s. and Zeeman and Stark effects, molec. beam resonance meas. in different vibrational states 2—21645
Zr, A=90-92, 94, 96, elastic scattering of electrons, isotopic dependence of simple charge distributions 2—11820
ZrB_{12}, supercond. isotope effect due to optical phonon modes 2—6782
Isotope exchanges
metal-metal ions in solution, one step electron transfer mechanism 2—13562
two step electron transfer 2—10595
^{14}C and ^{18}O between HCO_3 in saline solution and solid $CaCO_3$ 2—16768
$D_2+2HCl=H_2+2DCl$ using dimethylformamide as solvent, electrochem. determination of equilibrium constants 2—22854
H+DCl, comparison of isotope exchange and abstraction mechanisms 2—16671
Li, electrochemical investigations in diglyme and propylene carbonate, equilib. consts. 2—22855
Isotope separation
see also Radiochemistry
cold cathode Penning source, low energy isotope separation of high charge states 2—34334
heavy-ion accelerator, on-line separator 2—24123
laser light radiation pressure applic. 2—34411
nuclear spectroscopy, on-line, retention of inert gases ion implanted in transport tapes 2—12060
plasmatron ion source for electromagnetic separator 2—740
^{111}In, cyclotron production from ^{111}Cd, for nuclear medicine applications 2—28239
Isotope shifts
alkyl platinum compounds, i.r. spectra 2—831
atomic absorption spectra, hyperfine struct. 2—8437
α-clycine, in determination of valence force field 2—28379
Hartree Fock results, quality 2—11936
paramagnetic molecule, isotropic n.m.r. shift, liquid and solid state 2—6250
quinoxaline, vapour and mixed crystal spectra, $\pi^* \leftarrow n$ transition 2—10400
urea, ^{15}N isotope effects on i.r. spectrum 2—28418
CaF_2, containing ion pairs of Gd, Ce, Pr with H, D, T, electron-phonon interactions 2—10499
Cd II, in resonance lines, size of specific mass shifts in alkali-like resonance lines 2—5784
Cd II, screening effects 2—586
Ce IV, screening effects 2—586
Dy i, shifts in visible region of spectra 2—31661
Er i, shifts in visible region of spectra 2—31661
Eu, Ab initio HF calculations of core relaxation and screening effects on s-electron density at nucleus 2—21522
^{72}GeO, ^{74}GeO, electronic transition 2—31793
LaH_xD_y, $x, y \leqslant 2$, $2 \leqslant x+y \leqslant 3$, proton mag. reson., isotope effects 2—26303
α-N, n.q.r. of ^{14}N and ^{15}N, temp. depend., isotope effects, $T<35.6K$ 2—26316
Ne spectra, gain method of measurement 2—21514
SO_2, in absorption spectra near 2300 Å 2—15335
Sn IV, in resonance lines, size of specific mass shifts in alkali-like resonance lines 2—5784
Sn IV, screening effects 2—586
SrF_2, containing ion pairs of Gd, Ce, Pr with H, D, T, electron-phonon interactions 2—10499
Isotopes
mass spectrometry with radioisotope ion sources 2—11930
medical diagnosis of liver malignancy, scanning, compared to ultrasound 2—17115
neutron rich, thermonuclear synthesis 2—8368
radioisotope production in nuclear power reactors 2—38862
radioisotopes, rel. to powering thermoelectric generators 2—14364
rare earth isotopes, moments of inertia as function of neutron number 2—2726
^{60}Co, radioisotope power device, MAPLE, nuclear batteries 2—14360
HCN isotopes in Ar matrices, i.r. spectra 2—8643
Ir(A=179, 180, 181), production by irradiation of Ho with ^{22}He and ^{20}Ne 2—11772
^{216}Pa production by bombardment of Os with P and Au with Mg 2—8365
^{234}Pu production, irradiation of ^{237}Np, minimum ^{236}Pu contamination 2—8394
U enrichment, review 2—3010
W(A=170, 171), production by irradiation of Gd with ^{22}Ne and ^{20}Ne 2—11769
detection
see also Mass spectra; Radioactivity
cosmic ray isotope and charge resolution using large area scintillation-Cherenkov-total energy telescopes 2—27811
light isotope discrimination in 600 MeV proton reactions 2—24411
ratios meas., digital method 2—20209
surface composition anal. using ion scattering spectrometry 2—20216
^{227}Ac and ^{228}Th, formed during ^{226}Ra irradiation in SM-2 reactor 2—40836
^{3}H, det. of efficiency of NTB nuclear track emulsions 2—5603

Isotopes continued
relative abundances
see also Elements/relative abundances
ion counting method of obs. using mass spectrometer, sensitivity and accuracy 2—11926
ionosphere E-region, abundances of metallic ions 2—41006
n.m.r. satellite line study 2—5906
^{7}Be in the atmosphere. artificial production in thermonuclear explosions 2—30302
^{12}C/^{13}C ratio determined from CO interstellar lines in the spectrum of zeta Ophiuchi 2—20600
^{110}Cd, spectral analysis by isotopic dilution method 2—37067
^{158}GdO/^{157}GdO lunar rocks, enrichments due to neutron capture, irradiation histories 2—13978
H/D, precision measurement by mass spectrometry 2—20208
Kr, mass fractionation and isotopic anomalies in chondrites 2—17042
O_2 in atmosphere 2—37133
^{16}O/^{18}O ratio in ice cores from polar regions, rel. to atmospheric turbidity and surface temperature 2—30263
^{18}O/^{16}O profiles through the Antarctic and Greenland ice sheets 2—22941
^{33}S/^{32}S, ^{34}S/^{32}S, ^{36}S/^{32}S in Apollo 12 samples 2—17027
^{149}Sm/^{154}Sm lunar rocks, neutron capture effects 2—13980
Ti in sunspots, det. from (0,0) band of TiO γ-system in umbral spectrum 2—41233
^{203}Tl, spectral analysis by isotopic dilution method 2—37067
U fuel, highly enriched, isotopic composition rel. to depletion 2—28152
^{236}U/^{238}U in terrestrial minerals and processed ore 2—40900
Xe, mass fractionation and isotropic anomalies in chondrites 2—17042
^{68}Zn, spectral analysis by isotopic dilution method 2—37067

Jahn-Teller effect
acetophenone in variety of matrices. phosphorescence, pseudo-Jahn-Teller distortion 2—29966
antiferromagnetic chain, uniform, distortion to alternating antiferromag. 2—4401
benzene $^3B_{1u}$ state, obs. of Zeeman effect, evidence for dynamic pseudo Jahn Teller distortion 2—20109
coupled system. oscillator behaviour of g values and magnetic circular dichroism 2—26154
cubic cryst., variational groundstate for dynamic effect 2—40583
cubic site, Hamiltonian for p-state equally coupled to E_{2g} and T_{2g} vibrs. 2—7012
ion interaction with triplet ground states 2—40586
light scattering, elementary excitations 2—19991
manganite spinel Mossbauer obs. 2—36829
methane, band splitting, high-resolution photoelectron spectra obs. 2—35340
obital triplet coupled to vibr. modes, vibronic states symmetry 2—4418
orbital triplet state coupled to triplet modes of vibr. 2—10284
photon-induced, for systems with degenerate electronic levels 2—26089
probe technique using transition metal and rare earth ions 2—20012
rel. to resonant Raman scattering, at impurity centres 2—16513
structural phase transitions, derivation of model 2—32757
transition metal ions, $3d^9$, at tetrahedral sites, field models modification 2—7013
AgBr:Cr^{2+}, rel. to temp. depend. of absorpt. 2—40656
AgBr:$Cr^{2+}(Fe^{2+})(Ti^{3+})$, rel. to temp. depend. of absorpt. 2—40657
AgCl:Cr^{2+}, rel. to temp. depend. of absorpt. 2—40656
AgCl:$Cr^{2+}(Fe^{2+})(Ti^{3+})$, rel. to temp. depend. of absorpt. 2—40657
α-Al_2O_3:Cr^{3+}, stress study of $^4T_2$ state, vibronic wavefunctions detn. 2—36787
Al_2O_3, a.p.r. theory 2—10492
Ar:Cs solid, optical absorpt. spectra 2—10392
CaO, F^+ absorpt. band obs. 2—7068
CaO, of F^+ centre 2—29911
CdS:Ti^{2+}. $^3A_2(^3F) \rightarrow {}^3T_1(^3F)$ absorpt. band 2—10371
Co^{2+}, in octahedral environment, lattice-ion interactions 2—7018
$CsTi(SO_4)_2 12H_2O$ and deuterated system, e.p.r., g-values 2—10288
Cu complexes, $M_2[M'Cu](NO_2)_6$ type. cooperative interactions 2—19943
$Cu_{1-x}Ni_xCr_2O_4$. spontaneous crystal distortions 2—16411
$DyAsO_4$. phase transition, Raman obs. 2—16534
$DyVO_4$, elastic props. of mag. controllable Jahn-Teller distortion 2—9802
$DyVO_4$, electron-phonon coupled modes, Raman theory 2—20066
$DyVO_4$, phase transition, Raman obs. 2—16534
$DyVO_4$, soft acoustic mode at cooperative Jahn Teller phase transition 2—25662
$Fe_{1-x}Ni_xCr_2O_4$, spontaneous crystal distortions 2—16411
GaP, dynamical interaction effects on e.p.r. of shallow acceptors 2—7119
p-Ge, evidence from magnetothermal conductivity meas. 2—33185
K complex, $K_2MCu(NO_2)_6$, (M=Ba, Pb) 2—36988
KBr:I, rel. to luminesc. from bound excitons, polarized light obs. 2—26236
KI:Tl phosphor. rel. to emission spectra 2—33314
$K_2PbCu(No_2)_6$, cooperative distortion due to Jahn-Teller instability 2—15967
$KZnF_3$:Mn^{2+}, Cu^{2+}, optical absorpt. spectra 2—10388
MgO:$Rh^{2+}(Pd^{3+})$, e.s.r. obs. 2—7121
MgO:V^{3+}, dynamical effects, a.p.r. obs. 2—20147
Ne:Cs solid, optical absorpt. spectra 2—10392
Ni complexes, $M_2[M'Ni](NO_2)_6$ type, cooperative interactions 2—19943
$NiCr_2O_4$. phase transition, X-ray crit. scatt. obs. 2—32777
Ni(II) complex $(Et_4n)_2NiCl$, rel. to spin-orbit splitting 2—36791
ReF_6, $^2E_{5/2g} \leftarrow {}^2E_{3/2g}$ transition, Jahn-Teller effects 2—3060
ReF_6, i.r. spectra, Jahn Teller vibrations, zeta const. 2—31825
Ta_2CrO_6-$TaCrO_4$ system, domain struct., paramag. 2—26095
$TbPO_4$, mag. ordering and Jahn-Teller distortion 2—36779
$TbVO_4$, electron-phonon coupled modes, Raman theory 2—20066
$TbVO_4$, phase transition, Raman obs. 2—16534
$TmAsO_4$. magnetically controllable cooperative distortion 2—4459
$TmVO_4$, ground state doublet splitting by Jahn-Teller distortion at 2.1K 2—22665
V(III) complex. trisacetylacetonate, Rel. to g-factor and susceptibility calc. 2—36793
Xe:Cs solid, optical absorpt. spectra 2—10392

Jet stream *see Atmosphere/movements*

Jets
see also Sprays
air, horizontal penetration into a fluidised bed 2—3296
air, hot, turbulent, heat transfer to flat plate, normal impingement 2—3298
air, mixing with lower-velocity air stream, in constant diameter pipe 2—1022
axisymmetric. quiescent and coflowing. eddy viscosity 2—24953

Jets continued
buoyant, discharged to quiescent stratified ambients. development 2—16823
n-butane free jets relaxation study from mass spectra temp. dependence 2—24518
Coanda effect investigation using streaming potential technique 2—39294
coaxial, developing and mixing with axisymmetric vortex flow 2—15557
coaxial, turbulent mixing coefficient correlation, with and without secondary flows 2—28699
confined laminar mixing of parallel streams, integrodifferential eqn. and variational formulation 2—35396
convective, spontaneous, initiated by explosion, destruction of cumulus clouds 2—26493
discharge. controlled, displacement of ionization equilibrium 2—15505
discontinuous, effect of thermal stratification on stability 2—24619
electric current, inducing motions in conducting fluid 2—12351
electrohydrodynamic, behind nozzle source of charged particles 2—39116
expansion-contraction behaviour of dilute polymer solutions 2—32202
falling sheet of water, stability 2—9063
flow, incompressible fluid, equation transformation using invariants 2—929
free expansion. development of distribution function on centreline 2—24620
free expansion, model for prediction of molecular scattering 2—24576
fresh water, laminar and axisymmetric vertical jet in stably stratified salt water environment, shroud production studied 2—6184
gas, breakdown of liquid droplets 2—1063
gas, for diffusion flame burners. reduced pulse det. 2—28704
gas, ionized, turbulent. boundary layer in longitudinal magnetic field 2—970
glass, variable viscosity, importance of two-dimensional fluid mechanics 2—1056
heated, deflecting flow interaction, temp., velocity, turbulence intensity profiles 2—18734
heated free jet at low Reynolds numbers, two-dimensional analysis 2—1056
hot, turbulence strength and characteristic parameters determ. from i.r. emission spectrum 2—39263
hydromagnetic instability, of 2-dimens. jet 2—18580
ink, for recording electrical signals, intensity modulation, electric control 2—32201
interaction forces, flow into supersonic stream 2—28701
laminar and axisymmetric vertical jet in stably stratified environment, shroud production studied 2—6184
laminar plant jet of liquid, steam condensation 2—28953
liquid, behaviour near thermodynamic critical regions 2—25022
liquid, behaviour of drops carrying different electrical changes investigated with microphotographs 2—32200
liquid, dynamics of high vel. jet generation 2—39313
liquid, nonlinear stability, crit. wavelength calc. 2—1055
liquid drop in high velocity gas jet 2—39312
liquid in gases, turbulence damping, inelasticity of collisions 2—24627
liquid theoretical analysis of effect of viscoelasticity on capillary breakup 2—25024
liquid-gas bubble mixtures, underexpanded jets 2—28767
liquid-in-liquid, mass transfer, conc. driving force 2—3350
in M87 galaxy, obs. of particle density and mag. field inside 2—16959
mixing in the transversal stream 2—1057
molecular jet bombardment of pure or mixed gas, obs. 2—38880
one-row system. issuing from round orifices 2—15558
plasma, electron density measurement with laser interferometer 2—28594
plasma, production using rhodamine dye laser 2—39159
plasma, protruding from capillary in high current discharge, investigation 2—32120
plasma, source with non-cylindrical electrode geometry 2—24764
plasma, thermodynamic state, dimensionless parameter, calcs. for Ar, H, N, O, He plasmas 2—18590
plasma, turbulent, structure and behavior obs. 2—35523
plasma in capillary-discharge high current, front velocity 2—32121
plasmatron, velocity meas. of weakly ionized gas stream using MHD pickup 2—15470
rocket thrust, math. derivation of optimum exit pressure condition 2—30382
salt water, laminar and axisymmetric vertical jet in stably stratified salt water environment, shroud production studied 2—6184
sound refraction by jet flow, numerical study by wave acoustics 2—20930
sound refraction caused by jet flow numerical ray tracing study 2—20929
subsonic jet shear layer, optical crossed-beam meas. of turbulence intensities 2—18721
subsonic swirling flow in nozzles, mass blocking concept 2—28700
supersonic, axisymmetric, impingement on perpendicular flat plate 2—3306
supersonic, expanding, cluster formation, effect of press., temp., nozzle size and test gas 2—21904
supersonic, nearly ideally expanded, noise generation 2—12492
supersonic, noise generating mechanisms 2—176
supersonic and subsonic, coexistence in a constant section duct 2—6139
supersonic flows, noise reduction 2—28713
supersonic gas flows, self-oscillations 2—35677
supersonic turbulent boundary layers, interaction-induced separation, two dimensional problem 2—35660
turbulent. axisymmetric, air. local entrainment rate in initial region 2—24959
turbulent. in transversal stream. trjectory and velocity calc. 2—12318
turbulent and wall, in uniform streaming flow 2—3285
turbulent cylindrical wall, flow and heat transfer predictions 2—25023
turbulent flows discharging into uniform crosswind, exptl. investigation 2—35654
two-dimensional turbulent wall, in moving stream with arbitrary pressure gradient. determ. flow and shear parameters 2—18725
two-dimensional underexpanded, flowfield analysis of plumes by time dependent method 2—28691
two-phase, particle velocity calc. 2—15615
vibrational nonequilibrium nozzle flows, similar solutions 2—24949
wall jet on curved surface, displacement and curvature effects 2—6039
Ar, freely expanding, perpendicular temp. meas. using mol. beams, translational freezing 2—28686
Ar, high temp. coaxial jet flowing into air wake, mixing 2—18720
Ar plasma, as excitation source, interference obs. 2—16704

Jets continued
- Ar plasma from h.f. induction discharge gas and electron temps. dependence on input power and flow rate 2—28503
- CO_2, freely expanding, perpendicular temp. meas. using mol. beams, translational freezing 2—28686
- CO_2 gas, high-energy, flow obs. 2—8915
- He arc jet, suprathermic fluctuations 2—35639
- He arc plasma jet, profiles of isolated He I lines 2—35184
- He turbulent, meas., hot-wire anemometry and digital techniques appl. 2—24971
- N_2, freely expanding, perpendicular temp. meas. using mol. beams, translational freezing 2—28686
- N_2 underexpanded, rotational temperature distribution analysis by rotational relaxation 2—6140
- Ne gas, high-energy, flow obs. 2—8915
- O_2 gas, high-energy, flow obs. 2—8915

Jets, cosmic-ray *see Cosmic rays/showers and bursts*

Jogs *see Crystal imperfections/dislocations*

Johnsen-Rahbek effect *see Adhesion; Electrostatics*

Johnson noise *see Noise/electrical*

Jordan-Thiry field *see Cosmology; Relativity/general*

Josephson junction *see Superconducting devices*

Josephson tunelling effect *see Superconductivity; Superconducting devices*

Joshi effect *see Discharges, electric/glows*

Joule-Thomson effect
- ethylene/methane, ethylene/N_2 ethylene/CO_2 experimental check of predictive calculation methods 2—3325
- inversion curve in compressibility-reduced pressure plane, envelope characteristic 2—28737
- isenthalpic flow, Joule-Kelvin coefficients and mantle convection 2—4627
- methane/CO_2, methane/ethylene, methane/N_2 experimental check of predictive calculation methods 2—3325
- minerals, temperature changes associated with adiabatic decompression in Earth 2—13622
- in natural gas, pressures up to 300 atmospheres, temperatures between −173 to +93°C 2—24978
- CO_2/ethylene, CO_2/methane, CO_2/N_2 experimental check of predictive calculation methods 2—3325
- experimental check of predictive calculation methods 2—3325
- H_2-N_2-methane mixtures, determ. exptl. isenthalps of Joule Thomson coefficients 2—24980
- He-N_2- methane mixtures, determ. exptl. isenthalps of Joule Thomson coefficients 2—24980
- N_2/CO,N_2/CO_2, N_2/ethylene experimental check of predictive calculation methods 2—3325

Jupiter
- artificial satellite orbit, perturbations due to nonsphericity 2—1924
- atmosphere, absorption coeff. and brightness temp. calc. in 6-14 micron range 2—26837
- atmosphere, dynamic aspects 2—26833
- atmosphere, H/He ratio, calc. from obs. of occultation of β Sco 2—7523
- atmosphere, implications of GeH_4 i.r. absorption spectra 2—12128
- atmosphere, inhomogeneous models 2—26831
- atmosphere, optical properties and structure 2—7522
- atmosphere, solar-composition, from observations of β Sco occultations 2—4966
- atmosphere, u.v. photometric observation of occultation of β Scorpii 2—4964
- atmosphere, vertical shear at visible cloud level 2—30555
- atmospheric circulation problems 2—4990
- atmospheric entry simulation, use of higher performance electric-arc-driven shock tube 2—20949
- atmospheric information, occultation curves of β Scorpii 2—4963
- atmospheric scale height from occultation of β scorpii 2—26834
- capture of comets, restricted three body problems 2—7713
- decametric L burst, long baseline analysis 2—37355
- decametric L-burst, transhemispheric v.l.b interferometry 2—30552
- decametric radiation, highest frequency rel. to position of I_0 2—11005
- decametric radiation enhancement caused by photoelectron emission from Io 2—33735
- disk, monochromatic coefficient of brightness 2—30554
- equatorial radius and oblateness using timings of occultations of β Scorpii 2—26836
- Europa, absence of post eclipse brightening 2—26839
- exospheric temperature variations rel. to solar cycle 2—7520
- Galilean satellites, exploration orbits 2—20447
- Galilean satellites, obs. of temps. at 20 microns 2—37369
- Galilean satellites, phase curves, model for non-atmospheric bodies 2—20637
- Galilean satellites, physical and chemical nature 2—7535
- Galilean satellites, problems in occultation predictions 2—4969
- Ganymede, thermal inertia from 20 μ eclipse radiometry 2—4972
- gravitational moments, for rotating planet, computed from available models 2—37356
- great inequality, influence on secular disturbing function 2—20680
- Io, absence of post eclipse brightening 2—26839
- Io, high resolution photographs, measurement of diameter 2—20679
- Io, Occulation of β Sco, Photoelectric obs. 2—26835
- Io, occultation of β^2 Scorpii, accurate determination of diameter, mean density and orbital position 2—4969
- Io, occultation of β Scorpii C, accurate determination of diameter and upper limit to density of an atmosphere 2—4971
- Io, occultation of β Scorpii C, estimates of atmosphere, mean density and topography 2—4968
- Io, occultation of β Scorpii C, photoelectric and visual observations 2—13999
- Io, occultation of β Scorpii C, stellar distance and apparent angular diameter from duration of immersion 2—4813
- Io, occultation of β Scorpii C, upper limits for surface pressure of various possible atmospheric compositions 2—4970
- Io, radius det. using timings of occultations of β Scorpii 2—26836
- Io position, rel. to highest frequency of decametric radiation 2—11005
- ionospheric model 2—30545
- isodensity maps of planet in 1968 and Great Red Spot (1968-70) 2—13998
- L-bursts, narrow band characteristics, radio obs. close to 18 MHz 2—26838
- magnetospheric, estimation of characteristics 2—30548
- mass, from motion of (76) Freia 2—1991
- mass corrections from motions of three asteroids 2—11006

Jupiter continued
- mass det. using motion of ninth satellite and Kalman Bucy filter 2 -30549
- mass determination from obs. of 5 outer planets and 7 minor planets 2—11002
- North Equatorial Belt, grating spectra from 4.5 to 5.1 μ 2—30553
- occultation, computer instrumentation and control program 2—4967
- occultation expedition, site selection, optical instrumentation and general organization 2—4965
- occultation of β Scorpii components, photoelectric light curves 2—30497
- occultation of multiple star β Scorpii (May 13, 1971) 2—33736
- occultations of β Scorpii A-component, position of Jupiter 2—4890
- perturbation of orbits of long-period comets with large perihelion distances 2—26862
- position, meridian obs. for 1963-67 2—1989
- radio flux at decimeter wavelengths, secular variations 2—30550
- radio noise in Earth ionosphere, Faraday rotation 2—1992
- rotational period, decametric, from flux density measurements 2—30551
- satellite capture conditions, three-body elliptical problem, capture at perihelion or aphelion 2—23115
- satellite capture of outer seven, three-body problem for planets in elliptical orbits as derivation 2—1993
- satellites, formation of outer groups 2—7521
- seasonal variations in planetary circulations, comparison with Earth and Saturn 2—41193
- spacecraft component survivability during entry into atmosphere 2—17036
- spectral and statistical properties in the decameter wavelength region 2—11007
- spectrophotometry of 1.5 μm window, NH_3 and methane absorption 2—26832
- synchrotron emission at 80 MHz 2—33734
- two-dimensional photometric image using a Si-target vidicon photometer 2—41268
- u.v. photometry from the Orbiting Astronomical Observatory 2—20675
- H_2 rich atmosphere gravitational instabilities prevented by solar tidal force 2—26824

K-capture *see Radioactivity/electron capture*

Kaons
- e.m. form factor meas. in lepton pair production cross-sections $\geqslant$40 GeV 2—14628
- e.m. form factors, possibility of meas. from (K,Kl^+l^-) reactions 2—14644
- e.m. mass differences, applic of off-shell $\rho\pi$ sum rules 2—2512
- new neutral possible existence predicted by $K_l \to \mu^+\mu^-$ decay rate 2—38287
- K^+-K^0 mass difference, estimates using broken chiral symmetry 2—34659
- K^0 meson theory, SU(2) and CP symmetry breaking model, Goldstone theorem 2—27733
- K^o, transmission regeneration amplitude on H_2, 14-42 GeV/c, phase and magnitude 2—31260
- $K_l{}^0 \to K_s{}^0$ e.m. regeneration on protons and light nuclei at high energy 2—14629
- CsI energy loss and range-energy relation 2—4091

decay
- *see also CPT conservation*
- diffractive dissociation, natural parity exchange and Gribov-Morrison parity rule 2—404
- experimental data review 2—21287
- $K \to 2\pi$, contribution of isospin-violating nonelectromagnetic term 2—11597
- leptonic, spontaneous breakdown of chiral symmetry 2—17891
- nonleptonic, duality and current algebra, $|\Delta I|=1/2$ rule 2—8156
- nonleptonic decay investigation in generalized Veneziano model, satisfaction of current algebra rules 2—8157
- weak-electromagnetic effects, use of chiral SU(3)×SU(3) pole model 2—14634
- $k^0 \to \gamma\gamma$ decay of parallel beams, kinematics 2—23843
- $K^0 \to \gamma\gamma$ decay of parallel beams, kinematics 2—34674
- $K^0 \to \pi\mu(e)\nu$, time distribution rel. to $\Delta S=\Delta Q$ rule 2—8154
- $K^0 \to \pi\pi\pi$, CP invariance violation 2—31261
- $K^+ \to \pi^+\gamma\gamma$, bubble-chamber search, test of Fujii model 2—23836
- $K^+ \to \pi^+\pi^- e^+\nu$, p-wave $\pi^+\pi^-$ scatt. parameters, study via decay modes $K_l{}^0 \to \pi^+\pi^0 e^- \nu$ 2—31263
- $K^+ \to \pi^+\pi^0$, soft-kaon analysis 2—17897
- $K^+ \to \pi^+\pi^+\pi^-$, analyses of secondary pion energy spectrum, violation of $\Delta I=1/2$ rule 2—11591
- $K^\pm \to \pi^\pm\pi^\pm\pi^\mp$, squared matrix, element, wire spark chamber expt. 2—27736
- $K_2{}^0 \to \gamma\gamma$, calculation of decay mode including SU(3) breaking and use of nonleptonic Hamiltonian 2—11594
- $K_2{}^0 \to \pi^\mp L^\pm \nu_e$, coulomb final-state interaction and $\Delta Q=-\Delta S$ effects 2—2547
- $K_2 \to \mu^+\mu^-$, effect of CP non invariance on decay rate 2—34657
- $K \to 3\pi$, contribution of isospin-violating nonelectromagnetic term 2—11597
- $K \to e\nu\mu^+\mu^-$, hard meson model, structure dependent effects 2—27737
- $K \to \gamma\gamma$, calculational problems 2—8155
- $K \to \mu\nu e^+e^-$, hard meson model, structure dependent effects 2—27737
- $K \to \pi e\nu$, test of locality in weak reactions, energy dependence of $\pi\pi$ phase shift and scatt. length 2—31264
- $K \to \pi\mu(e)\nu$, bounds on decay parameters 2—8164
- $K \to \pi\mu(e)\nu$, bounds on scalar and vector form factors 2—34658
- $K \to \pi\mu(e)\nu$, calc. of form factors in one soft pion formalism, relationship with K_{l4} decay 2—38285
- $K \to \pi\mu(e)\nu$, exact inequality and test of chiral SW(3) theory 2—11598
- $K \to \pi\mu(e)\nu$, form factor within framework of one particle saturation, consistency condition, broken chiral symmetry 2—31262
- $K \to \pi\mu(e)\nu$, form factors, effective Lagrangian model with SU(3)×SU(3) symmetry breaking 2—27739
- $K \to \pi\mu(e)\nu$, form factors, quadratic dependence on momentum transfer 2—17902
- $K \to \pi\mu(e)\nu$, isovector spectral function 2—31265
- $K \to \pi\mu(e)\nu$, low-energy theorem, current-algebra triangle approximation 2—17901
- $K \to \pi\mu(e)\nu$, lower bound on $\lambda_\parallel$ derived under assumption that chiral SU(2)×SU(2) breaking correction term to soft-pion theorem is positive 2—31268
- $K \to \pi\mu(e)\nu$, on kaon mass shell form factors 2—23835
- $K \to \pi\mu(e)\nu$, sum rules, κ resonance and effective range approx. for $(K\pi)$ S-scattering 2—38286
- $K \to \pi\mu(e)\nu$, test of soft pion theorem and chiral SW(3) model 2—17899
- $k \to \pi\mu(e)\nu$, violation of $|\Delta I|=1/2$ rule 2—11596
- $K \to \pi\mu(e)\nu$ decay form factors, bounds 2—17900

Kaons continued
decay continued
$K\to\pi\mu(e)\nu$ divergence form factor, $K\pi$ scattering and Pade approximations 2—23833
$K\to\pi\nu(e)\mu$, SU(3) sigma model and $(1,8)\oplus(8,1)$ symmetry breaking 2—21283
$K\to\pi\pi$, phenomenology 2—11595
$K\to\pi\pi$, strong isospin breaking 2—14633
$K\to\pi\pi$, violation of $\Delta T=1/2$ rule 2—17903
$K\to\pi\pi e\nu$, low energy axial vector form factors based on broken chiral symmetry 2—31266
$K\to\pi\pi\mu(e)\nu$, calc. of form factors in one soft pion formalism, relationships with K_{l3} decay 2—38285
$K\to\pi\pi\mu(e)\nu$, form factors and rates. application of chiral field algebra formalism 2—11592
$K\to\pi\pi\mu(e)\nu$, on kaon mass shell form factors 2—23835
$K\to\pi\pi\mu(e)\nu$ form factors calc. in broken SU(3)×SU(3) model 2—21284
$K\to\pi\pi\pi$, Khuri-Treiman model 2—17889
$K\to\pi\pi\pi$, strong isospin breaking 2—14633
$K\to\pi\pi\pi$, violation of $\Delta T=1/2$ rule 2—17903
$K\to\pi\pi\pi$ pion spectra and probability ratios of different modes 2—5526
$K_l^0\to e\pm\pi^\mp\nu(\bar\nu)$, charge asymmetry meas., CP violation effects 2—17894
$K_{\mu3}^\pm$, radiative corrections to muon polarization vector 2—14635
$K^o_\lambda\to\pi^\pm\mu^\mp\nu$, on-line scintillation counter control 2—5587
K_s branching ratios, rel. to limit on CPT invariance 2—17892
$K_s^0\to\pi\pi$, measurement of branching ratio using ~3200 K^0s produced by K^- charge exchange 2—11593
K^o-K^o system, CP violating parameters 2—27734
K^o, microscopic irreversibility and thermodynamical arrow of time, without CPT conservation 2—2546
$K_a\to K^*\pi$, vertex, calc. of sum rule based on techniques of current algebra and dispersion relations 2—2570
$\langle K_l/K_s\rangle$ new unitarity. bounds from generalization of grouping of CP violation theories into 2 classes 2—5524
K_l^0, meas. of two-photon decay rate 2—17895
K^0_l decays, pulses of long range field as source of CP noninvariance 2—23834
$K^0_l\to\pi^0\pi^\mp l^\pm\nu_e$, coulomb final-state interaction effects rel. to time-reversal invariance tests 2—2547
$K_l^0\to e^+e$-e^+e-, CP violation meas. 2—31263
$K_l^0\to\gamma\gamma$, through intermediate W_1 and W_0 bosons, mechanism 2—5523
$K_l^0\to\mu^+\mu$- puzzle, upper bound for contribution of 3π intermediate state to imaginary part of amplitude 2—17896
$K_l^0\to\mu^+\mu^-$, unitarity bound 2—17898
$K_l^0\to\mu^+\mu^-$, unitarity bound 2—14630
$K_l^0\to\nu_l\nu_l$, considered when neutrinos have mass 2—34611
$K_l\to2\mu$, possible CPT violation 2—17893
$K_l\to\gamma\gamma/K_l\to\pi^0\pi^0\pi^0$ branching ratio meas. 2—5525
$K_l\to\mu^+\mu$-, possibility that observed suppression of rate is due to three pion intermediate state with anomalously large amplitude discussed 2—11578
$K_l\to\mu^+\mu^-$, exptl. investigation rel. to weak interaction theory 2—38216
$K_l\to\mu^+\mu^-$, possible existence of new low mass fermion 2—31267
$K_l\to\mu^+\mu^-$, suppression of decay rate explained by possible existence of new neutral kaons 2—38287
$K_l\to\mu^+\mu^-$ puzzle. contributions from intermediate 3π states 2—31269
$K_l\to\mu^+\mu^-$ puzzle. test from meson$\to\gamma l\bar l$ decay 2—23830
$K_l\to\pi^+\pi^-$ CP-transforming decay methods for meas. phase difference between this and CP-conserving decay $K_s\to\pi^+\pi^-$ 2—27735
$K_l^o\to\mu^+\mu^-$, nonlocal weak current-current coupling 2—14632
$K_l^o\to\pi^+\pi$-, 3-10 GeV/c, in liq. H_2, proper time distribution of coherent $\pi^+\pi$- decays 2—2545
$K_{l,s}^0\to\mu\mu$. CP violating neutral leptonic currents 2—34656
$K_{l,s}^0\to\pi^+\pi^0e$-ν, for distinguishing p wave $\pi^+\pi$- scatt. parameters of $K^+\to\pi^+\pi$-$e^+\nu$ decay 2—31263
$K_s\to\pi^+\pi^-$ CP-conserving decay, methods for meas. phase difference between this and CP-transforming decay $K_l\to\pi^+\pi^-$ 2—27735
$K_{s,l}\to\mu\mu$, CP violation 2—17919
$\tau^\pm$, CP violation, asymmetry in slope parameters 2—27738
$K\to\pi\mu(e)\nu$, Cabibbo angle determination, resolution of discrepancy 2—2548
$K_s\to l\bar l\gamma$, predominance over $K_s\to l\bar l$ 2—14631

interactions
K-$+n\to K^0p$, phenomenological study of amplitude 2—34663
K^-, 1-3.3 GeV/c. absorption cross section on C and Cu 2—17918
K^+, 1-3.3 GeV/c. absorption cross section on C and Cu 2—17918
$K^+\to K^0p$, 10 GeV/c, cross sections determ. 2—14638
$K\bar K$, S-matrix, internal symmetry propagation 2—368
KN, medium energy, inclusive cross sections 2—34666
KN charge exchange reactions, rel. to tests of exchange degeneracy and duality 2—17908
KN partial cross sections deduced from K^+d interaction data from 865-1585 MeV/c 2—405
$KN\to K^0N$ charge exchange, universality and complex Regge pole factorization 2—21264
$KN\to K^+N$, near threshold, production and decay angular distributions interpreted in terms of t-channel phenomena 2—405
$\bar KN\to K\Xi$. exchange cross sections, Regge cut contributions 2—406
K^-N, in K mesic atoms 2—21555
$K^\pm N\to K^{*0}N$ charge exchange. difference between K^+ and K^- reactions obtained in absorption model using Reggeized π and ρ exchange 2—17956
$\bar KN\Lambda\pi\pi$, dual amplitude with spin 2—17890
$K^-+p\to\Lambda+$anything, inclusive reactions, scaling properties 2—34665
$K^0(\bar K^0)p\to Q^0(\bar Q^0)p$, cross over obs. in production differential cross sections 2—31302
K-d, at 3.4 GeV/c, final states with visible $\bar K^0$ 2—21286
K^-d, 3.4 GeV/c. study of final states with Λ-hyperon, resonance production 2—23838
K^-d, at 4.5 GeV/c, final states with three charged particles and visible $\bar K^0$ production 2—8159
K^+d, 0.6 to 1.5 GeV/c, partial cross sections 2—23839
K^+d, 865-1585 MeV/c, determ. of partial cross sections, extraction of isospin 0 KN partial cross sections 2—405
$K^+d\to K^0\pi^+d$, 12 GeV/c, coherent reaction, cross sections 2—31272
$K^+d\to K^+\pi^+\pi^-d$, 12 GeV/c, coherent reaction, cross sections 2—31272
K-$n\to p$-π-$p\bar K^o$, study at 4.91 GeV 2—34668
K-$n\to\pi$-π-$p\bar K^on$, study at 4.91 GeV 2—34668
K-$n\to\pi$-π-$p\bar K^o\pi^o$. study at 4.91 GeV 2—34668
K^-n, at 4.5 GeV/c, final states with three charged particles and visible $\bar K^0$ production 2—8159

Kaons continued
interactions continued
$K^-n\to\Sigma^\mp+$mesons, 4.93 GeV/c, cross sections, four momentum transfer distributions, density matrix elements 2—5528
$K^-n\to\pi^-\Lambda$, differential cross section and polarization, model with exchange degeneracy and duality failure of Regge cut models 2—17911
$K^-n\to\pi^-\Lambda^0$, 3 GeV/c, angular distribution and polarization in new interference model 2—14639
$K^-n\to\pi^-\pi^-\pi^+\Lambda^0$, 4.91 GeV/c, meas. of reaction cross section and cross section for resonance production 2—34667
$K^-n\to\pi^-\pi^-\pi^+\Lambda^0\pi^0$, 4.91 GeV/c, meas. of reaction cross section and cross section for resonance production 2—34667
$K^-n\to\pi^-\pi^-\pi^+\Sigma^0$. 4.91 GeV/c, meas. of reaction cross section and cross section for resonance production 2—34667
$K^+n\to k^+\pi$-p, 9 GeV/c, $K^*(890)$ production 2—11631
$Kn\to K^0p$, differential cross section, Pomeranchuk theorem violation 2—8151
K-p, 10 GeV/c quasi two-body reactions, study of $K^*(890)$ and $K^*(1420)$ production 2—14685
K-p, 3.9 and 4.6 GeV/c, production and decay properties of $K^*(890)$ and $K^*(1420)$ 2—14686
K-p, channel cross sections from 1.26 to 1.84 GeV/c 2—21285
K-p at 10 GeV/c, study of Σ production 2—34735
K-$p\to\bar KN\pi$, study at 4.2 GeV/c 2—34669
K-$p\to Y^0+$vector meson, 3.15 and 3.3 GeV/c, comparison of data with quark model predictions 2—27740
K-$p\to\omega\Lambda$. 1915-2168 MeV, differential cross sections, density matrices, partial wave anal. 2—14641
Kp, $K_l^0\to K_s^0$ e.m. regeneration studied 2—14629
K^-p, 10 GeV/c, diffraction dissoc. and charge, strangeness exotic exchange processes in 4-body final states 2—5529
K^-p, 3.95 GeV/c, search for Ξ^* resonances 2—23895
K^-p to $O^{-1}/_2{}^+$ final states, 3.95 GeV/c, determ. cross sections, angular distr. and polarizations 2—14636
$K^-p\to K^-p\pi^0$, study of $\Sigma(1760)$ formation 2—38330
$K^-p\to K^-\pi^+n$, 1.33.to 11.2 GeV/c, applic of dual resonance model for $K^-K^+pn\pi^-$ system 2—17906
$K^-p\to\bar K^0\pi^-p$, inclusion of spin in Veneziano model 2—17912
$K^-p\to K^{*-}p$, inclusion of spin in Veneziano model 2—17912
$K^-p\to K^{*0or-}(1420)N$, 14.3 GeV/c, three body final states, cross sections and density matrix elements 2—23840
$K^-p\to K^{*0or-}(890)N$, 14.3 GeV/c, three body final states, cross sections and density matrix elements 2—23840
$K^-p\to\bar K^{*0}\pi^-p$, dual five-point amplitude study 2—31270
$K^-p\to K^*(890)\pi^-p$, Reggeon-particle spin couplings in Feynman-diagram models of Reggeization 2—14589
$K^-p\to\Lambda(1327)\pi^0\to\Lambda\gamma\pi^0$, 740 MeV/c, search for $\Lambda(1327)$ 2—17979
$K^-p\to Q^-p$, 8.25 GeV/c, helicity conservation 2—8160
$K^-p\to\Sigma(1385)\pi$, production mechanism with total energy in vicinity of $\Lambda(1520)$ resonance 2—17981
$K^-p\to\Xi^-\pi^+K^0$, obs. of $\Xi\pi$ resonance with mass 1606 MeV/c² 2—21307
$K^-p\to(p\pi^+\pi^-)K^-$, 10 GeV/c, observation of $(p\pi^+\pi^-)$ mass enhancement 2—430
$k^-p\to k^-\pi^+n$, study at 3 GeV/c 2—2550
$K^-p\to\omega\Lambda$, bubble chamber investigation at 1915 to 2168 MeV, energy dependent partial wave analysis 2—34664
$K^-p\to\pi^-\Sigma^+$, duality diagrams for forward reaction amplitude, predictions tested 2—14637
$K^-p\to\pi^+\Sigma^-$, exchange cross sections. Regge cut contributions 2—406
K^+p, 2.1- to 2.7 GeV/c, cross sections 2—8161
k^+p, rapidity correlations between negative pions produced 2—31271
K^+p 15-60 GeV/c., total cross sections meas. 2—5556
$K^+p\to K^0\Delta^{++}$, 2.25 GeV/c incident momentum, meas. of differential cross-section, spin density matrix elements 2—38289
$K^+p\to K^0\Delta^{++}$, higher spin production processes, Veneziano model with absorptive corrections applied 2—38288
$K^+p\to K^0+$anything, inclusive reaction, Reggeon total cross sections 2—31231
$K^+p\to K^0+n(\text{charged})+X^0$ semi-inclusive reaction at 5, 8.2. 16 GeV/c, scaling properties 2—38290
$K^+p\to KN\pi$, resonance production in intermediate energy range 2—17907
$K^+p\to K^{*0}\pi^+p$, dual five-point amplitude study 2—31270
$K^+p\to K^*$ (890 or 1420) $+ X^+$, inclusive reactions at 8.2 GeV/c 2—17909
$K^+p\to K^*(890)\pi^+p$, Reggeon-particle spin couplings in Feynman-diagram models of Reggeization 2—14589
$K^+p\to\pi^-+$ anything, analysis using peripheral representation, two body exotic exchange amplitude 2—2576
$K^+p\to\pi^+{}_k{}^0$, 12 GeV/c, detailed fits to data using generalized Veneziano model 2—17910
$K^\pm p$, scaling of high energy total cross sections, angular momentum cuts 2—8197
$K^\pm p\to K^{*\pm}(1420)N$, energy dependence of cross sections 2—23841
$K^\pm p\to K^{*\pm}(890)p$, energy dependence of cross sections 2—23841
$K^+p\Sigma K^{*+}p$, higher spin production processes, Veneziano model with absorptive corrections applied 2—38288
$K\pi$, low energy phenomenology, review 2—38262
$K^+p\to K^*$ $K^+p\to K^{*0}N^{*++}$, quark model predictions, expt. verification 2—5527

production
high energy reactions, inclusive and exclusive, producing large nos. of particles 2—27723
inclusive particle producing reaction. strong exchange process thermodynamic model 2—27724
multiperipheral dynamics 2—11599
nuclear interactions, at few TeV energy 2—38295
photoproduction. Regge pole model with cuts 2—34660
photoproduction apparent anomaly and stray baryonic states 2—21281
e-$p\to e$-$K^+\Lambda(\Sigma^0)$ obs., e-K coincidence meas. 2—34616
K/π ratio, angular behaviour at high energy in multi-Regge model 2—17904
K^+ peripheral production in π^-p interactions from 2.75 to 10 GeV/c 2—17905
K^+ yield from 70 GeV p interaction obs. 2—5555
$K^\pm$, inclusive single particle spectra in pp collisions, triple Regge limit, 14-70 GeV/c 2—27773
K^*- (890), coherent prod. by K- at 10 and 12.7 GeV/c on $A\doteq20$ nuclei 2—8158
K_l^0, produced in inclusive pp interaction. test of limiting behaviour 2—17978

Kaons continued
  production continued
    K° from 11.8 GeV/c k^+p, isotropic reaction obeying Bose Einstein distribution, temperature of hadronic matter 2—5544
    K^+K^-, from proton-antiproton annihilation from 700 to 1100 MeV/c, determ. diffr. cross sections 2—14700
    K^+K^- from π^+p reaction, 7 GeV/c, analysis of observed anomaly in $\pi\pi$ s-wave scattering near $K\bar{K}$ threshold 2—23865
    $K^+\Lambda^0$ photoproduction from hydrogen at constant momentum transfer between 1.05 and 2.2 GeV 2—34661
    $K^+\Sigma^0$ photoproduction from hydrogen at constant momentum transfer between 1.05 and 2.2 GeV 2—34661
    K^* photoproduction, low energy description and duality relations 2—34662
    $\bar{N}N\rightarrow K\bar{K}$, possible physical mechanism above 1.2 GeV/c where interference effects appear to disappear 2—27770
    pp interactions, π and K spectra, empirical formula 2—21303
    $pp\rightarrow k^0$+(anything), very high energies, small K/π ratio shown to be due to difference in longitudinal mass 2—23837
  resonances *see Mesons/resonances*
  scattering
    $(K\pi)$ S-scattering, effective range approx. in sum rules for K_{l3} form factors 2—38286
    KK, dual resonance model with exotic resonances 2—31295
    $\underline{K}K$, dual resonances model with exotic resonances 2—31295
    $\bar{K}N$, charge exchange, Veneziano model with cuts 2—38291
    $\underline{K}N$, charge exchange, Veneziano model with cuts 2—38291
    $\bar{K}N$, determ. of high energy scattering amplitudes from data on K-p elastic and charge exchange scattering 2—11600
    $\underline{K}N$, differential cross section, Pomeranchuk theorem violation 2—8151
    $\bar{K}N$, dual features of elastic scatt. amplitudes 2—34670
    $\underline{K}N$, forward scattering, sum rules, zerology of amplitudes 2—2552
    $\bar{K}N$, multichannel partial wave analyses in region 0 to 1400 MeV/c 2—17913
    KN, regeneration $K_2^0\rightarrow K_1^0$ in complex angular momentum theory 2—34671
    KN, Reggeized multiple scattering quark model, total cross sections 2—17916
    KN and KN, Veneqiano model, exotic trajectories and pomeranchukon 2—11601
    KN forward scattering, high energy phenomenology, Regge pole models tested 2—23859
    $\bar{K}N$ scattering length calc. from X-ray transitions of K-mesic atoms 2—34672
    $KN\Lambda$, coupling constants and zeros in ω-plane of T^+ and T^- KN amplitudes 2—2552
    $K\mp p$ forward elastic scattering, 6-17.5 GeV/c, trends in polarization data 2—34726
    $K_lp\rightarrow K_sp$, 15-35 GeV, K^0 regeneration amplitude 2—31273
    K-p elastic and charge exchange date, determ. high energy $\bar{K}N$ scattering amplitudes 2—11600
    Kp, 2.11-2.72 GeV/c, analysis of elastic channel, differential cross-sections 2—5530
    K^-p, elastic, connection with $K^-p\rightarrow(K^-\pi^+\pi^-)p$ dissociation, dual diffractive model 2—408
    K^-p, elastic scatt. round 1950 MeV 2—2549
    K^-p, low energy, Coulomb and mass difference corrections to charge independent parameters 2—17914
    K^-p forward scatt. amplitudes, real parts 2—8162
    $K^-p\rightarrow(\kappa^-\pi^+\pi^-)p$ dissociation, connection with elastic K^-p scatt., dual diffractive model 2—408
    K^+p, elastic, finite-energy sum rules and fixed poles 2—17917
    K^+p, phase-shift analyses of zeros of scattering amplitudes obtained by shortest path method, study of discontinuities 2—38293
    K^+p elastic, between 432 and 939 MeV/c, determ. cross sections 2—14642
    K^+p elastic scattering, 0.5 to 2.5 GeV/c, phase shift analyses 2—23842
    K^+p forward scatt. amplitudes, real parts 2—8162
    K^+p low-energy scott data below 1 GeV/c re-analysis 2—2551
    $K^+p\rightarrow K^0\Delta^{++}(1236)\rightarrow K^0p\pi^+$, 0.9-1.5 GeV/c, partial wave analysis 2—27741
    $K^\pm p$, elastic, angular dist. above 3 Gev/c, description combining Regge and absorption models 2—409
    $K^\pm p$, elastic, dual absorption model comparison with pp, $\bar{p}p$ and $\pi^\pm p$, elastic scattering near 8 and 16 GeV/c 2—34724
    $K^\pm p$, forward scatt., dispersion relations 2—8163
    $K^\pm p$, high energy total and differential cross sections using shielded fixed-pole Pomeranchon model 2—23863
    $K^\pm p$ elastic scatt., 5 GeV/c, obs. of K-p backward peak, cross sections 2—31274
    $K^\pm p$ forward scattering amplitudes, theoretical model independent determ. of zeros 2—27742
    $K\pi$, K_{l3} divergence form factor and Pade approximations 2—23833
    $K\pi$, T=3/2 elastic scatt. cross section using Durr-Pilkuhn form factor 2—14640
    πK, dual resonance model with exotic resonances 2—31295
    πK, low energy, K-matrix model 2—27754
    $\pi\underline{K}$, unitarity sum rule, one term Veneziano model 2—2561
    $\pi\bar{K}$ backward, possible difficulties with u-channel exchange degeneracy 2—34686
    πK scatt., low energy, consequences of broken $SU(3)\otimes SU(3)$ 2—14650
    ΣKN, coupling consts. and zeros in ω-plane of T^+ and T^- KN amplitudes 2—2552
    $\bar{K}N$, 800 to 1200 MeV/c, improved partial wave analysis 2—407
    $K^\pm N$, upper bounds on elastic cross section differences 2—2565
    $K^+n\rightarrow K^0p$, charge exchange scattering 2—17915
    Kp, high-energy forward scattering amplitudes and asymptoticity, dispersion relation investigation 2—38292
    K^+p, with strong p-waves at low energies, phase shifts 2—38294
KDP *see Potassium compounds*
Keratin *see Proteins*
Kerr effect *see Electro-optical effects; Magneto-optical effects*
Kicksorters *see Counting circuits*
Kikuchi lines *see Electron diffraction crystallography; Electrons/scattering*
Kinematics
    air layer motion agitated by waves on liquid surface 2—20331
    Cauchy-Green deformation tensor, inequality sets among principal invariants 2—27188
    circular membrane bonded to half-space under plane loading 2—7740

Kinematics continued
    3o Doradus Nebula in Large Magellanic Cloud16965 2—16965
    dynamic damping coefficient from flight test lateral rate data 2—28725
    Ehrenfest paradox pertaining unformly rotating cylinder 2—17198
    equations of motion, nonholonomic constraints and Gauss's principle of least constraint 2—11320
    flat kinematic chains, degree of freedom $L_3=4$, structural synthesis 2—119
    galactic distribution of hydrogen from kinematic study, streaming motions 2—30421
    Galilean invariance and general covariance of nonrelativistic laws 2—33974
    interstellar dark clouds, formaldehyde absorption 2—26758
    one dimensional condition of compatibility 2—33977
    optimization problems in gravitational attraction 2—30833
    planetary nebulae, internal motions, review 2—23063
    point body with variable rest mass, covariant equations 2—33975
    populous and globular clusters in the two Magellanic Clouds 2—10910
    rod, nonlinear theory 2—33968
    spheres, gravitationally induced acceleration in creeping flow, heat transfer analogy 2—24600
    structural geology, kinematic model of similar folding, equations and analysis 2—7226
    symmetric rigid body, subjected to specialised body-fixed force, exact equations for attitude and translational motions 2—23318
    teaching, use of vector notation and matrix methods 2—27010
    torque free motion, rigid body having internal energy dissipation, geometrical approach 2—17290
    undergraduate assignment, study of results 2—27000
    variable-mass particle, quadrature of equation of motion in a central field of force with perturbation term 2—33976
    vehicle with tyre wheels, stability of curvilinear motion 2—5177
    K^0 beam, 2γ decay 2—34674
    K^0 beam, 2γ decay 2—23843
    π^0 beam, 2γ decay 2—23843
    π^0 beam, 2γ decay 2—34674
    ^{4}He superfluid, excitation pair contribution to dynamic structure 2—106
Kinetic theory
    bounded electron gas motion in crossed fields in analysis of weak cathode field state of magnetron diode 2—37924
    equations for system of particles interacting with nonadditive intermolecular forces, determ. of transport coeff. 2—30816
    equations of motions for probability density type field 2—27088
    highly reactive mixture, relativistic kinetic theory 2—26331
    intercollisional interference effects in induced i.r. spectra, Lorentz gas 2—31876
    Lennard-Jones potential, calc. of second and third virial coefficients by convolution techniques 2—21725
    m-6-8 potential function for fluids, third virial coeff. determ. 2—35389
    normally reactive mixtures, relativistic kinetic theory 2—26330
    plasma, magnetized, three wave resonant interaction 2—28552
    plasma, nonideal, Boltzmann and Landau equations 2—28499
    plasma, pair correlation function, asymptotic solution of Frieman-Book equation 2—6062
    plasma, relativistic, in uniform ambient magnetic field 2—8911
    plasma, weakly ionized, slipping mode 2—28647
    quantum electrodynamics of nonthermal relativistic plasma 2—31936
    single particle distrib. functions, derivation of closed eqn. for long time evolution 2—27107
    spectra line shapes 2—576
    spherical solids/gas mixture, fundamental eqns. derivation 2—35803
    suspended particles, statistical hydromechanics 2—28905
    thermodynamics nonstationary general relativistic kinetic derivation from Chernikov thirteen moment approx. 2—33947
    three-body kinetic equations, relation between collision kernel and scattering theory 2—102
    van der Waals forces, asymptotic retarded, derivation from classical electrodynamics with classical e.m. zero-point radiation 2—30987
    Van Hove time-depend. correl. functions, generalization and functional relation 2—30807
    Vlasov eqn. generalized, closed homogeneous and inhomogeneous systems 2—27108
    Widom-Rowlinson parallel hard square model dynamics 2—35680
    He superfluid, construction of theory in agreement with hydrodynamics, determ. transport coeffs. in collision-time model 2—25133
    Ne plasma, externally excited ionization waves in the weak current column 2—6092
  [illegible]
    see also Association/gases; Brownian motion; Collision processes; Diffusion in gases; Equations of state/gases; Joule-Thomson effect; Molecules/intermolecular mechanics
    alkali metals monatomic vapours, interaction potentials and transport coeffs. calc. 2—28743
    binary, disparate mass, Boltzmann eqn. soln. method 2—18754
    Boltzmann equations, general properties of analogous semilinear hyperbolic systems 2—2148
    boundary conditions method, improvement technique 2—1034
    capillary gas flow, analysis 2—28705
    Cauchy problem, discontinuities decay in viscous thermally conducting gas 2—18746
    classical gas, eqn for one particle distrib. function, comparison with Boltzmann eqn. 2—27077
    classical gas, linearized eqn. satisfied by one particle vel. distrib. function 2—27106
    coefficients with internal degrees of freedom and free energy exchange between translational and internal motion 2—12504
    collision frequencies definition, relation to electrical conductivity of ionosphere 2—3321
    dense, convergent theory, boundary conditions 2—24974
    diatomic, mass and heat transfer, kinetic model 2—9026
    diffuse reflection, conditions imposed on deviation from locally Maxwellian distribution 2—15532
    dilute, transport coeffs. calc. using Boltzmann eqn. iterative soln. 2—18753
    ellipsoidal molecule model, scattering function 2—1031
    Enskog kinetic equation, generalization to gas mixture 2—32171
    equilibrium constant for molecular dissociation 2—39266
    fourth virial coeff. of hard sphere gas, van der Waals and Boltzmann calculations 2—28733
    and general relativity 2—3322
    heats of transport of ideal gases and gas mixtures 2—1030
    ideal gases, and mixtures, heats of transport 2—1030

Kinetic theory continued
gases continued
inert gases, equilibrium and transport props., extended law of corresponding states 2—21910
initial-value problem 2—6150
ionized gas, partition function determination with continuous approximate treatment of ionization potential lowering 2—12506
Kihara potential, modified 2—39271
Knudsen's stationary state, temp. relaxation, surface heating rel. to adsorption 2—18752
rel.to laser, self pulsed high PRF 2—23579
magnetoplasma, thermal spread and wave propagation near resonances 2—15459
model kinetic equation, integro- differential transfer equation derivation 2—1033
molecular, perturbation theory for angular pair correlation function 2—32170
nonideal, Boltzmann and Landau equations 2—28499
optical excitation, asymptotic theory 2—28732
phenol vapour, intermolec. interactions, investigation using second virial coefficients and Stockmayer model 2—39027
polyatomic, parallel plate heat transfer 2—24979
polyatomic homogeneous gas, kinetic eqns. soln. 2—28731
rarefied, pressure waves, generated by vibr. membrane, gas-surface interaction 2—21920
rarefied gases, third order constitutive eqns. of mass, heat and momentum transport 2—28729
reacting mixture, relaxation 2—13563
relativistic, of mixture with diffusion, energy transport, viscous phenomena and chemical reactions 2—6151
relativistic, transfer coefficients 2—1032
relativistic theory, propagation and absorption of sound 2—28730
rotational collisional number determ. from thermal transpiration meas. 2—18767
scattering kernel approach 2—39269
Senftleben effects, formal kinetic theory 2—15538
shock initiation problem, collisionless solution, transport phenomena 2—1029
shock wave study, high temp. 2—24970
shock waves in dusty gases 2—35675
temperature jump and distribution at wall for polyatomic gas 2—12505
thermal force on spherical particles in rarefied gas 2—39270
thermomagnetic force on solid sphere in heat conducting gas, kinetic 2—24975
thermomagnetic torque theory 2—21917
transport coeffs. calcs. using distrib. functions and correl. functions 2—15534
two-dimensional gases, molecular dynamics and formation of bound states 2—15533
van der Waals equation, empirical modification 2—39268
Ar, pair potential, meas. by neutron diffraction at low density 2—9028
CO_2, rotational collision number computed using kinetic theory and thermal conductivity data 2—32184
H_2 isotopes, transport and relaxation phenomena 2—39026
Na vapour, test of pair potential theory 2—9029
O_2, Senftleben effects, formal kinetic theory 2—15538
liquids *see Liquids/theory*
Kink bands *see Crystal imperfections/dislocations; Plastic deformation*
Kirkendall effect *see Diffusion in solids; Precipitation*
Klystrons *see Electron tubes; Microwave techniques and devices*
Knight shift
alkali metal, ultrasound effects 2—16655
alkali metal alloys, liq., nucl. spin-lattice relax. 2—18855
metal, oscillations amplitude, crossed elec. and mag. fields 2—40768
relativistic corrections, higher-order combinations 2—13547
semiconductor, group III-V cpds., diamag. shifts 2—10551
semiconductor, oscillations amplitude, crossed elec. and mag. fields 2—40768
transition metal, cubic, strain induced, rel. to shear distortion interaction with nuclear spins 2—25997
transition metal phosphides, Ti_3P structure type, measurements 2—4559
Ag-Al alloys, liq., due to Ho impurities 2—39390
Al, solid and liquid phases, pulsed n.m.r. meas. 2—4112
Al, temp. depend., melting effects, rel. to electronic struct. 2—7136
Al films, supercond, T_c phenomena 2—16174
Au-V dil. alloys, of ^{51}V, T^2 temp. depend. 2—33350
$AuAl_2$-$AuGa_2$-$AuIn_2$ pseudobinary alloys, satellite resons. 2—37004
$C_xY_{1-x}Al_3$, temperature dependence meas. between 100 and 1100 K 2—26300
$CeAl_x$, susceptibility depend., s-f integral sign determ. 2—7134
$CeSn_3$, temp. depend. rel. to mag. ordering obs. 2—6941
$Ce_xY_{1-x}Al_3$, temp. depend. 2—16658
Cu, isotopes, macroscopic magic-axis rot., meas. precision improvement 2—13552
Cu, solid and liq., temp. depend. 2—10545
Cu, temp. depend., melting effects, rel. to electronic struct. 2—7136
In-Pb dil. alloys, liq., ^{115}In shifts, comp. depend. 2—22006
$K_2[Pt(CN)_4]Br_{0.3}$.2,3H_2O, n.m.r. study, anisotropy of ^{195}Pt shift, line broadening 2—10562
La, isotropic, calc. using eigenfunctions from non-relativistic energy band calcs. 2—40774
Pb, anisotropy ang. depend. 2—40781
Pd-Al dilute alloy, conc. depend. 2—40782
Pd-V dilute alloy, conc. depend. 2—40782
Pt-Ir alloy, n.m.r. and Mossbauer effect, ^{195}Pt and ^{193}Ir 2—26306
Sn-Cu(Ag)(Au) alloys, liquid, comp. depend. rel. to conduction electron density 2—9177
Sn-In(Sb) dil. alloys, of ^{119}Sn 2—37014
$ThAl_2$, ^{27}Al n.m.r., anisotropic interactions 2—33347
V-X, alloy, dilate, X=Mo,Rh,Ta,W,Re,Os,Ir, mag. props. 2—19836
$V_{1-x}Co_x$, alloy, $0<x<0.75$, mag. props. 2—19836
VN_x, n.m.r. spectra, influence of mag. fields and composition 2—20166
VO_2, correl. with susceptibility, rel. to band struct. 2—33118
Knudsen number *see Flow; Hydrodynamics*
Kohn effect *see Crystal electron states; Crystals/lattice mechanics*
Kondo effect
actinide dil. alloys, local moment and spin fluctuation behaviour 2—40404
de Haas-van Alphen effect in Kondo system, Dingle temp. rel. to Kondo scatt. 2—22479
Kondo effect continued
dilute magnetic alloy, electronic props. below Kondo temp., model Hamiltonian approach 2—36439
dilute magnetic alloys, influence of non-magnetic impurities 2—4337
electron correls. in alloys 2—40123
low temperature Hamiltonian soln. 2—40401
magnetic field influence and Anderson model 2—6712
magnetic impurity s-j exchange interaction with conduction electrons, crystal field effect 2—10165
pair approx. validity limits and resist. maxima 2—22485
s-d system, extended parquet theory 2—9917
spin-orbit scatt. effects 2—25992
superconducting alloy with mag. impurities, fluctuations 2—32933
superconductor with mag. impurities, impurity band obs. 2—32934
suppression due to electron-impurity scatt. 2—1453
two-impurity interaction problem 2—40399
Ag-Mn alloy, nondilute, elec. resist. study 2—19917
Al-Cu(Mn)(Cr) dilute alloy, impurity resist., temp. depend. 2—40169
Au-V, dilute, low temp. sp. ht. and elec. resistivity rel. to simple powers of T in Kondo effect 2—29613
Au-V dil. alloys, T^2 temp. depend. of ^{51}V Knight shift 2—33350
Au, scatt. by mag. impurities 2—10134
Cd-Mn extremely dil. alloy, resist. obs., 0.4-30 K, model 2—16148
Ce impurity systems, cryst. field effect 2—40403
Ce intermetallic compounds, interpretation of low-temperature resistivity measurements 2—40167
$Ce_{1-x}La_3Al_3$, side band model, low temp. sp. ht. obs. 2—1432
$Ce_xLa_{1-x}Pd_3$, alloy, crystalline elec. field effects 2—13112
$Ce_xLa_{1-x}Pd_3$ cubic ternary alloy 2—19832
CoAl, rel. to transport props. obs., conc. variation in near-stoichiometry region 2—22489
Cu-Cr(Fe)(Mn) dil. alloys, localized moments, temp. depend. 2—40466
Cu-Fe, dil. alloys, nuclear relax. rates temp. depend. above Kondo temp. 2—7004
Cu-Fe, dilute, low temp. elec. resistivity rel. to simple powers of T in Kondo effect 2—29614
Cu-Fe dil. alloy, neutron diffr. obs. 2—19826
Cu-Fe dil. alloy, press. effect 2—19545
Cu-Fe dil. alloy films, rel. to deposition conditions 2—32917
Cu-Fe dil. alloys, single impurity props., n.m.r. obs. 2—36657
Cu-Mn alloy, nondilute, elec. resist. study 2—19917
Cu-Ni-Mn dil. alloys, resist. minima 2—1484
Cu, scatt. by mag. impurities 2—10134
CuAlFe system, thermoelec. power, temp. and comp. depend. 2—25946
$Cu_{95}Au_5$-Fe system, mag. field depreciation 2—36444
CuFe dil. alloy, far-i.r. surface resist. 2—40172
Fe-Pd-P alloys, amorphous 2—19877
La-Ce dil. alloy, eqn. of state 2—40407
La-Ce dilute alloys, use of Coqblin-Schrieffer exchange interactions 2—1465
$LaIn_3$ with Ce, thermopower obs. 2—32919
Mg-Gd dil. alloy, effective exchange integral sign 2—16646
Mo-Fe dilute alloy, relaxation phenomena due to s-d exchange interaction 2—19978
Mo-Fe dilute system, Mossbauer relax. phenomena 2—40631
Pd-Co alloys, resist., giant moments, exchange coupling 2—26042
Pd-Cr alloys, electron transport props. and sp. ht. below Kondo temp. 2—29615
Pd-Mn dil. alloys, rel. to sp. ht. obs. 2—13046
Pt-G alloys, electron transport props. and sp. ht., below Kondo temp. 2—29615
Rh, resist. anomaly due to dil. mag. impurities 2—25770
ThCe alloys, (2-8 at.%Ce), rel. to impurity contribs. to resistivity and thermopower, models 2—13113
Y-Ce dil. alloys, role in n.m.r. 2—13555
Y-Ce dilute alloys, use of Coqblin-Schrieffer exchange interactions 2—1465
$Y_{1-x}Th_xAl_3$, sideband model, low temp. sp. ht. obs. 2—1432
Zn-M extremely dil. alloys, M=Cr, Mn, Fe, resist. obs. 0.4-30 K, model 2—16148
ZnMn dilute alloy, interpretation of thermal expansion 2—16063
Kramers-Kronig relations *see Dielectric phenomena; Optical properties of substances*
Krypton
adsorption, on stainless steel, isotherm meas. at 77 to 90K and 10^{-9} to 10^{-4} torr 2—32390
adsorption on C membranes and fibres 2—3494
adsorption on graphite, physical 2—18957
adsorption on layer-like halides, first layer formation by 2D condensation 2—22087
atmospheric ^{85}Kr, activity meas. 2—40972
atom, collisions with He^+, He, analysis of ejected electrons 2—3003
atom, collisions with K^+, determination of repulsive potentials from total scattering cross sections 2—12010
atom, collisions with $Ne(^3P_{2,0})$, two state semiclassical model for Penning and associative ionization 2—11974
atom, collisions with $Ne(^3P_{2,0})$, velocity dependence of ionization cross section 2—11966
atom, ionization by ejection of outer shell s electron following electron impact, cross section for electrons up to 20 keV 2—5821
atom, ionization cross sections following collisions with H^+, He^+ and Ne^+ at energies below 100 eV 2—24382
atom, metastable $^3P_0$ and $^3P_2$ states, lower lifetime limits 2—21518
atom, photoelectron ang. distrib., variation with energy obs. 2—38825
atom, structure obs. in total electron impact cross section using transmission spectroscopy 2—31689
atomic collisions with He, impact theory predictions for shift and width of isolated electronic spectral lines 2—18339
atoms, collisions with Ar and N_2, differential elastic scatt. cross section 2—898
atoms, collisions with CO^+, charge transfer cross sections in thermal and suprathermal range 2—658
atoms, collisions with Li, differential cross sections and intermolecular potentials 2—892
atoms, collisions with N_2, differential cross section, high resolution meas. 2—897
atoms, electron impact excitation, elastic resonance decay modes 2—625
autoionizing and negative ion states below $^2P_{1/2}$ observed using electron impact apparatus 2—28205
in chondrites, mass fractionation and isotropic anomalies 2—17042

Krypton continued
- Compton scattering using γ-rays, Compton profiles 2–35190
- condensation coefficient, measured with quartz crystal microbalance 2–3445
- discharge, sparking voltage reduction due to mag. field parallel to electrode axis 2–9006
- gas, calc. of absolute values of dc-induced second harmonic coefficients 2–24984
- gaseous target, collisional X-ray excitation by I^- bombardment 2–15226
- h.f. in source, photometric study of cross-over image 2–34847
- impurity in solid methane, effect on low temp. sp. ht. 2–9890
- induced pressure shift in electronic gyromagnetic ratio of muonium 2–18369
- ion, depth distrib. in Mo, radiochemical technique 2–25712
- ion bombardment of Ag single crystal, sputtering yields for temps. from 200-600°C 2–32859
- ion source, magnetron with axial extraction, multicharged production 2–11445
- ionization by impact of metastable Ne atoms, velocity dependence of total cross section 2–8462
- i.r. absorption of interstitial H and D atoms in solid 2–33264
- i.r. spectra on ν_3 and ν_4 modes of deuterated methane in Kr matrix 2–40668
- isotopic mixtures, liquid and solid, derivation of intermolecular forces from vapour pressure data 2–35839
- laser, gas, d.c. excitation, competition effect between 6471Å and 5682 ÅCW lines 2–27496
- laser multicolour, visible 2–21065
- liquid, far i.r. spectra of dissolved HCl 2–35252
- multiply charged ions, by hot cathode source 2–34860
- photoionization, resonances in continuum 2–596
- photoionization cross section profiles of resonances in continuum 2–597
- photoionization of atoms, variation of angular distribution of ejected photoelectrons 2–607
- plasma, electrical conductivity det. in cascaded arcs, effect of deviations from LTE 2–28522
- plasma, r.f. wave negative absorpt. near electron cyclotron harmonics 2–8936
- plasma, shock heated, electron densities and ionization relaxation times 2–35470
- plasma afterglow, highly ionized, decay and electron density obs. 2–24676
- positive corona breakdown, mechanism between coaxial cylindrical electrodes 2–24907
- solid, absorpt. and luminesc. of Li, Na, K and Cs atoms 2–24387
- solid, determ. of thermal expansion at pressures to 20 kbar 2–16057
- solid, doped, induced far-i.r. phonon spectra 2–19353
- solid, effect of zero point anharmonicity on the vibrational properties 2–4032
- solid, elastic consts. 2–6519
- solid, extreme u.v. reflection spectra 2–19995
- solid, Fe-doped, absorpt. linewidth temp. depend., Debye temp. obs. 2–1694
- solid, free energy at finite temp. 2–9845
- solid, interpretation of Mossbauer recoil fractions of ^{83}Kr 9.3 keV transition 2–33226
- solid, lattice dynamics with three-body forces 2–32812
- solid, model cryst., melting and rel. phenomena, mol. dynamical calcs., computer simulation 2–16015
- solid, thermal and elastic props., low-temp. limit 2–32842
- solid, thermal eqn. of state, thermal expansion and stability calcs. 2–40082
- solid, thermal expansion above 1K 2–13050
- solid P-T melting curves, exptl. determination 2–9209
- thermal expansivity data, rel. to thermal vacancies 2–16042
- viscosity and thermal cond., high temp. calc. 2–18770
- vortex discharge as pumping source for c.w. Nd:YAG laser, comparative study with Ar and Xe 2–27448
- Kr-Ar mixture, thermal diffusion factor meas. 2–3333
- Kr-CO, Kr-Xe, mixed gas adsorpt. on Pyrex glass at very low press. 2–39564
- Kr-H$^+$ differential elastic scattering, inversion problem 2–666
- Kr-Hg, Kr-He gas mixtures, optical breakdown threshold 2–35626
- Kr-Kr system, multiparameter intermolec. potnetial, derivation from low energy differential cross section meas. 2–891
- Kr$^+$-Kr, charge transfer efficiencies, $^2P_{3/2}$ and $^2P_{1/2}$ states 2–18342
- Kr$^+$-Kr, charge transfer reaction, relative cross sections for $^2P_{1/2}$ and $^2P_{3/2}$ ions 2–8480
- Kr$^+$-Kr collisions, inelastic losses on electron transitions in outer and inner shells 2–24389
- Kr c.w. arc pumping, Nd:YAG laser, characteristics at 20 kW 2–21088
- Kr I isoelectronic sequence Rb-Mo, resonance-line spectra, vacuum u.v. 2–18312
- Kr I sequence, Rydberg series and ionization potential 2–15219
- Kr II, transition probabilities of ionic lines 2–5788
- Kr$^+$, channelling in Cu, critical angle determ. using charact. X-ray generation 2–29575
- Kr$^+$, collisions with Ar, excitation of inner and outer shells, inelastic energy losses and ionization 2–2965
- Kr$^+$, collisions with CO, NO, O$_2$, charge transfer cross sections in thermal and suprathermal range 2–658
- Kr$^+$, penetration and backscatt. from W, computer simulation 2–29581
- Kr^{12+} cold cathode Penning source, low energy isotope separation of high charge states 2–34334
- ^{85}Kr, leak detection, soak procedure and counting equipment 2–30731
- ^{85}Kr test for determination of leak rates of evacuated tubes 2–23203
- $Kr^+ + D_2 \rightarrow KrD^+ + D$, ang. and vel. distrib. of product ions, kinematics 2–22864
- Kr+Kr$^+$(^2P_J), collisions, cross sections for charge transfer and fine structure transitions 2–683
- Kr+Xe liquid mixtures, density and excess properties 2–15579
- Ne-Kr binary mixtures and pure gas, viscosity meas. determ. of thermal conductivity and binary diffusion coeff. 2–35688

Krypton compounds
- No entries

Kuhn-Thomas sum rule *see Molecules/electronic structure*

Kurie plots *see Beta-decay theory; Beta-ray spectra*

Kyropoulos method *see Crystals/growth*

Laboratories
- *see also Acoustical laboratories*
- computer augmented physics lab., analysis and simulation of expts. on wave propagation, sound, light 2–14059
- electricity and magnetism laboratory, building of multiwire proportional counters 2–14060
- Kodak, research, history and facilities 2–11502
- Kodak Research, history of optics 2–14439
- organization for students in first 3 years 2–33839

Laboratory apparatus and technique
- assortment of contaminated test tubes, automatic apparatus 2–30716
- atomic collision cross sections meas. apparatus 2–18346
- automatic device for recording mechanical test data 2–20766
- CAT, programmed sweep unit with varying dwell time 2–37521
- cellulose nitrate for α-particle track visualisation, use in undergraduate laboratory 2–33840
- centripetal force, exptl. arrangement 2–17157
- closed wet cell for transmission electron microscope 2–30717
- Cp/Cv meas. for gases with steady oscillations new apparatus described for method of Ruchardt 2–32176
- crazing phenomena testing apparatus 2–1314
- cryogenic electrical leads, enhanced cooling 2–30722
- data management, FORTRAN system 2–41356
- deposition monitor, quartz crystal 2–3510
- diffractometer-multichannel analyzer interface, allowing X-ray diffraction data storage 2–41355
- digital display system for heat flow meter 2–17434
- electrical analogue computer, construction of simple instrument to illustrate basic series and parallel laws in d.c. circuits 2–11238
- electrical conduction in solids, course for secondary schools consisting of five experiments 2–13
- electrical feedthroughs for high pressure low temp. applications 2–20765
- electrometer for measurement of small currents in physics experiments 2–27006
- environmental test chamber complex, specification 2–14051
- e.p.r., n.m.r. spectrometer, temperature controller for sample, patent 2–7629
- experimental data transmission to computing centre, telephone line as communication link 2–26986
- fibreglass, mounting parameters for test specimens 2–29457
- Frank and Hertz experiment, circuit diagram and exptl. procedure 2–37546
- furnace design for studying refractory oxides 2–30719
- furnace for Mossbauer high field experiments 2–22733
- gas stream supply at controllable temp. 2–21928
- heat pipe oven, heater with homogeneous temperature distribution 2–20764
- high-pressure polyethylene containing vessel for e.p.r. studies of polar solvents 2–37523
- humidity control apparatus 2–10723
- for impregnation of open pores with liquid 2–19289
- i.r. gas analysers, operation and applications 2–13595
- laser beam micromachining of semiconductors and metals 2–5094
- level control with low-high regulation of cryogenic fluids 2–30723
- liquid marker particle ejector for flow visualization in stratified fluid models, semiautomatic 2–3338
- magnetic field study as function of position, description of apparatus 2–37883
- manual forced jet dispensers 2–41353
- microstrain-stress meas. apparatus 2–3885
- Millikan oil-drop experiment, laser illuminations 2–17155
- mixing techniques, injection of horizontal air jets to fluidic beds 2–3296
- moisture content meas. during drying using gamma radiation 2–14050
- Mossbauer spectrometer 'simultaneous' accumulation of standard and unknown spectra 2–17156
- multilayer dielectric mirrors for He-Ne lasers, laboratory construction 2–14416
- n.m.r. apparatus at low cost, use of earth's magnetic field and audio amplifiers 2–37863
- on line computer systems applic. to X- and gamma-ray spectroscopy 2–23184
- open-ended cumulative physics expts. in advanced laboratory 2–14058
- optimal instrument design, complex figures of merit 2–26987
- oscilloscope, self-instruction method for teaching usage 2–17151
- pH meter checking using tablets of buffer materials 2–1740
- plug for testing tubes by internal pressure 2–23191
- press for air sensitive compounds, i.r. spectroscopic examination 2–20763
- radioactive analysis, γ spectroscopy and solid-state detectors 2–7197
- rapid quenching apparatus for small specimens 2–23186
- refractories vaporization rates, determined in solar and arc furnaces 2–35831
- replication, laser window cleaning technique 2–37954
- replication for cleaning laser windows 2–2380
- rotating disk apparatus for studies of fluid-solid surface reactions in corrosive liquid environments 2–30042
- safety considerations in instrument design and operations 2–30713
- sample handling system for powders for use in vacuum 2–5107
- sample holder, for photo Hall effect studies on high ohmic crystals from 10-300 K 2–30721
- sample holder for single crystals of refractory metals 2–17134
- shock tube, high performance with air driver, design for undergraduate lab. 2–27290
- skin depth in classical skin effect region, expt. for undergraduate lab. 2–37551
- smoke generator for fluid flow visualization 2–31906
- spark chamber signals, enhancement of magnetostrictive readout 2–2648
- specimen rod with demountable double tilting facilities for h.v. electron microscopes 2–22143
- specimen stage, low temp., with airlock for Siemens Elmiskop I electron microscope 2–19035
- spectrophotometer, Eskalab alpha, use in non-Eskalab procedures 2–21174
- steel, nonmetallic inclusions, examination and determination techniques 2–1257
- stopped flow kinetics apparatus, use with on-line computer 2–23185
- substrate heater using lamp as source in evacuated system 2–23207
- temperature jump apparatus, nanosecond, for chemical kinetics obs. 2–4572
- tensile specimen preparation for electron microscope expts. 2–3660
- thermal comparator, thermal conductivity meas. on liquids 2–25073

Laboratory apparatus and technique continued
TOR-1 vacuum apparatus, for obs. of materials under lunar conditions 2—33825
ultracentrifuge, design and development 2—11228
vacuum u.v. spectroscopy, description of undergraduate laboratory and experiments 2—11242
water droplet generator for controlled pairs of equal and unequal size 2—18862
window-heat sink sandwich for optical experiments using diamond (or sapphire)-semiconductor-In sandwich 2—20769
Zeiss-Endter particle size analyzer, modification for data logging 2—19277
Al wire, tinning as preparation for soldering, NaOH-KOH-ZnO mixture as flux 2—41357
experiment on experiments in a senior laboratory 2—11241
Hf i.r. absorption cell, construction, gas handling apparatus 2—37934

Lamb shift *see Spectra/atoms*
Lambda (λ) point *see Helium/liquid; Phase transformations*
Lamps *see Light sources*
Lande splitting factor *see Spectra; Zeeman effect*

Langmuir probes
cleaning, plasma anodization of Al results 2—3199
divided, method for meas. of ion temp. 2—35533
flat-plate, electron temp. in plasma with anisotropic velocity distributions 2—35524
negatively biased, transient performance 2—28590
plasma collison parameter determination 2—28589
sheath, positive ion, thickness, probe pot., parabolic approx. 2—12395
sheath thickness meas. using ion acoustic waves and hot probe 2—32031
transient response, ion temperature sensitive effect 2—18634

Lanthanides *see Rare earth metals*
Lanthanons *see Rare earth metals*

Lanthanum
free particles in dc arc plasmas, transport mechanism 2—15451
glass:La, flint, ultrasonic attenuation and velocity meas. 2—6665
Knight shift, calc. 2—40774
photoabsorption, potential barrier effects 2—22776
soft x-ray absorpt. and photoemission obs. by electronic energy states 2—22791
superconducting T_c, grain size effect 2—19599
superconductivity, press. depend. 2—29639
superconductivity, tunnelling, surface contamination effects 2—29636
X-ray emission, L_I and L_{II} edges 2—36916
EuSe:La, Mossbauer study 2—13444
La^+, electronic wave functions by numerical Hartree-Fock SCF method 2—35141
La^{2+}, accurate numerical Hartree Fock self consistent field wave functions 2—35134

Lanthanum compounds
aqueous salt solutions, effect on metal transfer during CO_2 welding 2—19250
ethyl sulphate, spin-optical phonon relax. of Er^{3+} and Sm^{3+} 2—7011
intermetallic compounds, $Eu_xLa_{1-x}Al_2$ ternaries, reversal of coupling, RKKY analysis 2—4412
Ce-La, alloys, supercond., sp. ht., Fermi surface obs. 2—19578
$Ce_{1-x}La_x$ alloys, $\alpha-\gamma$ electronic phase transitions 2—19507
$Ce_xLa_{1-x}Pd_3$, sp. ht. and Kondo effect 2—19832
Gd_2O_2S-La_2O_2S, phosphor host material, subsolidus phase relations 2—13010
La-Ce alloy, high press. elec. resist. rel. to phase transform. 2—32775
La-Ce dilute alloys, Kondon effect, use of Coqblin-Schrieffer exchange interaction 2—1465
La-Ce kondo system, eqn. of state 2—40407
La-Ce(Gd) dilute system, temp. depend. of spin-flip scatt., determ. from H_{c2} 2—29620
La-Ce(Nd) dil. alloys, spin-lattice relax. of ^{139}La 2—36786
La-Ir alloy, elec. and thermal cond., temp. depend. 2—29618
La-Rh alloys, La_3Rh, La_7Rh_3 and $LaRh_3$ phases, cryst. struct. 2—22161
La-Sb alloy melt, e.m.f., thermodynamic props. 2—30073
La-actinide metal dil. alloys, impurity effects on supercond. T_c 2—19583
La-2.01 at.% Pr alloy, cryst. elec. field, lattice contrib., cond. electron contrib., shielding 2—40591
La (III) compounds, split photoelectron signals from unique closed-shell La (III) cation 2—25982
La complex, lanthanum tris-2,2,6,6-tetramethyl-3,5-heptanedione, vibrational spectra 2—18441
La oxyhalide activated with Tb for X-ray image convertors, patent 2—20089
$LaAl_2$, Laves phase compound, low temp. specific heat, supercond. transition 2—19425
$LaAl_2Ce(Tm)$, impurity-induced spin-lattice relax. of ^{27}Al 2—40580
$LaAlO_3$:^{17}O, cryst. growth, flux evaporation 2—18984
$LaAlO_3$, phase transitions, transient n.m.r. obs. 2—9816
LaB_6 cathode, surface struct. effects on emission props. 2—40385
LaB_6 cathode production, coated Ta ribbon 2—18705
$LaBO_3$, high form, cryst. struct. 2—12727
$La_{1-x}Ba_xMn_{1-x}M_xO_3$, M=Mn, Ti, cryst. and mag. struct., neutron diffr. obs. 2—4362
$LaBr_3$:Tb^{3+}, absorpt. and fluorescence. spectra, Tb^{3+} excited states determ., 77K 2—36946
LaC_2, vaporization and surface ionization 2—35840
$LaCaO_3$ and $La_{0.5}Sr_{0.3}MnO_3$, coexistence of localized and itinerant d-electrons 2—16093
$LaCaO_3$ and $La_{0.5}Sr_{0.5}CoO$, coexistence of localized and itinerant d-electrons 2—16093
$La_{1-x}Ce_xPd_3$ alloy, Kondo resistivity, crystalline elec. field elec. field effects 2—13112
$LaCl_3$:Nd^{3+} (Pr^{3+}), Raman relax. time, temp. depend., theory 2—40578
$LaCl_3$, Debye temp., calc. from elastic constants 2—9888
$LaCl_3$, ENDOR of $^{147}Sm^{3+}$ and $^{149}Sm^{3+}$, g-factors, dipole moments, cryst. field shielding 2—37016
$LaCo_5$-H, press. comp. isotherms, X-ray diffr. and mag. meas. 2—32774
$LaCoO_3$, high-spin low-spin and struct. transition 2—36283
$LaCoO_3$, localized to itinerant electron transitions, Mossbauer studies 2—36837
$LaCrSe_3$, elec. props., semicond. behaviour 2—10029
LaF_3:Nd^{3+}, LaF_3:Er^{3+} concentration quenching of luminescence and doping 2—10424
LaF_3:Nd^{3+}, luminescence, temp. dependence and superradiant effect 2—40719

Lanthanum compounds continued
LaF_3, extreme u.v. spectra interpret. 2—36852
LaF_3, L_I and L_{II} X-ray emission edges 2—36916
LaF_3, nonresonant energy transfer from Er^{3+} to Yb^{3+} 2—40717
LaF_3, nonresonant energy transfer from Er^{3+} to Yb^{3+}, phonon emission and absorpt. 2—40718
LaF_3, up-conversion phosphor, prep. method 2—33321
$LaFeO_3$, ferroelastic effect 2—25633
$La_{1-x}Gd_xAl_2$, spin-lattice relax. of ^{139}La and ^{27}Al, impurity contrib. 2—33181
$La_{3-x}Gd_xAl$, mag. impurity effect, gapless supercond., n.m.r. obs. 2—6777
LaH_x ($2\leqslant x\leqslant 3$), L_I and L_{II} X-ray emission edges 2—36916
LaH_xD_y, x, y $\leqslant 2$, $2\leqslant x+y\leqslant 3$, proton mag. reson., isotope effects 2—26303
LaI_3, interpretation of unresolved quadrupole splitting of ^{129}I Mossbauer spectra 2—40629
$LaIn_3$, sp. ht. obs. 1.5-4.2K, electron-phonon enhancement factors 2—16036
$LaIn_3$, supercond., mag. interactions 2—16179
La_3In, super cond., thermal stability, paramag. impurity effects 2—16178
$La_2Mg_3(NO_3)_{12}$:Ce^{3+}, conc. depend. Orbach relax. rates 2—10266
$La_2Mg_3(NO_3)_{12}$:Ce^{3+}, phonon bottleneck and cross-relax. 2—10268
$La_2Mg_3(NO_3)_{12}$:Ni^{2+}, spin-lattice relax. and phonon bottleneck 2—10267
$La_2Mg_3(NO_3)_{12}$, dynamic polarization of protons 2—16669
$La_2Mg_3(NO_3)_{12}$, e.p.r. of Pr^{3+}, spin lattice relax. 2—26080
$La_2Mg_3(NO_3)_{12}24H_2O$ crystal with Nd, proton spin-lattice relaxation, 1.5 to 40 K and 0.7 to 20 kG 2—7010
$La_2Mg_3(NO_3)_{12}.24H_2O$, n.m.r. on oriented ^{57}Co, ^{58}Co and ^{60}Co 2—7141
$La_2Mg_3(NO_3)_{12}.24H_2O$, Nd- doped, spin-lattice relax. 2—10269
$La_2Mg_3(NO_3)_{12}.24H_2O$, spin-lattice relax. of nucl. Zeeman and spin-spin energy 2—10270
$La_2Mg_3(NO_3).24H_2O$, nuclear dynamic polarization, related effect 2—29855
$1\text{-}xLa_3NbO_7+xSm_3NbO_7$, dielectric constant and loss tangent, $0\leqslant x\leqslant 1$ 2—1559
$LaNi_2$, sp. ht., 1.6-4K 2—16038
$LaNi_5$, sp. ht. obs., 1.6-4K 2—16037
La_2O_3:R, R=Pr, Sm, Eu, Gd, Tb, Dy, Ho, Er, and Tm, X-ray excited fluorescence 2—22805
La_2O_3-GeO_2 system, crystallization, X-ray and optical obs. 2—1209
$LaO_{1.5}$-UO_2-UO_3, phase transformations, phase diagrams, single phase regions 2—4023
La_2O_3-Yb_2O_3 system, high temp. phase diagram 2—25642
LaO, B→X system, relative band strengths and intensities 2—28305
LaO, band spectrum, rotational constants 2—12159
LaO, electronic states, $C^2\pi\rightarrow A'^2\Delta$ and $C^2\pi\rightarrow X^2\Sigma^+$ transitions, high resolution analysis 2—12192
LaO, low-lying electronic states, interpretation 2—5950
LaO, rotational analysis of O-O band of $C^2\Pi\rightarrow X^2\Sigma^+$ transition 2—3049
LaO, vibr. consts. of $C^2\Pi$, $A'^2\Delta$ and $X^2\Sigma^+$ states, band heads of $C^2\Pi_r\rightarrow A^2\Delta_r$ and $C^2\Pi_r\rightarrow X^2\Sigma^+$ electronic transitions 2—18440
La_2O_3, L_I and L_{II} X-ray emission edges 2—36916
La_2O_3 film, breakdown strength, thickness depend. 2—13306
La_2O_2S, thermal quenching of rare earth line emissions 2—1709
LaP, e.s.r. of Gd, cond. electron effects 2—40760
$LaP_3O_9.3H_2O$, prep. and X-ray exam. 2—15724
$LaPd_3$, mag. props. 2—19829
$LaPt_2$, low temp. heat capacity 2—22424
$LaRhO_3$, elec. and mag. props. 2—22708
$LaRuO_3$, coexistence of localized and itinerant d-electrons 2—16093
$LaRuO_3$, $LaRuO_3$-$SrRuO_3$, structure and magnetic properties 2—10214
$LaRuO_3$, prep., metallic and antiferromagnetic behaviour 2—22708
La_2S_3, lattice oscillations, dielec. permittivity, molar heat capacity, i.r. spectra 2—40670
La_2S_3, struct., density, reflection spectra 2—40671
$La_2S_3(Se_3)(Te_3)$, sp. ht. electronic component 2—1433
$La_{1-x}Sm_xVO_4$, $0\leqslant x\leqslant 1$, temperature, concentration and kinetic parameters of luminescence, energy transfer 2—29955
$LaSn_3$, electron energy levels, relativistic corrections using perturb. theory 2—25733
$LaSn_3$, electron energy levels, nonrel. modified OPW calc. 2—19510
$LaSn_{3-x}In_x$, transport props. and electronic struct. 2—32919
$La_xSr_{1-x}RuO_3$ solid solns., effects of Sr substitution by La on elec. and mag. behaviour 2—22708
Ln_2O_3-ZrO_2, phase transformations, phase diagrams, structure, thermal analysis, X-ray obs. 2—4008
Na_xWO_3, phase transitions, transient n.m.r. obs. 2—9816
Nb-Al-La alloy, hardness rel. to comp. and annealing 2—4021
(Pb, La)(Zr,Ti)O_3 ceramics, linear electro-optic effect, modulator construct. 2—40354
(Pb,La) (Zr,Ti)O_3 ceramics, pyroelec. props. 2—40366
(Pb,La) (Zr,Ti)O_3 ceramics, optical and electro-optic props. 2—40616
(Pb,La)(Zr,Ti)O_3 ceramics, ferroelec. domain switching 2—40355
U-C-La, lattice parameters, solubility limit phase diagram 2—9838
Y_2O_2S-La_2O_2S, phosphor host material, subsolidus phase relations 2—13010

Laser beams
absorption lens for producing uniform beams 2—27571
angular scintillations in laser return from retroreflector, effects of atmospheric turbulence 2—22973
atmospheric propagation, light intensity distrib. calc. 2—37153
atmospheric propagation at 10.6μ, wave optics computer code modelling 2—22975
atmospheric propagation model with hydrodynamic treatment of transmission medium 2—22974
atmospheric transmission, measurement method 2—5287
attenuation, in artificial fog 2—16842
broadening of radiation spectrum due to increase in transmission of nonlinear filter 2—27530
circularly polarised high power, intensity-dependent propagation characteristics in dense electron plasma 2—28559
confocal parameter and beam waist location, technique of quick determinations 2—7911
coupling of two semiconductor lasers by rectangular fibres 2—38005
deflectors, acoustooptic, resolution 2—2404
deflectors and scanners, using electro- and acousto-optic effects 2—7943
depolarization in a turbulent medium, gaussian and Kolmogorov spectra 2—31058
detection, three-frequency 10.6-μm heterodyne receiver 2—7960
diffraction on u.s. wave, intensity distrib. 2—27534
diffraction on u.s. wave in inhomogeneous medium, fluctuations 2—27533

Laser beams continued
diffuse reflection attenuator, design and calibration 2—38002
dispersion of gas laser output 2—34384
double frequency laser interferometry, dimensional checking of machine tools 2—38001
emission intensity modulation in variable magnetic field 2—17577
energy of linear components of polarization at 1.060 μ 2—2407
ferroelectrics applics., review of developments in Europe 2—40340
filament form., self focusing, from beam focus on medium surface 2—11501
filament form. by ultrashort pulses, relax. effect 2—37999
gain and dispersion focusing, transverse modes 2—21109
Goos-Hanchen and Imbert effects, total refl., polarization states 2—27526
Goos-Hanchen effect in polarized light 2—11494
harmonic mixing of microwave and i.r. laser radiation using Josephson junction and maser 2—38027
heterodyne detector, signal/noise ratio 2—38029
holographic method of reconstructing individual transverse modes 2—34417
homodyne detection of signal scattered by moving surface of normally distributed roughness 2—21116
intensity correlation of He:Ne laser beam near threshold 2—21112
interaction in plasma, radiation amplification 2—12388
ionizing electron waves, laser induced plasmas 2—24799
i.r. modulator using As_2Se_3 2—33214
light trapping, electric control 2—4421
magnetooptic mode splitting in anisotropic laser cavity 2—31026
mode conversion, effects in acoustooptical modulation 2—17666
mode conversion in thin film optical waveguides, gyrotropic and anisotropic material applics. 2—34425
mode locked single picosecond pulses from Nd:glass 2—21113
modulated randomly, statistical properties 2—293
modulation, ultrasonic vibrations of one mirror in optical cavity 2—27560
multimode, reflection from dielectric interface 2—23622
non-polarized, total refl. and separation into two rectlinearly polarized beams 2—2405
numerical control for laser plasma injector 2—21789
peak power meas. by optical detection 2—38030
photochemical reactions effects on transmission through absorbing medium 2—20196
photon mass, experimental results on longitudinal displacements of laser beams near total reflection 2—34370
propagation in atmosphere obs. by laser-radar techniques 2—16841
propagation through falling snow 2—30294
properties, experimental demonstrations 2—5382
properties and hazards, review 2—2408
pulse modulation, using acoustooptic refraction 2—21134
pulsed energy, digital obs. 2—2406
pulses, Fourier analysis 2—21054
pulsewidth measurement using self-phase modulation 2—23661
radiation pulse energy obs. with thermopile 2—2268
reflection from arbitrary geometric surface, calc. of surface from response 2—21141
resonance-scattering laser-radar, suppression of spurious signals 2—7304
safety rules based on biological effects of radiation 2—17648
scanning TEM_{00} mode laser beam through SELFOC fibres 2—31118
scattering in θ-pinch plasma, meas. by seven channel Fabry-Perot spectrum analyzer 2—24766
scintillation patterns for meas. of transverse component of wind blowing across beam 2—22961
second harmonic generation, induced by d.c. magnetic field 2—5398
self focusing in amplifier with large beam diameter 2—17646
self focusing in inhomogeneous dielectrics 2—31060
self focusing mechanisms, role in two photon induced photolysis 2—21110
self-focusing in $Bi_{12}GeO_{20}$ cryst. 2—10295
self-focussing in atomic Tl vapour 2—35146
self-focussing of TE_{01} and TM_{01} light beams, influence of longitudinal field components 2—31062
self-focussing of ultrashort pulses in transparent media 2—13429
SELFOC, light focusing fibre guide, application 2—17717
sensitometer for pulsed beams using photographic plates and multiple imaging techniques 2—27615
short pulse spectral density determ. by time-of-flight method 2—27557
simulation of superposed coherent and chaotic radiation of arbitrary spectral shape 2—23557
spatial coherence enforcement, propagation in bounded media 2—5379
spatial coherence under multi-mode oscillations 2—23565
speckle pattern interferometry using video techniques 2—21115
spread, atmospheric turbulence induced 2—31057
thermal blooming in gases, wind transverse to beam propagation 2—27581
thermal blooming in gases 2—11496
third harmonic generation, alkali metal vapour, phase matched with inert gas 2—6161
threshold region, fluctuation-dissipation theorems 2—17258
time characteristics, measurement based on multiphoton processes in opposite light beams 2—31075
total reflection, separation of perpendicular and parallel polarizations, at incidence plane 2—23620
tracking and pointing as prerequisite to communications, application to large space telescope 2—37231
ultrashort pulse time calibration by passive spectral method 2—31074
ultrashort pulses, third-order correlation measurement 2—23621
wave-optics computer model, comparison with nonlinear laser-propagation experiments 2—14432
waveguide propagation in dielectric media with saturating non-linearity 2—31061
CO_2 high-power density, limitations on atmospheric thermal effects 2—33470
H plasma absorption coeffs. at laser frequencies 2—12390
KH_2PO_4 electro-optical modulator, with low modulator voltage 2—17669
Nd: glass laser, passive shutter, relax time reduction 2—11482

applications
absolute determination of acceleration due to gravity, free-falling laser-interferometer apparatus 2—22909
acceleration due to gravity obs. using two falling interferometer reflectors illuminated by a laser 2—19
airborne system for monitoring phytoplankton in ocean 2—37121
Airy stress function visualization by hologram, interferometry, analogue plate models 2—14202

Laser beams continued
applications continued
amplitude and resonance frequency obs. of vibrations of mechanical structure elements 2—27211
anemometer, for edge-tone oscillations meas. in air 2—15526
anemometer, obs. of turbulence structure for non-Newtonian pipe flows 2—28758
anemometer single channel for velocity meas. in laminar pipe flow 2—15525
anemometers and flowmeters, review of mode of operation and applications 2—3283
anemometry, frequency tracker design and continuous detection for analogue presentation 2—35440
anemometry, Reynolds shear stress in water 2—15550
anemometry, statistical ambiguity 2—15429
anemometry for spatial and temporal correlations of turbulence in water 2—15549
Arctic sea ice pack surface characteristics using laser profilometer, computer comparable data 2—16771
astronomical photographic image sharpening 2—20714
atmosphere, spatial distribution of gases by resonance absorption 2—16817
atmosphere N_2/water vapour ratio, Raman scattering 2—16816
atmospheric pollutant remote detection, methods compared 2—1876
atmospheric pollution detection 2—40923
atmospheric pollution detection systems, remote 2—37137
atmospheric turbulence spectrum indissipation range from meas. of laser radiation fluctuations 2—20323
atmospheric water vapour meas. by Raman lidar 2—33454
bacterial motility obs. 2—2011
calibration of Fabry-Perot airglow spectrophotometer 2—11537
coaxial interferometer for position meas. 2—21148
communications, lidar, drilling, welding, medical fields 2—27527
communications, mode locked He-Ne laser 2—2417
condensation of gold, spatially periodic inhibition by intense optical standing waves 2—9270
contactless measurement of local displacements and vibrations, by speckle method 2—31059
controlled fusion, application of laser produced dense plasmas 2—24783
data recording system, patent 2—37520
detonation, insensitive high explosive, by Q-switched ruby laser 2—7763
dielectric channel waveguide, excitation 2—211
discernment between two dissimilar optical fields, Young's fringes of obs. of photographic negatives in coherent light 2—5419
disperse systems, agglomeration measurement 2—1122
distance corrections for fluctuating fefractive index of atmosphere, Lidar technique using depolarization factor 2—1875
distance measuring instrument, two-laser, which corrects for atmospheric index of refraction 2—31105
Doppler flowmeter, photon correl. spectroscopy applic. 2—32153
Doppler velocimeter statistical properties and calc. of zero crossing statistics 2—18555
Doppler velocimeter systems, rotationally displaced, det. of third orthogonal velocity component 2—33866
dopplermeter, for velocity obs. of turbulent pipe flow of drag reducing polymer solution 2—25007
drilling at Al_2O_3 ceramic substrate, thermal analysis 2—11495
dye laser, tunable, applic. in O^{3-} photodetachment study 2—817
earth's pole of rotation, range observations, satellites 2—1777
Earth chord det. by obs. of artificial earth satellite 2—30134
electron conc. in stabilized plasmas, interferometric method 2—32049
electronic Raman scattering 2—10333
e.m. absorption in plasma, meas. using laser with reformed emission frequencies between 460 and 700 nm 2—39135
environmental monitoring, air pollution, heterodyne spectros., transmission, review 2—17636
fluorescence analysis of Na, subnanogram concentrations 2—7190
fluorescence of organic molecules, infrared 2—826
fog dispersal, artificial, lidar obs. 2—1820
for frequency standard 2—23624
gas analysis in films, laser induced evap. and mass spectrometry 2—22067
gas mixing, unsteady, conc. meas. by Raman scattering 2—21902
gases, atmospheric, spectra, monochromatic absorpt. coeff., high speed laser spectroscopy 2—33620
genetics 2—17106
geodetic and engineering surveys 2—22906
gyroscope, limit on sensitivity 2—5395
heat pipe gas dynamics technique 2—8044
heterodyne receivers, i.r., wide band, spatially coherent array technology 2—17667
holographic real time interferometer, phase changes in transparent objects 2—31094
holographic storage, measurement, computation 2—23630
holography, image forming, nonimage forming, hologram as optical element 2—38024
holography, machining, welding, metrology, geodesy and communications, book 2—38004
holography, three dimensional synthesis from two dimensional transparencies 2—7947
holography applic. to production engineering and testing 2—21126
h.v. spark gap triggering 2—3270
information search, consecutive recording on hologram plate 2—21123
interferometer, comparison with speckle interferometer of similar optical arrangement 2—306
interferometer, for displacement and object position obs. 2—21146
interferometer for determination of position of objects 2—27532
interferometer illumination, for obs. of dry mass of living cells 2—5412
interferometer using laser as radiation source, amplifier and detector of interference in interferometer 2—17685
interferometer with a slit-drum 2—38057
interferometry, large path difference, problems 2—11513
interferometry, rel. to thermal expansion meas. of low expansion materials up to 130°C 2—14290
interferometry, remote 2—27528
interferometry, two dimensional, refractivity of short theta pinch plasma 2—23686
interferometry of small displacements 2—2055
ion production, heavy highly charged 2—5625
ionization, multiphoton, effect of local intensity fluctuations 2—35148
i.r. tunable lasers, for chemical process control 2—23570

Laser beams continued
applications continued
isotope separation and atomic beam velocity selection using resonance radiation pressure 2—34411
laser doppler velocimeter, signal broadening effects 2—23224
laser gyro, construction and operation 2—41029
lens modulation transfer coeff., by laser unequal path interferometer and verification 2—23680
light sources for atomic fluorescence 2—21181
liquid flow meas. under electrostatic stress, laser-Doppler method 2—3339
location of reflector on board Lunokhod-1 2—41020
lunar distance determ., review 2—30401
machining, math. model 2—15651
machining of thin metallic films 2—6348
magnetic reson. in materials with g-factor anisotropies 2—20124
material removal from front surface of solid by vaporization and explosion 2—12412
metals, induced electron emission, instrument 2—40390
meteorological state variable determination by Raman components of laser atmospheric backscatter 2—16808
meteorology, i.r. frequency synthesis technique 2—33863
methane, 3.39 μ absorption, temp. and press. depend. 2—8797
methane, precision Stark- spectroscopy, nonlinear laser absorption 2—12217
metrology, geodetic and industrial 2—40873
metrology in industry, general 2—38003
micromachining of semiconductors and metals 2—5094
microprobe analysis 2—10654
microscope, acoustic, scanning, operating characteristics 2—283
microscopy, Lippmann-Bragg holograms for medical microscopic analysis 2—14459
molten glass temp. meas. 2—37827
monitor for simultaneous obs. of angular and translational alignment 2—31108
multimegavolt switch closure in high pressure gas 2—17649
nuclear fusion, conditions for controlled, self-sustained reaction, could be met by future high power gas laser 2—24242
nuclear reactors, fusion, pulsed heating system 2—2841
object motion compensation by speckle reference beam holography 2—27536
oceanographic depth sounding and underwater imaging 2—38000
optical communication systems, review 2—5380
optical communications, Nd:YAG laser 2—21091
optical communications, Nd:YAG laser 2—21092
optical communications, Nd:YAlG laser 2—21093
optical demonstrations 2—7637
optical distance measuring instruments, using electrooptical polarization modulators 2—30747
optical information transmission short range systems 2—23660
optical radar laser telecommunications, limitations 2—23619
optical tagging for liquid velocity distrib. obs. 2—28754
optical tracking of satellites 2—7352
parallelism meas., transparent sample surfaces using two beam nonlocalised fringes 2—5114
phase holograms reconstructions, depth removal effect on exposure 2—7948
photographic images, sharpening, deblurring, Fourier transform division filter 2—333
photography on Fe-Ni magnetic films, using i.r. laser pulses 2—27683
picosecond streak camera, laser triggered avalanche transistor voltage generator 2—17753
θ-pinch plasma heating, by inverse bremsstrahlung and induced Compton processes 2—21790
plasma, mag. field meas., optical dispersion 2—32034
plasma anomalous heating 2—28505
plasma diagnostics nanosecond transmission photography 2—35543
plasma diagnostics technique using simultaneous CO_2 laser interferometry and absorpt. 2—15471
plasma diagnostics using refr. effect 2—3223
plasma electron concentration laser interferometer study in resonator 2—3227
plasma electron temp. and conc. det. by scattering obs. 2—32039
plasma generation, characterization 2—15481
plasma generation from D ice pellet freely falling within superconducting mag. bottle 2—15480
plasma heating by focused pulsed laser radiation, dynamics 2—28506
plasma magnetic field direction meas. in Tokamak by scattering 2—35525
plasma prod. by CO_2 TEA laser-solid H_2 interaction 2—24787
plasma production and heating. Moscow 1970 conference 2—28604
plasma production by CO_2 TEA laser, from sold H_2 targets 2—24782
plasma production for nuclear fusion, heating mechanisms 2—8960
plasma production from solid targets, effects of magnetic field on plasma 2—39158
plasma production in keV temp. range on solid H and D 2—24775
plasma production with multibeam system 2—3230
plasma source electron density obs. 2—28594
plasmas as sources of multiply charged ions for heavy ion accelerators 2—34347
p.m. and coding techniques in telecommunications, large area photometry 2—14438
precise distance measurement, remote laser interferometry 2—20798
probing of weakly ionised turbulent gas flow, comparison of neutral and plasma fluctuations 2—3291
pulsed source coupled to double focusing mass spectrograph for geological materials anal. 2—18276
quartz, acoustic vibrations, laser beam intensity modulation obs. 2—16019
radar, automatic tracking and ranging system 2—23662
radar, control optimization of automatic tracking system, effects of space time returns of echoes 2—21107
radar, high repetition rate, for obs. of atmos. props. above 30 km. 2—13667
radar, spatial detection effects 2—27529
radar methods for air pollutants 2—26481
radar obs. of dust from comet Bennet 2—14003
radiation pressure, applications 2—27566
radio reflectors, deformation monitoring, experimental laser system 2—2009
Raman light scattering obs. from liquids, single crystals and crystalline powders 2—17744
Raman spectra of l.p. gases using single mode Ar laser 2—31135

Laser beams continued
applications continued
Raman spectroscopy, impact of laser developments on the field 2—26182
random bias holograms obtained using one mirror and one diffuser 2—23635
real-time signals, multichannel optical correlation 2—7945
receiver, electronically scanned, performance obs. 2—34525
reflection technique for obs. of dynamic changes in surface morphology 2—35865
refraction, measurement by laser produced speckles 2—30696
refractive index det. of KH_2PO_4 and $NH_4H_2PO_4$ crystals in i.r., using parametric scattering 2—40607
remote sensing of atmospheric refractive index fluctuation profile 2—40963
resonances, narrow, optical freq. standards, microwave standards, interferometry applications 2—34383
retinal laser irradiation diameter and focal length estimation of rhesus monkey 2—33816
road making or road control, automatic elevation guidance system 2—21135
ruby laser induced breakdown of He at high pressure 2—24896
sampling, Q-switched, and resulting plumes, atmospheric effects 2—10659
Sandia/Sylvania laser tracking system, Ar laser provides trajectory information on rocket-sledge experiments 2—34407
scattering as plasma diagnostic technique, det. of ion and electron temp. in e.m. shock tube 2—35540
scattering at polished glass surfaces. sensitive dark-field examination of polished sample 2—14447
scattering by plasma as diagnostic technique 2—32010
scattering homodyne technique for obs. of plasma drift waves 2—35541
schlieren technique, dark field, for study of gas mixing in unsteady flows 2—21901
Schlieren technique for det. of refractive index distrib. in arc discharges 2—35636
seawater particles, scattering of light from underwater laser, determination of size distribution 2—1798
semiconductor with electronic excitation, in computer devices 2—37993
space borne scanning radar 2—23044
space telemetry by satellite borne laser stations 2—26576
speckle metrology 2—23623
speckle pattern interferometry using video techniques 2—34482
spectrochemical analysis using laser light sources 2—37065
spectroscopy, absorpt. coeff. determ. for atmospheric H_2O vapour 2—11542
spectroscopy, absorpt. spectrum determ. for atmospheric gases 2—11543
spectroscopy, conference, Clayton, Australia (1971) 2—8509
spectroscopy, far i.r. molecular gas lasers 2—17728
spectroscopy 2—8029
steel corrosion obs. in hot radioactive environment 2—21467
submicrosecond laser pulse sampling and atomic vapour production, physical chemical processes 2—15230
surface roughness measurement, holographic interferometry 2—31089
tandem laser meas. of vibr. energy distrib. in dichloroethylene photoelimination reactions 2—33388
telemeters, meas. accuracy with statistical properties of propagation, detection and meas. process 2—2442
thermal diffusivity meas. by flash method 2—17447
thermal diffusivity meas. by flash method 2—17446
thermonuclear fusion pulsed reactor, conditions for obtaining 2—2818
time of flight lidar measurements, as ocean probe, multiple scattering events 2—30234
Tokamak plasma, mag. field direction det. by scattering obs. 2—32022
TV laser microscope, magnification of 30 to 3000 on videocontroller 2—27616
u.s. absorption measurement of solutions by differential zero method 2—20927
u.s. wavelength in liquids, diffraction study, undergraduate demonstration 2—33842
velocimeter, fluids, and signal analysing system 2—928
velocimeter, for process control 2—1337
velocimeter, for remote wind sensing 2—37126
velocimeter 2—21
velocimetry, monograph 2—20
velocity determination of water drops in air flow by Doppler effect 2—28696
velocity relaxation of micron sized particles in shock waves, det. by laser radiation 2—22010
vibration analysis, in-plane by speckling 2—7942
vibration analysis of tuning fork of electronic watch, by holographic and photographic methods 2—14234
vibration meas., Doppler interferometer employment 2—2428
vibration meas., small 2—2226
vibration meas. 2—2225
vibration meas. by Doppler shift 2—155
vibration or transverse displacement meas. 2—5209
vibrations of structures meas., in-plane 2—2227
vision testing using speckle patterns 2—37512
wake visualization of hypersonic projectiles 2—3284
waveguides, self-focusing pulse channel resulting from striction nonlinearity 2—17715
wavelength tunable, vibration-rotation absorption and excitation spectra 2—749
welding, cutting drilling of materials 2—23618
welding, effects of illumination and defocusing on depth of penetration 2—6600
welding with high power CO_2 lasers deep penetration 2—14052
X-ray generation from laser-heated dense plasma focus 2—14055
Au coins and jewellery, inclusions from laser microprobe 2—22901
Ba, ion clouds, laser radar detection, dye laser tuned to Ba II resonance line 2—30351
CO_2, excitation of i.r. fluorescence in gases 2—6162
CO_2 laser scattering and interferometry for plasma diagnostics 2—35539
D-T, gas embedded z pinch, laser channelled, theoretical estimate of structure 2—18646
D plasma production, spectral investigation of reflected light 2—18645
$Eu(NO_3)_3$, absorption spectra enhancement by dye laser quenching 2—25091
Fe-Al alloy, quenching in of disorder by laser pulse heating, limitations 2—19310

Laser beams continued
- **applications** continued
  - ^{2}H-^{3}H plasma, combined cumulation and laser heating average value model description for cylindrical wave 2—24652
  - ^{2}H-^{3}H plasma, nuclear microfusion during laser heating process, methods for raising the energy recovery 2—24653
  - He-Ne current measurement, e.h.v. transmission lines 2—14352
  - He-Ne Kerr constant. birefringence measurement, with fixed polarisers 2—1111
  - He-Ne laser, precision alignment 2—5381
  - He plasma fireball production, structure 2—6091
  - Mg plasma production 2—21830
  - NO, laser magnetic resonance obs., magnetic and electrical dipole transitions obs., g factor and hyperfine structure separation calc. 2—38928
  - Nd:glass. for i.r. interferometry 2—7979
  - Nd:glass and coude system as transportable lunar ranging system 2—23045
  - Si, dopant distrib., irrad. effect 2—3797
- **effects**
  - air, 10.6-μ radiation, breakdown depend. on beam size and pulse duration 2—6118
  - air, cascade ionization by intense laser pulses 2—32112
  - air, dielectric breakdown induced by focussed Nd^{3+} glass laser, comment on paper by Wang and Davis 2—24883
  - air, radiation induced breakdown, intracavity in TEA CO$_2$ laser 2—6119
  - alkali halide, optical dielectric breakdown 2—13428
  - anti-reflection coatings, fused silica substrate, one shot laser damage threshold 2—27637
  - atmosphere, molecular pollutants, remote sensing by stimulated Raman emission 2—7263
  - atmospheric turbulence induced laser beam spread 2—7941
  - atmospherically induced beam-pointing fluctuations meas. technique 2—4686
  - 2,5-di(biphenyl)-1,4-oxazole), spectral intensity changes on excitation by N laser, quantum generation 2—3390
  - borosilicate glass, irrad. damage threshold 2—36250
  - breakdown in air and He, meas. of plasma temp. by soft X-ray emission technique, relation to laser power 2—32033
  - calorimeter for pulsed lasers, design and applications 2—2418
  - coherent magnetic vibrations generated by reflection of visible laser light on magnetic domain wall 2—31078
  - composite, C/PMMA, laser heating and stress generation 2—36103
  - conduction heating in plasma, focusing, nuclear fission 2—18592
  - damage, avalanche breakdown and probabilistic nature 2—21114
  - damage in laser materials, cont., Boulder, USA, May (1971) 2—23562
  - damage in laser materials 2—33191
  - damage to antireflection coatings 2—27632
  - dichroic sheet, thermal lensing and optical damage 2—5396
  - dielectric breakdown of air, mode locked CO$_2$ TEA laser 2—6121
  - dielectrics, transparent, stages of surface damage 2—29746
  - diffraction grating induction in saturable absorbers and absorbing liquids 2—21118
  - diffraction round edges of illuminated objects, apodisation functions for removing fringes 2—5418
  - ethylene. pressure effects under irradiation by CO$_2$ laser 2—1028
  - ferrite, importance of thermal properties for stripping 2—39884
  - ferromagnet, optically-excited magnetostrictive waves 2—10219
  - flashes in H, absorption spectra 2—21541
  - gas, turbulent flow induced 2—32147
  - gases, rate processes, dynamics, unimolecular decay and scattered field 2—24973
  - glass:Nd, fluoresc. line narrowing on 4727Å laser irrad. 2—33317
  - glass, damage precursors, thermoluminescence obs. 2—1240
  - glass, electrostrictive focusing and small scale track formation 2—29862
  - glass, plasma form. at surface and internal cracks 2—33213
  - glass, self-focussing of ultrashort pulses and filamentary damage 2—13429
  - heat conduction. radial, in heating of material slabs 2—14284
  - heating of θ-pinch plasma 2—39151
  - heating of spherically and elliptically confined plasma influence of form of laser pulse 2—35458
  - high intensity pulse, interaction with gas plasma, fundamental equations 2—8909
  - hydrocarbon dissoc. and ioniz. 2—28386
  - hydrocarbon-sulphur systems, high temp. laser- induced reactions 2—30096
  - initiation of directional electric breakdown in air 2—35625
  - intrinsic semiconductor thermal instability. photon energy<band gap 2—22742
  - laser glass, BSC-2, direct nondestructive measurement of self focusing 2—26099
  - laser glass, surface damage threshold studies using holography 2—27505
  - laser glass damage investigation, plasma formation and fracture 2—26098
  - laser solid, detect migration due to laser excited photon-phonon conversion 2—29212
  - lenses and prisms, prevention of premature damage at high flux densities 2—17707
  - line narrowing in coupled Doppler broadened transition. standing wave features 2—21494
  - liquid, thermal changes in refr. index induced by pulsed beam 2—25081
  - liquid and crystalline materials, effect of laser fundamental radiation on excitation of stimulated Raman scattering by its second harmonic 2—28861
  - liquid breakdown, short duration photography 2—9144
  - matter interactions, book 2—6696
  - metal. irrad. induced r.f. field 2—33188
  - metal film CO$_2$ laser mirror, minimization of damage susceptibility 2—27638
  - metal surface, plasma production, breakdown products 2—996
  - metal surface layers, bulk vapour production by laser beam 2—28964
  - metal whisker diodes, thermal field emission as i.r. light rectification mechanism 2—16323
  - molecular gas. optical breakdown 2—39217
  - multilayer coatings and evaporated films, ruby laser damage threshold 2—27636
  - naphthacene, exciton induction and echo 2—1705
  - nitrobenzene, optical filament from., laser intensity inhomogeneities 2—6234
  - optical and coloured glasses, damage processes 2—27513
  - optical and magneto-optical activity, second- and third-order 2—21156
  - optical materials. damage. probability and dynamics 2—29863

Laser beams continued
- **effects** continued
  - organic liquids, transparent dielectrics, optical breakdown initiation 2—39365
  - pentacene, exciton induction and echo 2—1705
  - photoelectric phenomena on surface of transparent dielectric 2—19784
  - photoerosion of metals, study of vapour phase products 2—16074
  - photoionization of atoms and photodissociation of molecules, selective two-step 2—21524
  - θ-pinch plasma heating. by inverse bremsstrahlung and induced Compton processes 2—21790
  - plasma, anomalous heating 2—28505
  - plasma, deuterium inhomogeneous evolution during interaction with laser beam 2—24675
  - plasma, parametric excitation of transverse and longitudinal waves near plasma frequency 2—12432
  - plasma, production, interferometry 2—35526
  - plasma, resonant laser light absorption 2—32008
  - plasma, stimulated decay of transverse wave impinging on plasma as explanation of red shift 2—32087
  - plasma heating, conductivity mechanism for laser heating in case of spherical and cylindrical waves 2—39162
  - plasma heating, fusion effects for spherical thermal wave 2—32006
  - plasma heating, fusion effects for spherical thermal wave 2—32007
  - plasma heating, fusion energy for a plane thermal wave 2—39163
  - plasma heating, heat conduction mechanism considering recovery of fusion energy 2—28602
  - plasma heating, magnetic field confined 2—35461
  - plasma heating by focused pulsed laser radiation, dynamics 2—28506
  - plasma heating by mechanical magnetic accumulation and fusion energy regain of D-T plasma 2—31983
  - plasma heating with very short pulses, neutron yield and e.m. radiation 2—24651
  - plasma prod. on solid surface 2—12414
  - plasma production, heating mechanism, electron temp. and refl. study 2—24780
  - plasma production on thin solid target, electron temp. scaling laws 2—21827
  - plasma thermonuclear reactions behind shockwaves due to absorption of laser radiation 2—6077
  - polarization by scattering, teaching demonstration 2—8
  - pulse distortions in mismatched second harmonic generation 2—34408
  - pulsed propagation through multimode glass fibres, evaluation of communication potential 2—31122
  - pyrolysis, effect of ambient gases on molecular spectral emission 2—20176
  - Q-switched laser damage of i.r. nonlinear materials 2—21047
  - quartz, microscopically damaged, catastrophic damage threshold 2—29859
  - quartz, self-focussing of ultrashort pulses and filamentary damage 2—13429
  - quartz damage dependence on laser mode structure 2—12743
  - quartz phenolic, irrad. induced stress waves 2—15814
  - radiation pressure, resonance 2—34411
  - resonant interaction between ultrashort coherent light pulse and semiconductor 2—38051
  - rhodamine 6J, spectral intensity changes on excitation by N laser, quantum generation 2—3390
  - rhodamine dye laser, plasma jet production 2—39159
  - rock crumbling, 10.6 μ wavelength 2—29280
  - ruby, photon echo behaviour near 2.06 kG 2—26158
  - ruby, time evolution of damage tracks, scattering and luminesc. obs. 2—29861
  - sapphire, time evolution of damage tracks, scattering and luminesc. obs. 2—29861
  - Schwarz-Hora effect, energy monochromaticity and Langmuir brightness relation 2—23524
  - Schwarz-Hora effect, energy spread structure and Langmuir brightness relation 2—21025
  - Schwarz-Hora effect, quantum mechanical bunching 2—14385
  - Schwarz-Hora effect, theoretical consideration 2—7842
  - Schwarz-Hora effect, theory 2—11437
  - Schwarz-Hora effect, theory 2—37896
  - Schwarz-Hora effect, use of relativistic energies 2—5328
  - Schwarz-Hora effect 2—2350
  - second harmonic generation in laser created plasma 2—31994
  - second harmonic power det. of nonlinear crystals 2—38031
  - semiconductor, parametric excitation of density waves, direct conversion of photons, into plasmons 2—13200
  - semiconductor, second harmonic generation. coherence lengths and susceptibilities near band edge 2—7036
  - skin damage and exposure level monitoring 2—7597
  - solid, high power u.v. pulse irrad. effects 2—36826
  - solid, self focusing theory rel. to damage track time evolution 2—29868
  - spark, subnanosecond interferometry of plasma filaments in spark 2—39157
  - spark gap triggering 2—9007
  - spot dancing of beam propagating through turbulent atmosphere 2—4685
  - steel, importance of thermal properties for stripping 2—39884
  - steel, local pulse heating, microhardness, struct. changes 2—39846
  - stimulated light scattering on free liquid surface at full Fresnel reflection 2—31055
  - stimulated scattering and self-focusing in laser produced plasma 2—3212
  - stimulated scattering in far wing of Rayleigh line and l.f. Raman lines 2—1102
  - thermal blooming in fluids, geometrical optics approach 2—21108
  - thermoelastic stresses generated in solid transparent dielectrics by focused beam 2—27192
  - thermonuclear fusion neutron yield from irrad. solid D$_2$ 2—32052
  - thermonuclear reactions in plasma, enhancement of heating by addition of heavy impurities to target 2—18591
  - toluene-bromine system, photochemical reaction velocity, rate constant of termination and quantum yield det. 2—20196
  - transparent dielectric, plasma prod. below damage threshold 2—29860
  - transparent dielectrics, role of cross-sectional energy distributions 2—7912
  - triglycine sulphate, peak voltage of pyroelec. response to short i.r. pulses 2—19774
  - triglycine sulphate, spontaneous polarization stopping 2—1574
  - two step photodissociation of molecules as method of selective breaking of bonds 2—31759
  - two-level system excitation, coherent nonlinear optics 2—27446

Laser beams continued
  effects continued
    vaporization of transparent media by focused laser beams 2—12413
    Ag film, irrad., rupture threshold 2—9263
    Ag_3AsS_3, proustite, damage obs. using Nd:YAG laser 2—29864
    Al breakdown of surrounding He and air, pulse holography obs. 2—12475
    Al film, irrad., rupture threshold 2—9263
    Al foil, plasma production by TEA CO_2 2—21828
    Ar, 10.6 μ radiation, breakdown depend. on beam size and pulse duration 2—6118
    Ar, plasma production by CO_2 laser, mag. field dependent breakdown 2—32053
    As_{20}-Te_{70}-Ge_{10}, semiconductor amorphous films, condition for memorization 2—4188
    Au film, irrad., rupture threshold 2—9263
    Au film, modification of transmittance and reflectance, adherence and hardness 2—36813
    BCl_3, self induced transparency 2—5911
    $Ba_2NaNb_5O_{15}$, catastrophic surface damage during intracavity freq. doubling for Nd:YAG laser 2—29869
    $Bi_{12}GeO_{20}$, self-focussing and phonon scatt. of Ar radiation 2—10295
    C_2^-, matrix isolated, laser excited fluorescence study 2—35236
    CO_2 laser, drilling of fused quartz sheets, meas. of hole depth vs. absorbed laser intensity 2—36220
    CO_2 mixtures, influence of lasing on electron energy distribution 2—3248
    CdS, photodielec. lens effect 2—16415
    Cr, film, irrad., rupture threshold 2—9263
    CsI, irrad. induced crowdion deform. mechanism 2—6495
    Cu, breakdown of surrounding He and air, pulse holography obs. 2—12475
    Cu film, irrad., rupture threshold 2—9263
    Cu_2O, exciton induction and echo 2—1705
    dichloro-difluoro-methane, gas luminescence obs. 2—35273
    Ge, 10.6 μm, interaction with current carriers 2—16236
    Ge surface, damage obs. 2—12647
    GeTe film, amorphous, recording of optical information 2—40225
    H_2O droplets, exciting acoustic waves by means of giant pulses 2—28769
    ^2H plasma production by focussing on solid target 2—35555
    He-Ne, irradiation on Drosophila, athermal effects 2—11201
    He, 10.6 μ radiation, breakdown depend. on beam size and pulse duration 2—6118
    He, plasma production by CO_2 laser, mag. field dependent breakdown 2—32053
    ^4He, above and below λ-transition, laser- induced breakdown, influence of impurities 2—18865
    Hg atom, irrad., radiative level shifts and Raman effect 2—24342
    n-InSb, cyclotron resonance, pulsed elec. field modulated 2—9948
    InSb, second harmonic generation, coherence lengths and susceptibilities near band edge 2—7036
    InSb film, amorphous, recording of optical information 2—40225
    KCl, laser-stimulated atomic migration 2—25463
    KD_2PO_4, self focusing 2—22628
    KH_2PO_4, ordinary+extraordinary→extraordinary type interaction, vector synchronism conditions 2—10296
    KH_2PO_4, self-focussing of ultrashort pulses and filamentary damage 2—13429
    KI, F-centre photocond., 40 and 100 K 2—1584
    LiF thermally stimulated electron emission images obs. rel. to damage threshold 2—19797
    $LiIO_3$, damage obs. using Nd:YAG 2—29864
    $LiNbO_3$, damage obs. using Nd:YAG laser 2—29864
    $LiNbO_3$, far i.r. radiation generation 2—7903
    $LiNbO_3$, self-focussing of ultrashort pulses and filamentary damage 2—13429
    Mg plasma production 2—21830
    N_2F_4-$NO(N_2)(CF)$ system, photochemistry 2—20200
    NH_3 gas luminescence obs. 2—35273
    $NH_4H_2PO_4$, self focusing 2—22628
    NaCl, irrad., positron annihilation 2—29578
    Nd:glass laser, breakdown in gases, used in pulses or mode-locked trains of pulses 2—24895
    Nd laser third harmonic, optical initiation of directional electric breakdown in air 2—39218
    Ni, giant laser pulse irrad., point defect form. 2—9533
    Pb, breakdown of surrounding He and air, pulse holography obs. 2—12475
    Rb vapour, two-photon ionization by ruby laser beam 2—6106
    Rb_2, molecular vapour, opt. pumping and mol. dissociaton 2—24485
    SF_6-NO system, photochemistry 2—20200
    SF_6, self-induced transparency, effect of resonant collisions 2—35383
    SiF_4 gas luminescence obs. 2—35273
    $SrO.BaO.Nb_2O_5$, peak voltage of pyroelec. response to short i.r. pulses 2—19774
    $Te_{81}Ge_{15}Sb_2S_2$ film, light induced memory 2—19653
    VO_2, film, fast metal-insulator transition 2—10054
    Zn crystal, radiation damage, X-ray obs. 2—22184
    ZnS:Cu, ruby laser induced luminescence flash 2—7096
    ZnS monolayer, on NaCl, rel. to physics of damage 2—29865
Laser transitions *see Stimulated emission*
Lasers
    see also Light/coherence; Q-switching; Stimulated emission
  17th International Electron Devices Meeting, Washington (1971) 2—22575
  amplified spontaneous emission, beam divergence and spatial coherence 2—27443
  amplifier, regenerative, homogeneously saturable, gain, bandwidth and phase characteristics 2—34386
  amplifiers, stability of steady-state π pulse 2—11453
  atomic spectra; collection of 800 lines of 38 elements 2—582
  boundary-value problems in cylinders of finite length 2—261
  chemically pumped systems, review of dynamics and operating characteristics 2—17584
  circular, noise disturbance effect on parametric resonance, exptl. and theoret. investigation 2—37945
  classical model for interaction of anharmonic oscillators with e.m. field in resonant cavity 2—23567
  coupled, generation kinetics 2—37952
  damage in laser materials, cont., Boulder, USA, May (1971) 2—23562
  design, automatic, modulation transfer function based merit function 2—17673

Lasers continued
  detuned single mode, fluctuation theory 2—2381
  detuned single mode, linewidth near threshold 2—17576
  diffraction grating as passive optical valve 2—34375
  distributed feedback, coupled-wave theory 2—37946
  distributed feedback in thin film optical waveguides 2—38006
  distributed feedback oscillators using sinusoidal susceptibility modulation 2—37953
  electrostatically scanned film reflectors application 2—23671
  with energy guides, polyhedral, Nd glass, design and performance 2—27464
  etalon effects, extracavity and intracavity, temp. depend., in design of laser systems 2—5347
  excitation in far v.u.v. by heating of plasma electrons in ultrashort pulsed optical fields 2—23564
  Fokker-Planck equation in detailed balance, solutions 2—27109
  Fourier analysis of pulses, active Fabry-Perot cavity 2—21054
  frequency standards, status and development prospects 2—37561
  gain meas. analysis of pulsed two-level laser system 2—5344
  generation, phase mode interaction investigation of auto-oscillations 2—21046
  high gain, spectral narrowing dependence on line broadening mechanism 2—14398
  high gain amplification, active synthesis of inverse optical filters using negative feedback 2—8014
  high-power systems, optical distortion by heated windows 2—4152
  hypersonic emission, generation in Mandelstam-Brillouin stimulated scattering process, in isotropic dielectric 2—257
  interferometer transducer, photon-noise-limited, for gravitational radiation antenna 2—2071
  interferometric stabilization of optical parametric oscillator 2—37951
  internally scanned, cavity mode mixing effects 2—11459
  i.r., tunable, applic. in chemical industry 2—23570
  i.r. and submm., frequency stabilization using 'extremum storage' automatic control systems 2—27456
  light source for studying scattering phenomena, review 2—310
  long wavelength, mirror mount 2—27457
  longitudinal modes analysis by de-focused confocal Fabry-Perot spherical interferometer 2—34484
  loss modulated, nonlinear resonance effects 2—255
  Master equation for open systems, interference of coherent and incoherent interactions 2—27078
  millimetre wave techniques 2—21045
  mirror mount, kinematic, allowing precise angular orientation 2—34410
  mode frequencies and plasma of self pulsing lasers due to second order mode locking 2—11456
  mode locking in homogeneously broadened lasers, coupled-mode analysis 2—11455
  mode selection, in continuously pumped Q-switched lasers 2—17579
  modes, higher order, diffraction obs. 2—259
  obturator, ultra fast, for mode locked ruby laser pulse duration obs. 2—256
  optical isolator for high power giant pulse lasers using Faraday rotators 2—17647
  optical parametric oscillators, internal upconversion and frequency doubling 2—21051
  oscillator freq. locking by injected signal 2—11457
  output coupler, passive, nonlinear, for mode locked high power lasers 2—17572
  parametric oscillator and coupled oscillator upconverter, plane-wave theory 2—21040
  parametric oscillator tuning curve, parametric fluorescence 2—21048
  phase transitions at threshold, theory 2—14400
  picosecond high irradiance pulse generation by low power master oscillator and multipass amplifier 2—37943
  plane resonator, mode energy spatial distribution, radiation modulation 2—21056
  power meter 0.05 to 2.00 W 2—2379
  pulsed high power, energy meas., hollow sphere calorimeter appl. 2—23415
  Q-switch, bleachable thin polymethine dye film 2—17575
  Q-switched, isolator device 2—2383
  Q-switched, passive method for compression of light pulses 2—27559
  Q-switched, patent 2—7913
  Q-switched pulse stretching, applications 2—14399
  quantum theory 2—5348
  quantum-theoretical principles, derivation from Einstein's basic radiation laws 2—37942
  radiation energy stability, temp. range effect, study using statistical method 2—37948
  radiation transmission through one mirror 2—21049
  Raman and Brillouin emission, ultrashort pulses 2—37949
  randomly polarized, electrooptical Q-switching technique 2—17573
  replication, laser window cleaning technique 2—37954
  resonator, confocal spherical 2—27465
  resonator adjustment, self-collimation using spherical mirrors 2—21055
  resonators, mode selection technique 2—31028
  ring, broadened gain line and discrete loss 2—31022
  ring, effect of local axial mag. fields on frequency of beat signal 2—27455
  ring, effects induced by phase modulation 2—21111
  ring, freq. characteristics, inc. natural fluctuations 2—258
  ring, stability of travelling wave oscill. with arb. intensity 2—37947
  ring laser, Fresnel drag, dispersive term meas. 2—17574
  ring optical quantum generators, nonlinear link between modes 2—14403
  ring resonators, diffraction grating coupled, high power type 2—21058
  with saturable absorber, steady state regime of mode locking 2—31025
  saturable resonator, nonlinear characts. 2—31027
  single frequency, inhomogeneously broadened active material, generation stability 2—21050
  single mode, linear susceptibility as a function of pump parameter 2—37648
  speckle noise elimination by stirring of sample in laser light scattering photometery 2—31056
  spectral linewidth of noise and fluctuations near second-order transitions 2—14401
  spectrometer to study absorption spectra of atmospheric gases 2—2464
  stimulated emission, historical development, first ruby laser, properties 2—23563
  superradiant, quantum statistics, investigations using Fokker Planck equation 2—27458

Lasers continued
synchronization of spikes by periodic action 2—27459
systems with common upper level, conditions for oscillations 2—31024
temperature fields in optical elements, methods of calc. 2—37944
theory and applications, introduction into 1st year physical chemistry course 2—27001
tunable, use of Littrow diffraction grating to control spectral characteristics 2—23566
tuning, review 2—5346
two coupled lasers, active medium in resonant cavities 2—21052
two-mode, intensity coupling near threshold, fluctuation theory 2—5349
two-photon amplification, quantum correlations 2—34374
ultra short pulse, review 2—5351
wavelength meas. by two Michelson interferometers 2—23688
window materials, i.r., thermal lensing 2—31023
windows, quartz Brewster, replication as cleaning technique 2—2380
$NaNO_2$ liquid soln. optical filter, corrosion of circulation system materials 2 30068

gaseous
active elements, obs. of birefringence which develops due to effect of pumping 2—17583
amplification coeff. of diffusion molecular laser 2—21064
axial mode locking using single-side-band modulation 2—27474
chemical, CO, by CS_2+NO_2 flash photolysis 2—2393
chemical, CO emission in CS_2+O_3 reaction 2—2392
chemical, general review 2—2384
chemical, review on development 2—23578
chemical laser system, yielding detailed chemical information 2—23575
chemically pumped systems, review of dynamics and operating characteristics 2—17584
CO_2, intracavity CdTe modulators 2—17665
CO_2 laser absorption characteristics of metals 2—25568
competition of two longitudinal modes in laser with Brewster windows 2—5354
coupled linear resonant cavities, patent 2—11479
c.w. chemical employing supersonic jet, cavity studies 2—23574
c.w. high power output, materials, processing applications 2—23618
with cyanogen halides, patent 2—17617
discharge tubes, h.v. current regulator 2—27392
double-discharge TEA beam, calc. of energy, power density distrib., optimization of peak power density 2—34382
dynamic and fluctuation characteristics, effect of spatial modulation of populations 2—27472
excitation at high pressure 2—11462
fluctuations of radiation, in longit. mag. field 2—5356
frequency stabilized, optical coupling effects 2—23593
H_2, v.u.v. action obs. in Werner bands 1161-1240 Å 2—34393
h.f. generation and amplification, conference, Ithaca (1971) 2—23573
inert gases, u.v., electron beam pumping 2—34381
integrated nanosecond pulse generator and laser using double transmission line as energy storage element 2—31031
intensity, pressure dependence, effect of velocity changing collisions 2—23576
interfacing travelling-wave type modulator 2—17664
internal modulation, multifrequency laser 2—23577
i.r., tunable, overlapping and high-pressure broadening in CO_2 and HF lasers 2—5361
locking, in frequency modulation operation mode 2—14408
metal ion, review 2—34387
methane, generation of i.r. radiation by Raman scattering and difference frequency mixing with a Nd:YAG pump 2—23603
methane, single freq. Brillouin 2—14405
mode competition, equation describing imprisonment of resonance radiation 2—5782
non resonant feedback laser, spectral profile meas. of cw amplified spontaneous emission by heterodyne method 2—21062
optical pumping with allowed electron transitions 2—21063
oscillation, unstable, performance on dynamic laser obs. 2—262
as particle size analyzer, det. from intensity variations in diffraction pattern at infinity 2—21158
passive power stabilization 2—17586
pentafluoroiodomethane, photodissociation laser, Zeeman effects in hyperfine structure of atomic I emission 2—31038
power output calc. expression 2—27476
as power supply load 2—27468
pulsed, simulation of passage of showers of high-energy particles through scintillation counter 2—38362
pulsed discharge, pulse transform. using intracavity absorber 2—31030
reflector loss, mathematical study 2—34384
resonances, narrow, optical freq. standards, microwave standards, interferometry applications 2—34383
Rhodamine B, emission in vapour phase, possibility of lasing 2—39007
ring, exptl. study of lock-in band 2—14406
ring laser, frequency stabilisation system 2—264
ring laser, rotating, in gravitational field, e.m. wave frequency and phase shifts 2—263
use in road making or road control, automatic elevation guidance system 2—21135
Rubrene, emission in vapour phase, possibility of lasing 2—39007
single-mode, with internal absorpt. cell, as wavelength standard, theory 2—31029
spectrometer, pulsed gas laser, dual-beam, for magnetooptic studies of solids 2—5449
super radiance, crit. inversion density, line narrowing 2—5355
thermal compensation system for stabilizing resonators 2—17585
trifluoroiodoethane photodissociation laser, Zeeman effects in hyperfine structure of atomic I emission 2—31038
ultra short pulse, review 2—5351
vacuum u.v. pulse prod., high power 2—14415
Zeeman, anisotropic, vectorial model 2—27466
Al^{3+} ion spectrum of laser-produced plasma, autoionizing series 2—18298
Ar, CW, dependence of population of Ar II levels on discharge tube diam. and magnetic field 2—27478
Ar, CW, energetic characteristics in axial and transverse mag. field, role of plasma processes 2—23606
Ar, continuous, gas compartment inside resonator, behaviour rel. to pressure 2—2391
Ar, conversion to intracavity operation 2—38930
Ar, influence of magnetic field on increase of saturation 2—34388

Lasers continued
gaseous continued
Ar, ion laser transitions, spontaneous emission profiles, line profile anal. 2—24329
Ar, neutral, c.w., characteristics 2—7914
Ar, relaxation process and population inversion 2—976
Ar, rocket tracking system, provides trajectory information for speeds up to 600 mile/hour 2—34407
Ar, Z-pinch, N_2 conc. influence and inversion ratio meas. 2—31032
Ar high power laser, frequency stabilization by multiple feedback loop 2—27477
Ar II, stable single frequency emission under line competition conditions 2—27493
Ar II ion spectrum, excitation mechanisms 2—18300
Ar in strong magnetic field, study of emission intensities 2—14411
Ar ion, hollow cathode arcs applications 2—28680
Ar ion, transitions, Lorentz width obs. 2—15195
Ar ion laser discharge, Tonks-Dattner resonances and det. of plasma electrn density and temp. 2—39132
Ar ionic laser, discharge tube pressure distribution of neutral atoms along length of tube 2—2390
Ar lasers quantitative level population mechanism 2—265
Ar multicolour, visible 2—21065
Ar travelling wave, exptl. study of intermode interaction 2—27453
Ar^+ ion laser, tube geometry effect on some properties 2—23581
CO_2-He-N_2 gasdynamic mixture, numerical analysis 2—17587
CO_2-N_2-He, Michelson interferometer, phase modulated Q-factor, relaxation processes 2—17688
CO_2-N_2-He, passive Q-switching by saturable filter containing OsO_4 vapour 2—27494
CO_2-N_2-He atmospheric pressure, electrode designs for high output 2—11468
CO_2-N_2 gasdynamic laser gain, Na effect 2—23586
CO_2-N_2 supersonic transverse electrical discharges laser 2—23585
CO, chemical, CS_2-O_2 electric discharge, cw lasing 2—17592
CO, d.c. discharge induced C_2H_2 oxidation 2—31787
CO, effect of varying O_2 concentrations on power 2—31033
CO, elec. discharge gas dynamic laser, using CO-N_2-O_2-He mixture 2—17595
CO, electrical laser, pumping mechanism, vibrational energy exchange 2—269
CO, electrically excited, electron kinetic processes 2—17594
CO, i.r. laser, smoothly tunable in wide freq. band 2—11465
CO, laser emission in CS_2+O_3 reaction 2—2392
CO, pulsed discharge high pressure, energy exchange 2—2389
CO, pulsed emission 2—2395
CO, sealed, performance at room temperature 2—2394
CO, stimulated emission observation in 1800-2000 Å range following discharge in gas at 60 torr 2—267
CO, u.v., electron beam pumping 2—34381
CO, vibr. population, gain and excitation mechanism 2—37957
CO c.w. laser prod. in CS_2-O_2 flame, effect of added gases on power 2—7916
CO characteristics, optimization of gas composition, spectral efficiency 2—11469
CO chemical laser, c.w. operation 2—7915
CO chemical laser by CS_2+NO_2 flash photolysis 2—2393
CO_2, atmospheric pressure laser, preionization by high energy electrons 2—17590
CO_2, atmospheric propagation, limitations caused by gas breakdown and thermal blooming 2—37170
CO_2, broadband, coupling modulation 2—23582
CO_2, confined plasma heating 2—35461
CO_2, diffuse reflection attenuator, design and calibration 2—38002
CO_2, discharge, axial mag. field effects 2—24858
CO_2, effect of output-coupling apertures in a resonator on spatial coherence 2—11458
CO_2, experiment on cross relaxation 2—23584
CO_2, focal length meas. of gaseous lens in active medium 2—11466
CO_2, high power output production 2—37964
CO_2, high power single mode, use of quasioptical transmission lines 2—2385
CO_2, high pressure, pumping by electron beam controlled elec. discharge 2—17593
CO_2, internal freq. selection using Fabry-Perot interferometer 2—27480
CO_2, metal film mirrors, minimization of damage susceptibility 2—27638
CO_2, modular system, design and operation 2—34385
CO_2, modulation by hot carriers in n-Ge 2—40598
CO_2, modulation by molecular Stark effect in NH_2D 2—17589
CO_2, noninterference sampling method using ultrasonic diffraction grating 2—7919
CO_2, passive Q-switching using ^{13}C enriched methyl fluoride 2—5357
CO_2, passively Q switched, frequency stabilization 2—21069
CO_2, performance, dependence on electric discharge properties 2—14413
CO_2, plasma, vibrational temp. obs. in i.r. using line reversal method 2—24447
CO_2, positive ion analysis, using mass spectrometry 2—21070
CO_2, possible future applications in control of self-sustained nuclear fusion 2—24242
CO_2, power meter for 10.6 μ 2—2379
CO_2, pulsed, dissociation effect on inversion 2—2396
CO_2, pulsed, output monitoring using photon drag effect 2—21067
CO_2, pulsed, pressure of 15 atm, excitation by electric field and electron bombardment 2—27471
CO_2, pulsed discharge, numerical modelling, output pulse characts. 2—34390
CO_2, Q-switched, selection of single rotational lines using Ge coupling out plate 2—7954
CO_2, Q-switching, applic of Stark effect in methyl chloride 2—3105
CO_2, Q-switching by molecular gases exhibiting Stark effect 2—7920
CO_2, radius obs. near focus of lens 2—21066
CO_2, refractive index of gas discharge medium 2—27495
CO_2, single mode operation by saturable absorbers caused by selective gain discrimination 2—17596
CO_2, Stark effect driven Q-switching 2—21068
CO_2, Stark modulating by organic gases 2—11467
CO_2, TE, low voltage, gas transport, construction and operation 2—34389
CO_2, TEA, air breakdown, intracavity lens arrangement 2—9004
CO_2, TEA, double discharge, construction and operation 2—37961
CO_2, TEA, effect of hydrogen 2—37958

Lasers continued
gaseous continued
CO_2, TEA, electric field and material rate equations 2—37965
CO_2, TEA, for two dimensional interferometry, obs. of refractivity of short theta pinch plasma 2—23686
CO_2, TEA, gain and relaxation 2—37966
CO_2, TEA, intracavity air breakdown 2—6119
CO_2, TEA, large pulse energies in u.v. range 2—7921
CO_2, TEA, Marx generator pulse applic. 2—23588
CO_2, TEA, output power 2—37960
CO_2, TEA, pulse delays 2—37959
CO_2, TEA, two wavelength interferometry of sparks produced by output 2—35632
CO_2, TEA amplifiers, gain saturation 2—14412
CO_2, TEA laser, mode locked characteristics 2—17591
CO_2, TEA laser, self-mode locking, longitud. mode locking, pulse repetition rate deviation 2—11478
CO_2, transverse flow, electrode configuration and power output 2—2388
CO_2, transversely excited, mixing with spin-flip Raman lasers, tunable coherent radiation source 2—7931
CO_2, transversely excited pulsed, press. depend. performance 2—34391
CO_2, using uniform excitation of CO_2-N_2-He flowstream 2—14414
CO_2, vibrational temps. and population inversion calcs. 2—27469
CO_2, with nonlinear absorption under quasitravelling wave conditions 2—268
CO_2,He,N_2 mixtures, modulation by GaAs, CdSe, CdS and CdTe crystals 2—17668
CO_2 (TEA), self locking of axial modes 2—17588
CO_2 amplifier, effect of resonance exchange between 10°0 and 02°0 levels on weak signal amplification coefficient 2—37962
CO_2 amplifier, spatially resolved gain meas. 2—37955
CO_2 cw laser, second harmonic generation in proustite 2—22722
CO_2 discharge, excitation and relaxation of upper laser state 2—35233
CO_2 feedback amplification techniques 2—34386
CO_2 gain kinetics of gasdynamic laser mixtures at high pressure 2—2397
CO_2 gasdynamic lasers, optimum conditions determ. for gain and power 2—27479
CO_2 h.v. axially pulsed, performance 2—14404
CO_2 laser, simultaneous active stabilization and frequency modulation 2—266
CO_2 laser discharges, radial gain profiles 2—23583
CO_2 laser oscillators, injection locking technique 2—22576
CO_2 mixtures, electron energy distrib. 2—7917
CO_2 mixtures, uniform discharges at atm. press. 2—5358
CO_2 modulation of 10.4 μ band, using molecular Stark effect 2—27558
CO_2 population inversion due to expansion through supersonic nozzles 2—5362
CO_2 pulsed, spectrometer for visual obs. using graphite block 2—17735
CO_2 pulsed gas dynamic laser, operating characteristics 2—11463
CO_2 regenerative ring amplifiers, effect of saturation on gain-bandwidth 2—5360
CO_2 TEA laser, special cathode arrangement for triggered discharge 2—11464
CO_2 transversely excited atmospheric, peak gain and temporal behaviour 2—5363
CS_2/O_2, chem., operative mechanisms 2—23587
Cd-He, low noise output, segmented bore 2—5359
Cd 4416 Å line, continuous generation by h.f. excitation 2—37963
ClF, reactions with H_2 and methane, chain branching laser 2—7918
ClF_3, reactions with H_2 and methane, chain branching laser 2—7918
$D_2+F_2CO_2$ mixture, pulsed chem. high press. laser 2—37967
H_2-F_2, chemical laser, time resolved spectroscopy 2—5364
H_2, v.u.v., direct evidence of gain, pulse velocity obs. 2—34394
H_2, vacuum u.v., electron beam excitation 2—17601
H_2 Werner bands, 1161-1240 Å, obs. of vacuum u.v. laser action 2—24470
HBr chemical laser based on H_2+Be_2 reactions, obs. of self-mode locking, discussion of reaction and initiation mechanism 2—27467
HCN, pulsed 337 μm, output and plasma electron density variation obs. 2—23590
HCN, pulsed gain, time behaviour 2—271
HCN, spiking pulses origin 2—23591
HCN, submillimeter, operating at 336 μm, monochromaticity obs. 2—23592
HCN plasmas with H_2 and D_2, 337 μ emission obs. 2—24468
HCl, tranverse flow c.w. chemical, up to 70 mW at multiline power 2—17597
HCl chemical laser based on H_2+Cl_2 reactions, obs. of self-mode locking, discussion of reaction and initiation mechanism 2—27467
HF, atmospheric pressure chemical laser, pulsed operation 2—17606
HF, chem., use of MoF_6 to increase reaction rates in H_2-F_2 mixtures 2—23589
HF, chemical, study of F atom reaction kinetics 2—20199
HF, chemical lasers from flash photolysis of N_2F_4+RH systems 2—270
HF, double discharge initiated using $SF_6+C_4H_{10}$ and SF_6+H_2 2—7925
HF, power and efficiency, obs. 2—21071
HF, transversely pulsed initiated 2—21072
HF addition-elimination chemical laser, flash photolysis of ethylene and tetrafluorohydrazine 2—21075
HF chemical elimination laser from $O(^1D)+CH_nF_{4-n}$ reactions 2—31045
HF chemical laser, performance with N_2 or He diluent 2—21076
HF chemical laser, pulse delay measurements between flashlamp initiation and pulse onset 2—7924
HF pulsed chem. laser initiated by transverse discharge 2—7922
H_2O, c.w. laser, correl. between 28 μ and 119 μ lines, 119 μm line pressure effect 2—17600
H_2O vapour, excitation mechanism, direct electron impact 2—17598
H_2O vapour, wavelength of 27.9 microns 2—17602
HX, DX, X=F, Br, Cl, chemical laser, pulsed transverse discharge 2—17599
^{2}HF, chemical, from D_2+F_2, D_2+NF_3, $D_2+N_2F_4$ and D_2+FNO_2 mixtures, spectral obs. 2—27481
He:Ne intensity correlation near threshold 2—21112
He-Cd, population inversions, Penning process, rate equation model 2—3250
He-Cd hollow cathode, oscillation characts. and excitation mechanisms 2—27484
He-Cd vapours mixture. design 2—23580
He-N_2-Co_3, molecular, electron beam controlled method of pumping at high pressure 2—34392

Lasers continued
gaseous continued
He-Ne, 100% modulation 2—2419
He-Ne, alignment system 2—14409
He-Ne, application in precision alignment 2—5381
He-Ne, continuous-wave radiation power meas. simple meter 2—37956
He-Ne, contrast power resonances using methane absorption cell 2—27470
He-Ne, cw at 88 THz, absolute frequency measurement 2—17174
He-Ne, dispersion characteristics at 3.39 μm 2—23598
He-Ne, effect of the method of introducing losses on the competition of the two modes 2—14407
He-Ne, frequency fluctuations due to acoustic noise 2—23596
He-Ne, frequency stabilisation of unmodulated output 2—11461
He-Ne, frequency stabilization and instability meas. 2—14419
He-Ne, gain distribution meas. 2—7932
He-Ne, interaction of Ne $3s_2 \rightarrow 2p_4$ and $3s_2 \rightarrow 3p_4$ transitions in travelling wave regime 2—23597
He-Ne, internal-mirror lasers, polarization props. at 6328 Å 2—23595
He-Ne, internal mirror, two-mode frequency stabilization 2—31034
He-Ne, intracavity metastable meas. 2—5353
He-Ne, laboratory construction of multilayer dielectric mirrors 2—14416
He-Ne, limits of one frequency mode 2—31037
He-Ne, mechanical vibration noise 2—27473
He-Ne, methane-stabilized, freq. stability 2—14417
He-Ne, method for stabilizing frequency using Lorentzian absorption profile in an external gas cell 2—14418
He-Ne, mode locked, for optical communication 2—2417
He-Ne, mode selection method, saturation effects 2—17605
He-Ne, reflection from surface of off-axis parabolic mirror 2—34435
He-Ne, single isotope, ring 2—21073
He-Ne, single mode, high power 2—2398
He-Ne, steady state amplitude fluctuations, natural spectral line width 2—31036
He-Ne, temp. effects 2—27485
He-Ne, with homogeneously broadened line, competition between two axial modes 2—27483
He-Ne current measurement, e.h.v. transmission lines 2—14352
He-Ne discharge, excitation transfer between excited He atoms and Ne 2—17603
He-Ne frequency composition as a function of cavity eigenfrequencies 2—7923
He-Ne in strong magnetic field, plasma generation 2—2386
He-Ne mode selection using saturable absorber 2—7933
He-Ne oscillation frequency stabilization, by comparison with r.f. standard 2—17604
He-Ne ring laser used as flowmeter 2—28467
He-Ne with Hg cathode 2—27482
He-Se, construction and performance rel. to He-Ne, He-Cd and He-Zn lasers 2—27475
He-Te, new c.w. oscillation at 5708Å 2—31035
He-Xe, amplification, superregenerative 2—23572
He-Xe, amplitude characteristics, rel. to laser superregeneration 2—23599
He-Zn hollow-cathode, oscillation characts. and excitation mechanisms 2—27484
He-air-CH_4, d.c. discharge induced CO molecule emissions 2—2387
He, SF_6 and H_2 or D_2 premixed, self pulsed high PRF to more than 100 kHz 2—23579
HeCd, using recirculation geometry 2—21074
HeNe, mode coupling, obs. 2—14410
$He+{}^{114}Cd$ mixture for exciting scattered-light spectra 2—23594
K-H_2 mixtures with pulsed infection of metal vapour into gas discharge plasma, obs. laser section 2—23601
Kr ion, d.c. excitation, competition effect between 6471 Å and 5682 Å cw lines 2—27496
Kr multicolour, visible 2—21065
N_2/CO_2 pulsed, single mode operation, power extraction of stable and unstable cavities 2—11470
N-CO_2 vibrational energy transfer, time, two cavity gasdynamic laser 2—2399
N_2-CO_2, use for controlled thermonuclear fusion 2—24267
N_2-CO_2 cross beam electric discharge convection laser 2—11471
N_2-CO_2 gas dynamic laser, model for prediction of gain, saturation and pulse length 2—11460
N_2, electron beam excited, stimulated emission obs. 2—23600
N_2, excitation mechanisms of the pulsed discharge 2—5367
N_2, pulse emission in first positive system with cooling of gas 2—37968
N_2, pulsed, calc. of total power emitted at 3371 Å 2—31040
N_2, pulsed, rhodamine 6G dye cavity, linewidth reduction technique 2—5366
N_2, pulsed, u.v. emission 2—5365
N_2, u.v., electron beam pumping 2—34381
N_2 amplifier, 50 MW, 3371Å 2—31039
N_2O-CO-He single pulsed at 300°K, peak gain 2—272
N_2O, 00°1-10°0 laser band study by frequency, mixing in i.r. metal-metal oxide-metal point contact diode 2—31041
N_2O relaxation, rate constant meas. 2—272
Na-H_2 mixtures with pulsed infection of metal vapour into gas discharge plasma, obs. laser section 2—23601
Ne, pulsed, spatial and temporal coherence of superradiance 2—14420
Ne, subnanosecond pulses, amplified spontaneous emission 2—31042
Ne, u.v., electron beam pumping 2—34381
OH‡, stimulated i.r. emission, produced by pulsed electric discharge 2—21077
SO_2, mechanism 2—23602
Tl, pulsed, spatial and temporal coherence of superradiance 2—14420
TlI, mechanism of pulsed lasing of green line in a vapour discharge 2—27486
Xe-He, high pressure, high repetition rate 2—17582
Xe, high repetition rate, using He-Xe discharge 2—21078
Xe, relaxation oscillations, time behaviour and spectra 2—14421
Xe, spectral profile meas. of cw amplified spontaneous emission by heterodyne method 2—21062
Xe, transversely excited, high pulse repetition rate 2—11472
Xe multicolour, visible 2—21065
Xe spectral narrowing dependence on line broadening mechanism, saturation and distributed loss effects 2—14398
Zn-Cd, continuous oscillation, hollow cathode discharge 2—34395

Lasers continued
liquid
acetonitrile, generation of i.r. radiation by Raman scattering and difference frequency mixing with a Nd:YAG pump 2—23603
2,5-di(biphenyl)-1,4-oxazole), spectral intensity changes on excitation by N laser, quantum generation 2—3390
bromocresol green and purple, optical pruning by one- and two-photon processes 2—21083
cresyl violet, flashlamp and laser pumped, characteristics 2—21082
cresyl violet, flashlamp pumped, passive mode locking and freq. tuning 2—17611
cresyl violet dye laser, continuous, mode locked, pumped in red 2—17608
cw dye, astigmatically compensated cavities 2—21079
cyanine dyes for laser generation 7000-11000 Å 2—14423
dipyrazolinylbenzene derivatives, solutions of 4 derivatives, quantum generation 2—27492
1,4-dipyrazolinylbenzenes, isomeric, generating capacity 2—37975
DTDC in methanol dye laser, continuous, mode locked, pumped in red 2—17608
dye, continuous, tunable, design and performance 2—14422
dye, c.w., cavity, stable, efficient and damage resistant, review of designs 2—34376
dye, diaryl butadiene solns., pumped by ruby laser 2—6238
dye, effect of different kinds of quenchers on energy characteristics 2—27489
dye, fast coaxial flashlamp pumped, for photolysis 2—34396
dye, flash lamp pumped, acousto-optic modulator for mode locking 2—17609
dye, flash pumped, laser emission 2—32271
dye, flashlamp pumped, frequency narrowing with Fabry-Perot interferometer 2—5369
dye, flashlamp pumped, power increase using light converters 2—11474
dye, four photon parametric frequency selection in wide stimulated emission lines 2—27487
dye, powerful, variable spectrum, 280-355 n.m. 2—37969
dye, pulsed, logarithmic detector for pulse intensity obs. 2—23703
dye, pumping using u.v. pulsed discharge Xe lamps 2—28670
dye, repetitive (up to 20 Hz) for spectroscopic applications 2—17607
dye, tunable by photodimer distributed feedback 2—17612
dye, tunable frequency picosecond pulse generation and obs. 2—34397
dye, tuning elements, Fabry-Perot interferometer with birefringent elements 2—27654
dye, tuning method, instrumnet allowing extraction of various wavelengths monochromatic coherent light 2—2400
dye amplifiers, properties, optimization for practical use 2—31044
dye laser, high gain, superrradiance 2—17616
dye laser for spectroscopic investigations, efficient spectral narrowing and accurately reproducible tuning 2—37972
dye solutions, laser pumped, spectral shifts of laser emission 2—11476
dye-doped polyurethane thin film, light amplification obs. 2—37978
dyes, flashlamp-pumped, survey 2—7926
fluorescein dye, efficient phase-matched second harmonic generation 2—5368
intracavity double dye laser, ADP used for doubling and summing 2—23604
i.r., application of liquid crystals 2—274
isolation of weak stimulated Raman scattering lines by selective absorption of strongest Stokes component 2—39364
liquid-dye, possible future applications in control of self-sustained nuclear fusion 2—24242
4 methylumbelliferone solutions in $HClO_4$, high efficiency broad band tunable dye laser 2—37976
Nd:$SnCl_4POCl_3$ circulation type, spatial and energy characteristics 2—273
Nile blue A dye laser, continuous, mode locked, pumped in red 2—17608
organic, flashlamp excited, 342-889 nm 2—37974
organic compounds, optimal conditions for laser generation 7000-11000 Å 2—14423
organic compounds, properties, comparison with ruby and Nd lasers 2 275
organic dye solution, efficiency and absorption of pumping radiation by excited molecules 2—37970
organic dyes, effect of photodecomposition on energy characteristics 2—27490
organic-dye lasers, multiple wavelength tunable 2—7929
oscillator-amplifier system using N_2 laser pumping 2—11475
polymethene dye, u.v. emission by second harmonic in $NH_4H_2PO_4$ or $LiIO_3$ crystals 2—27498
pulsed dye laser with monochromatic injection, spectral properties 2—37971
repetitively pulsed tunable dye laser for high resolution spectroscopy 2—31043
rhodamine 6G, flashlamp pumped, rate equation model 2—17614
rhodamine 6G, frequency tunable transform limited picosec. pulses 2—7927
rhodamine 6G, mode locked, freq. tuning 584-645 nm 2—17611
rhodamine 6G, multistage dye amplifier, absolute gain meas. 2—11473
rhodamine 6G, repetitively pulsed flashlamp pulsed dye laser 2—17613
rhodamine 6G, transient gain meaurements on laser dyes 2—11477
rhodamine 6G, wavelength selection using electrooptic ceramics 2—14425
rhodamine 6G, wavelength selection using electrooptic ceramics 2—14425
rhodamine 6G dye, stabilized with Z cut KDP Lyot filter 2—17615
rhodamine 6G dye, with ultrafast transverse flow 2—7930
Rhodamine 6G in ethanol, stimulated emission excitation threshold lowering 2—21990
rhodamine 6J, construction 2—27491
rhodamine 6J, spectral intensity changes on excitation by N laser, quantum generation 2—3390
rhodamine 6J dye laser, construction 2—14424
rhodamine B, mode locked, freq. tuning 584-645 nm 2—17611
rhodamine dye, photobleaching by flashlamp excitation 2—5370
rhodamine dye solns., superradiant laser emission using coaxial flashpump 2—15595
tunable dye, for Raman spectroscopy, using narrow band filter 2—27644
tunable dye, frequency mixed with ruby laser in proustite crystal 2—27488
tunable travelling wave dye ring, characteristics 2—37973
Ar tunable CW dye laser, Brewster angle prism 2—21080
$Eu(NO_3)_3$, spectra enhancement by dye laser quenching 2—25091
H_2O vapour, pulsed, excitation processes and relaxation rates obs. 2—34398

Lasers continued
liquid continued
Nd^{3+}: $POCl_3$-$ZrCl_4$, giant pulse generation, amplification, loss coeff., and stimulated emission cross section detn. 2—27497
Nd^{3+}:$POCl_3$:$ZrCl_4$, *Q*-switched, output characts. 2—7928
Nd^{3+}:$POCl_3$-$SnCl_4$, high power, properties 2—17610
Nd^{3+}:$POCl_3$-$ZrCl_4$, high power, properties 2—17610
Nd:$POCl_3$, spectral output props. 2—34399
Nd^{3+}:$POCl_3$, stimulated emission cross section 2—37985
Nd:$SeOCl_2$, Nd:$POCl_3$, narrow band oscillation, spectral line characteristics 2—17627
Nd aprotic solns., Brillouin and Rayleigh scatt. 2—32269
Nd^{3+}, amplification cross-section in $POCl_3$-$SnCl_4$-(H_2O) system 2—21081
$Nd(O_2PCl_2)_3$/$POCl_3$/$ZrCl_4$, liq. laser soln. i.r. spectrum, relative intensities and frequency assignment 2—35769
$POCl_3$:Nd^{3+} laser amplifier, performance 2—23605
Xe, vacuum u.v. region, electron beam excited stimulated emission 2—28865

semiconductor
in computer devices 2—37993
coupling two lasers using rectangular fibres 2—38005
curved-junction injection laser, patent 2—11491
diode, tunable i.r., applic. review 2—17636
diodes, radiation trapping 2—21104
double heterostruct., long spontaneous lifetimes meas. and interpret. 2—14430
double-diode, dynamics of emission, saturable-absorber effect 2—17632
double-heterojunction, minimum threshold current 2—5375
electron-beampumped, two-dimensionally scannable 2—7936
as emission sources for spectral measurements 2—2472
generation threshold, in homogeneous semicond. with exponential band tail, theory 2—20090
heterojunction lasers, optimal thickness of active layer 2—27519
heterojunctions 2—31054
heterostructure, injection 2—11484
heterostructure electroluminescent diode lasers 2—7937
heterostructure injection, properties, development, future applications 2—21097
injection, c.w., p-n, thermal problems 2—11485
injection, directly modulated, large signal characteristics 2—14428
injection, double-heterostruct., mode reflectivity and waveguide props. 2—282
injection, mesa stripe geometry, fabrication 2—21105
injection, threshold and output power, radiation noise influence 2—2402
injection, with distributed radiative losses 2—27517
injection with diffused or epitaxial p-n junctions internal parameters at 300 K 2—37992
instantaneous and averaged emission spectra of injection laser under spiking conditions 2—37991
junction, continuous operation at room temperature 2—34403
large optical cavity, heterojunction laser diode, high power 2—21103
modulation of, patent 2—21106
p-n junction, operating principles 2—23614
spin-flip Raman, tunable direct meas. of linewidth 2—23613
spontaneous carrier lifetime meas. from stimulated emission delays 2—31053
stripe geometry, heterostructure, proton bombardment method 2—21096
threshold characteristics, dependence on doping level and temp. 2—27515
threshold current density and radiation pattern 2—27460
YAG, influence of resonator matching on output power 2—17644
(AlGa)As-GaAs heterojunction, narrow active regions, symmetrical 2—11486
(AlGa)As-GaAs heterojunction, lasing transitions investigated 2—23615
(AlGa)As-GaAs single heterojunction diode, Fabry-Perot cavity parameter effects on threshold current and efficiency 2—21100
$Al_xGa_{1-x}As$-GaAs heterojunction diode, large- optical-cavity, threshold and efficiency 2—17637
$Al_xGa_{1-x}As$, double-heterostructure, highly uniform, characteristics at room temperature 2—7938
CdS, electron-beam-pumped, temp.-induced wavelength shift 2—2403
CdS, stimulated emission of polaritons 2—34404
CdS lasers, electron beam pumped, increased power output 2—17640
CdSe, dielec. coated, laser emission 2—11487
CdSe, electron-beam-pumped, temp.-induced wavelength shift 2—2403
CdSe neutron induced laser action 2—17638
$Ga_xAl_{1-x}As$-GaAs-$Ga_xAl_{1-x}As$ double heterostruct., with very narrow active regions, operation 2—34405
(GaAl)As, injection, double-heterostructure, pulsation due to lateral optical coupling 2—7939
GaAlAs laser diodes, characteristics 2—21102
GaAs:Si, amphoterically doped, one step liquid phase epitaxy 2—5376
GaAs:Te, Zn, oscillation delay times distrib. over emitting surface 2—5378
GaAs-AlAs heterojunction, internal parameters at 300 K 2—37992
GaAs-AlAs injection, stimulated emission threshold dependence on duration of pumping current pulses 2—37997
GaAs-GaAlAs, heterostructures, at room temperature 2—27521
GaAs, electron-beam pumped, wavelength tuning rel. to lasing threshold 2—11488
p-GaAs, electron beam pumped, wavelength tuning effects 2—14431
GaAs, frequency modulation by injection current 2—27518
GaAs, influence of inhomogeneous distribution of minority carriers on doping dependence of threshold current 2—17634
GaAs, injection, ageing and injected carrier lifetime 2—7940
GaAs, injection, energy depend. of internal losses 2—11490
GaAs, injection, striped geometry, power coupling into optical fibres 2—34533
GaAs, injection, with radiation power about 200 W 2—27524
GaAs, junction, conservation of polarization 2—23616
GaAs, lightly doped, long-wavelength shift in operation 2—37990
GaAs, microwave modulation by pumping with electron beam modulated by microwave signal 2—27522
GaAs, modal behaviour and temp. tuning study, new method 2—21101
GaAs, optical computer memory 2—1665
GaAs, spontaneous emission intensity to full operating power 2—5377
GaAs array, fabrication for uniform polarization 2—17633
GaAs array, uniform polarization 2—37994
GaAs diode, double and single, injection influence of spiking on spectral characteristics 2—27520
GaAs diodes, neutron irradiation effects 2—21098
GaAs double heterostructure, gradual degradation rates 2—21099

Lasers continued

- **semiconductor** continued
  - GaAs effects of 250-800 keV electron beam bombardment on threshold and power characteristics 2–27516
  - GaAs frequency separation between adjacent longitudinal modes meas. and second order dispersion 2–14429
  - GaAs injection laser, anisotropy of active field and radiation polarisation 2–27525
  - GaAs injection laser, room temp. operation, high pulse repetition freq. 2–27523
  - GaAs lasers, electron beam pumped, increased power output 2–17640
  - GaAs multielement, electron bombardment pumping, emitting mirror type 2–37996
  - GaAs optically coupled diodes, under inhomogeneous excitation conditions 2–17639
  - GaAs self pulsing, transitions between mode configurations in mode locked laser 2–11456
  - GaAsP:N, indirect semiconductor, stimulated emission and laser operation (cw, 77K) associated with deep isoelctronic traps 2–17635
  - $GaAs_{1-x}P_x$:N, stimulated emission and laser action on isoelectronic trap transitions 2–37995
  - GaAs;Te influence of dislocation densities on output characteristics of injection lasers 2–17641
  - GaP:Zn-o:N, indirect semiconductor, stimulated emission and laser operation (cw, 77K) associated with deep isoelectronic traps 2–17635
  - GaP, indirect band gap, containing isoelectronic traps, observation of super radient laser emission 2–11489
  - $In_xGa_{1-x}As$, optically pumped at room temp. 2–17643
  - $In_{1-x}Ga_xP$:N, indirect and direct crystals, cw operation on A-line transition 2–17642
  - $In_{1-x}Ga_xP$ platelet, optically pumped, 8900-5800 Å 2–23617
  - $In_{1-x}Ga_xP(x \pm 0.60)$ platelet, optically pumped volume excited cw room temp. operation 2–23612
  - InP, lightly doped, long-wavelength shift in operation 2–37990
  - InSb, Raman spin flip, high intensity 2–16544
  - InSb, spin-flip Raman, fund. loss mechanisms 2–34406
  - InSb, stimulated tunable spin-flip scatt. 2–16545
  - $Pb_{1-x}Sn_xTe$ diode, produced by proton bombardment 2–29776
  - ZnO, electron-beam-pumped, temp.-induced wavelength shift 2–2403
- **solid**
  - angular divergence of radiation and mechanism of shaping a given structure, review of current research 2–2401
  - circular lasers, uni-modal range, using selector in feedback circuit 2–279
  - convex-concave resonators for TEM_{00} operation 2–37980
  - cooled ruby, frequency shifted by adding He gas to vapour phase of liquid N_2 bath 2–34400
  - dye-doped polyurethane thin film, light amplification obs. 2–37978
  - dynamic and fluctuation characteristics, effect of spatial modulation of populations 2–27472
  - fundamental mode radiation, thermal lensing 2–17619
  - giant-pulse ruby laser operating at approx. 6 Hz 2–5371
  - glass, BSC-2, direct nondestructive measurement of self focusing 2–26099
  - glass, damage investigation, plasma formation and fracture 2–26098
  - glass, surface damage threshold studies using holography 2–27505
  - glass, transient phase objects, holographic detection 2–23609
  - glass optical waveguide. Raman oscillation 2–17618
  - heat diffusion near absorbing centres in laser materials 2–23608
  - ideal model, with harmonic oscillator velocity distrib. 2–37977
  - inclusions, metallic and dielectric, in laser materials 2–23607
  - mode self-locking statistics 2–37981
  - population inversion of spin levels in paramag. cryst. 2–6714
  - Q switching, of flash pumped laser, obs. 2–21086
  - Raman lasers and parametric amplifiers, review 2–5345
  - rhodamine 6G:polyurethane film, ring laser, unidirectional operation 2–17631
  - ruby, complex resonator with optical delay line, operating mode 2–31047
  - ruby, effect of selective loss on generation spectra at 80 K 2–27504
  - ruby, emission focusing in spherical resonator 2–5352
  - ruby, emission obs. under self-Q- switching conditions 2–277
  - ruby, fluctuations in output energy, with passive Q-switch or optomechanical switch 2–27506
  - ruby, for generating microsecond light pulases having narrow spectrum 2–37979
  - ruby, free generation with spherical resonator, electro-optical smoothing of spatial inhomogeneities 2–21095
  - ruby, frequency mixed with tunable dye laser in proustite crystal 2–27488
  - ruby, generation in intense mag. field, 77k 2–278
  - ruby, generation of monoimpulsive radiation on non-instantaneous inclusion of resonator 2–31048
  - ruby, generation spectrum, three level centres 2–4485
  - ruby, mode selection with slow Q-switching 2–17623
  - ruby, multiple three level, emission spectra, transition dipole moment orientation depend 2–4470
  - ruby, operation in the purely transverse electric mode TE_{01} 2–31049
  - ruby, pulsed, for holography, recent improvements 2–23646
  - ruby, Q switched, high repetition rate obs. 2–21087
  - ruby, Q-switched, single mode, use in high speed holography 2–38016
  - ruby, self-induced transparency and pulse delay, exptl. investigation 2–11481
  - ruby, single transverse-mode, mode-locked 2–23610
  - ruby, stimulated radiation, irradiated by ^{60}Co gamma rays 2–31050
  - ruby, with controlled lasing time, coherent characteristics 2–14426
  - ruby, with delay line 2–27502
  - ruby for hologram recording 2–21129
  - ruby laser, Q-switching of radiation by phthalocyanine vapour 2–17622
  - ruby laser crystals, trace elements determ. by neutron activation analysis 2–30126
  - scanning, with electron excitation 2–27503
  - second harmonic generation by thermal interaction of waves 2–29867
  - spin flip Raman, tunable i.r., applic. review 2–17636
  - spin-flip Raman, fund. loss mechanisms 2–34406
  - spin-flop Raman, mixing with transversely excited pulsed CO_2 laser, tunable coherent radiation source 2–7931
  - thin film dielectric waveguide laser with feedback using diffraction grating 2–37982
  - t.w. mode generation using active laser in longitudinal magnetic field 2–21085
  - ultra short pulse, review 2–5351
  - vacuum spark relays in pulse generators for igniting 2–17620
  - $Ba_{0.25}Mg_{2.75}Y_2Ge_3O_{12}:Nd^{3+}$, optical spectra and laser action 2–16616

Lasers continued

- **solid** continued
  - Cd_3P_2, provides coherent laser oscillations having 2.12 micron wavelength at liquid He temperatures, patent 2–31052
  - CdS_xSe_{1-x} platelet, optically pumped by electron beam or laser beam, spectral characs. obs. 2–37983
  - Ho^{3+}:YAG, sensitized, lamp pumped, output and efficiency 2–17625
  - Ho^{3+}:YLF, Ho^{3+}:YAG, comparison of threshold and slope efficiency 2–17624
  - InSb, tunable spin-flip Raman laser, in 400 G mag. field 2–5372
  - $KY(WO_4)_2:Nd^{3+}$, transition cross sections, fluorescent line width and branching ratios 2–31051
  - $LiNbO_3$, tunable stimulated scattering, power and linewidth obs. 2–17626
  - Nd: glass, passive shutter, relax. time reduction 2–11482
  - Nd: glass, ring cavity, mode locking 2–5373
  - Nd: glass, with high spatial coherence of radiation 2–27507
  - Nd^{3+}: glass, giant pulse prod. 2–23611
  - $Nd:CaWO_4$, flash pumped, using two-step Q-switching techniques, single longitudinal, transverse mode operation 2–31046
  - $Nd^{3+}:CaWO_4$, with pyrolamp illuminators 2–27514
  - Nd^{3+}:germanate glass, spectral and laser props. 2–20102
  - Nd:glass, coherence measurements 2–37938
  - Nd:glass, effect of Nd absorption bands on generation energy 2–280
  - Nd:glass, effects of u.v. on performance characteristics, need to eliminate wavelengths corresponding to inactive absorption region 2–27501
  - Nd:glass, mode-locked, pulses, ultrahigh speed photography 2–5453
  - Nd:glass, multichannel, single pulse, construction 2–27510
  - Nd:glass, periodic Q-switching for discrete train of light pulses, application to high speed cinematography 2–27499
  - Nd:glass, Q-switched, wavelength tuned by mixing acridine red and rhodamine 6G in dye cell 2–5374
  - Nd:glass and coude system as transportable lunar ranging system 2–23045
  - Nd:glass fibre, regular pulsations of intensity of stimulated radiation 2–37987
  - Nd:glass generation of monoimpulsive radiation on non-instantaneous inclusion of resonator 2–31048
  - Nd:glass mode-locked, single picosecond light pulses 2–21113
  - Nd^{3+}:glass, efficient second harmonic generation using KD_2PO_4 and CsH_2AsO_4 crystals 2–37984
  - $Nd^{3+}:KY(WO_4)_2$, transitions and luminescence line widths, absorption cross sections 2–27508
  - $Nd^{3+}:LiTmF_4$, fluorescence and absorption spectra 2–36944
  - $Nd:PO_4$ glasses, narrow band oscillation, spectral line characteristics 2–17627
  - Nd:YAG, CW, second harmonic generation in $LiNbO_3$ crystals 2–37989
  - Nd:YAG, c.w. Kr arc pumped, characteristics at 20 kW 2–21088
  - Nd:YAG, f.m., mode-locked, controlled bistable operation 2–21089
  - Nd:YAG, intracavity freq. doubling using $Ba_2NaNb_5O_{15}$, catastrophic surface damage obs. 2–29869
  - Nd:YAG, mode locked states, obs. 2–21092
  - Nd:YAG, single longitudinal mode, elimination of multilongitudinal mode oscillation 2–17628
  - Nd:YAG, TEM_{00} output power, obs. 2–21094
  - Nd:YAG, time characteristics of radiation 2–17630
  - Nd:YAG, u.v. light generation by frequency doubling twice 2–11480
  - Nd:YAG, variable threshold acousto-optic Q-switching 2–17629
  - Nd:YAG laser, solar pumping 2–21090
  - Nd:YAG optical pumping by vortex discharge as pumping source, comparative study of Ar, Xe, and Kr 2–27448
  - Nd^{3+}:YAG, pulsed, influence of lamp filling on pumping conditions 2–27500
  - Nd^{3+}:YAG carrier frequency controlled gigabit pulse generation 2–7934
  - Nd:YAl garnet-$Ba_2NaNb_5O_{15}$ harmonic source 2–281
  - Nd:YAl garnet, intracavity acoustooptic modulation, suitability of $PbMoO_4$ 2–4439
  - Nd:YAlG. applic. in pulse optical communications 2–21093
  - $Nd:YAlO_3$, continuously pumped Q-switched, mode selection technique 2–17579
  - $Nd^{3+}:YAlO_3$, continuous laser action, losses 2–14427
  - $Nd^{3+}:YAlO_3$, spectral parameters 2–4496
  - $Nd^{3+}:Y_3Al_5O_{12}$, with pyrolamp illuminators 2–27514
  - Nd- doped $POCl_3$, glass and ruby, numerical evaluation of performance as amplifier 2–7935
  - Nd-YAG, applic. in optical communication system 2–21091
  - Nd-glass, mode-locked, pulse duration by varying cavity length and dye transmission 2–34401
  - Nd, frequency tuning and extraction of second harmonic radiation from prism dispersion resonator 2–37988
  - Nd, Q-switched, medium pulse repetition rate, spectrochemical source 2–20214
  - Nd, Q-switched, radiation statistics 2–21084
  - Nd, quasicontinuously operating under spike free conditions 2–27509
  - Nd, with narrow spectral lines, method of generation and increasing emission 2–27512
  - Nd glass, high power, design of active elements 2–37986
  - Nd glass, improved material, efficiency and damage threshold obs. 2–27513
  - Nd glass laser, effect of induced birefringence of active material on operation 2–11483
  - Nd glass laser, kinetic operation regime, long resonator lengths 2–27511
  - Nd^{3+} activated, simultaneous lasing at 1.06 and 1.3 μm 2–34402
  - Nd^{3+} in YAG, $CaWO_4$ and glass, stimulated emission cross section 2–37985
  - Ne, Q-switched, light source for the resolved direct reading spectrochemical analysis 2–16705
  - YAG:Lu, Nd, ion site distrib. and spectral line broadening 2–36853

Latent heat

- *see also Heat of adsorption, etc.; Thermodynamic properties*
- refractory metals, fusion, obs. at high current densities 2–28943
- Cr, calorimetric obs. of first order transition at 311K 2–36762

Latent image *see Photographic process*

Lattice constants *see Crystal structure, atomic*

Lattice dynamics *see Crystals/lattice mechanics*

Lattice energy

- alkali halide, cohesive energy rel. to Debye temp. 2–29507
- alkali halide crystals; cohesive energy and thermal expansion 2–9316
- alkaline earth oxides, Born model for cohesive energy, rel. to elastic consts. study 2–36093

Lattice energy continued
- alloy, binary ordering, electrostatic and total energy calcs. 2—15713
- anharmonic f.c.c. crystal stability 2—12689
- close-packed to b.c.c. transition, statistical mechanics of phase diagrams 2—22353
- cohesion, rel. to elastic constants, theory 2—1276
- crystallographic transition, electronically induced, solution of dynamic model including higher-order terms in distortion operator 2—25614
- cubic cryst., free energy at finite temp. 2—9845
- durene, iododurene and chlorodurene, crystalline potentials 2—19393
- electrostatic energy derivatives. calc. method 2—25238
- electrostatic interaction energy, lattice of cylindrically symmetrical molecules 2—22092
- halides, calc. using modified Born potential energy function 2—22094
- ionic cryst., quantum theory, Lowdin's approx., Hartree-Fock eqns. 2—25240
- metal, simple, pseudopot. calc. 2—9317
- metals, logarithmic central potential between atom pairs 2—15680
- metals, simple, ion-ion potential, pseudopotential calc. 2—22095
- organic crystals, molecular interaction energy 2—1199
- polyatomic anions, in ionic lattices, electronic props., lattice pot. term modification 2—9321
- Schottky energy calc., relation between force balance and energy minimization procedures 2—39678
- transition metal series, variation of cohesive props. on d-band filling 2—22089
- transition metals, binding mechanisms and virial theorem 2—1200
- wurtzite struct. stability 2—35932
- $CsHF_2$, calc. using multipole moments from LCAO-MO calcs. 2—22093
- D_2, ground state energy calc., mean square displacement of molecules and lattice constant by Nosanow's cluster expansion 2—19369
- α-Fe, modification of Johnson potential 2—39568
- H_2, ground state energy calc., mean square displacement of molecules and lattice constant by Nosanow's cluster expansion 2—19369
- KHF_2, calc. using multipole moments from LCAO-MO calcs. 2—22093
- $RbHF_2$, calc. using multipole moments from LCAO-MO calcs. 2—22093

Lattice gas *see Statistical mechanics*

Lattices, theory and statistics
- 2×N lattice space, occupation statistics for parallel dumb bells 2—11292
- Baxter model, critical index of susceptibility 2—27082
- Bethe lattice, arbitrary biquadratic exchange interaction terms included 2—19843
- binary linear lattices, statistics of clusters 2—27080
- Bravais lattice, ground state of quantum mechanical system of dipoles 2—10236
- critical behaviour in multicomponent systems, high temp. series expansions 2—5157
- critical exponent, 16-vertex lattice model 2—30804
- critical point exponents, universality hypothesis 2—23290
- critical pt. exponents, second neighbour interaction strength depend. 2—7707
- critical pt. exponents, universality rel. to lattice anisotropy 2—7708
- cubic, anisotropic, extended Watson integral 2—20866
- diamond lattice, appl. of Fisher-Sykes attrition relation 2—20862
- elastic structures, prescribed surface design, optimization 2—11332
- electron-phonon interactions, effect on bulk thermal expansion at low temperatures 2—16044
- ferroelectric 'ice' models, analytic properties of free energy 2—33937
- gas models one-dimensional, classical, limiting thermodynamic pressure 2—30799
- gases, use of small external fields in problem of symmetry breakdown 2—23294
- grand partition function of lattice gases, location of zeros 2—27083
- Green's function for the orthorhombic lattice in terms of complete elliptic integral 2—2154
- Green functions, analytic props, application of theory of functions of complex variable 2—7694
- hard-core lattice gas, absence of Ehrenfest phase transition 2—11294
- honeycomb, exact frequency distribution function obtained in terms of complete elliptic integral of second kind 2—20860
- inhomogeneous anharmonic lattice, wave propag., theory 2—17248
- isotropic spin system, critical behaviour 2—23288
- lattice gas, existence of phase transitions with repulsive potential 2—17249
- lattice-gas model, rel. to solute property behaviour near critical point of almost pure solvent 2—9104
- lattice-gas model, two-component, rel. to gas-gas equilibrium 2—9025
- LCAO wavefunctions of simple cubic lattice 2—19017
- linear chain with free end boundary conditions, problem of energy propagation examined 2—11290
- liquid-solid transitions, lattice theory of statistical mechanical mechanism 2—39418
- monomer-trimer problem, series expansion, general formulation and applic. to square lattice 2—20861
- motion of chain with N points moving on two-dimensional hexagonal lattice, Monte Carlo calc. 2—35365
- multiple scattering of particles, random walk theory 2—2155
- one-dimensional, propagation of a disturbance solved by response functions 2—11289
- one-dimensional non-linear model, generalization of Korteweg-de Vries equation 2—27035
- partition function of the eight-vertex model 2—30798
- polymer chain, cluster expansion 2—39019
- polytype structures, random walks 2—20864
- quantum lattice systems, equivalence of equilibrium states 2—7692
- random coil polymer chains, Monte Carlo studies of relaxation of vector end-to-end length 2—24559
- random lattices, double site approx., applic. to calculation of frequency spectra of disordered systems 2—37634
- random self-excluding walk of N-jumps, mean square extension 2—23289
- selfavoiding returns, number 2—37633
- semi-infinite one-dimensional lattice, disturbance propagation 2—17246
- simple lattice gas with real phase changes 2—17256
- sixteen vertex model in zero external field 2—14121
- spherical model, perturbation effects 2—37640
- square lattices, completeness of coherent states 2—33940
- statistics, approximation method, testing against known models 2—30800
- three dimensional models with long range interactions, universality 2—17251
- Treloar's distribution for length of freely connected chain, derivation and numerical implications 2—8843

Lattices, theory and statistics continued
- triangular lattice gas, planar, soln. in Bethe-Peierls approximation 2—30803
- two and three dimensional lattices, asymptotic behaviour of selfavoiding walks and returns 2—37632
- two component material, order description for clustering 2—88
- two-dimensional substrate lattice, detailed calc. of number distinct sites visited in random walk 2—30801
- universality hypothesis, next-nearest-neighbour-interactions 2—33938
- Watson integrals, eval. method 2—1609
- wave theory of lattice-directed trajectories 2—19476
- Widom Rowlinson model, mean field theory and infinite dimensionality 2—7693
- Al, mechanical behaviour of coarse grained specimens in terms of microstructure 2—9682
- Al_2O_3 fiolms on Al, random-walk theory of isotropic elastic electron scatt. 2—6913

Laves phases *see Alloys; Phase transformations/solid-state*

Lawrencium
- electron configurations, energy difference between f^gps^2 and $f^{g+1}s^2$ 2—592

Lawrencium compounds
- No entries

LCAO calculations
- ab initio calc. with efficient GTO basis sets, applic. to H_2, LiH, Li_2 2—21577
- bicyclobutane 2—38965
- chemical reactions, electronic instabilities, solutions of unrestricted SCF LCAO MO equation for homopolar two-centre two electron system 2—40803
- chloroethylenes, π characteristics, SCF-LCAO theory 2—15364
- conjugated radicals, hyperfine splittings in e.s.r. spectra 2—38953
- diamagnetic susceptibilities and shielding in large molecules 2—12085
- diborane, SCF-LCAO-MO wave function, calc. of X-ray scatt. factors 2—6419
- electronic spectra of anions of oxysubstituted aromatic compounds 2—852
- ethane, ab initio calc. of rotational barrier 2—24532
- ethyl fluoride, ab initio calc. of rotational barrier 2—24532
- fast convergence in ω-technique, averaging procedure 2—31755
- formic acid dimer, nonempirical calc. of intramolecular rearrangement 2—3092
- ground state wavefunctions for NH_3 and CH_3^-, LCAO-MO-SCF calcs. 2—35277
- interstitial properties in diamond-type lattice, LCAO MO cluster calcs. 2—9541
- LC (Hartree-Fock)-AO-MO-SCF scheme, electronic structure of carbonium ions 2—31843
- methyl cyanide and isocyanide, LCAO-SCF calculations 2—38993
- molecular cluster, rel. to band structure calc. of diamond infinite lattice 2—9932
- orbital population analysis, approximate MO method 2—8539
- potential energy surface construction, for processes with change in electron config. 2—18387
- SCF LCAO MO constrained eqns. perturbation approach, N_2 ground state 2—31758
- SCF LCAO MO constrained eqns. perturbation approach 2—31757
- SCF LCGO, approx. procedure, derivation from Hartree eqn. 2—5900
- SCF MO LCAO study of spectra and structure of 2,6-bis(4-azidobenzylidene) cyclohexanone 2—12233
- SCF-LCAO-MO-CI π-electron calculations for p-benzoquinone, substituent effects 2—35307
- semi-empirical approximations, usefulness of Harris' equation 2—21573
- semiconductor, amorphous, trial wavefunctions for valence band 2—13253
- semiempirical CNDO approximated LCAO MO theory, elements of HFR operator matrix 2—24422
- semiempirical CNDO approximated LCAO MO theory, transformational props. of HFR operator matrix elements 2—24423
- solid, band struct. determ. 2—13080
- tetracyanoethylene oxide, SCF LCAO MO calc. of electron densities 2—28412
- 1,3,5- triphenylpyrazole, calculation of π-electron states by LACO MO method with Huckel approximation 2—3115
- UHF LCAO MO GTO study of hydrogen exchange and abstraction in $H+CH_4$ system 2—26336
- CF molecule, SCF calcs. of ground and excited spectroscopic states, determ. of spin-orbit coupling 2—38897
- ClF, SCF LCAO MO calculations, polarization effect of 3d orbitals 2—5924
- ClO_4^-, SCF LCAO MO calculations, influence of Cl 3d orbitals 2—5924
- $CsHF_2$, lattice energy calc. using multipole moments from LCAO-MO calcs. 2—22093
- H_2, eigenfunctions corrected by correlation factor, $1s3s\,^1\Sigma^+_g$ state, LCAO-MO method 2—5929
- HCl, SCF LCAO MO calculations, polarization effect of 3d orbitals 2—5924
- H_2O_2 and H_2O dimers, molecular orbital theory of hydrogen bond 2—38905
- He_2, LCAO MO SCF calc. of first order perturbation internal energy terms 2—3135
- KHF_2, lattice energy calc. using multipole moments from LCAO-MO calcs. 2—22093
- MgO, LCAO MO SCF calculation of electronic status obs. in spectrum 2—8664
- NO_2, N_2O and N_2O_4, CNDO/2 study of electronic structure and molecular geometry 2—5936
- PO, LCAO-MO SCF calcs. of Rydberg states 2—35278
- $RbHF_2$, lattice energy calc. using multipole moments from LCAO-MO calcs. 2—22093
- ZnSe:Cu,Er^{3+}, cryst. field at Er^{3+}, LCAO-MO calcs. 2—26096

Lead
- *see also Superconducting materials/lead*
- atom, autoionized lines in arc spectra 2—38815
- atom, collisions with He, He^+, selection rule for charge transfer 2—5891
- atom, collisions with He and He^+, cross sections for electron capture and loss 2—5890
- atom X-ray L_2-L_3 Coster-Kronig transitions probability meas. 2—11961
- autoionized emission lines 2—35140
- in brine, atomic absorption spectroscopy obs. 2—10661

Lead continued
- cosmic-ray interactions, energy dependence of electron- photon cascades on primary hadron energy dependence 2—24034
- creep characteristics, surface tension, viscosity, grain boundary energy, and diffusion coeff. determ. 2—32619
- creep mechanism, stress and temp. depend. 2—9671
- critical resolved shear stress, etch pit dislocation density 2—6549
- crystal growth, striation formation, initial temp. and crucible material depend. 2—3586
- crystal growth, suppression of striations 2—25268
- crystal growth from melt, vacancy condensation and dislocation form. 2—9534
- diamagnetic susceptibility 2—33111
- diffusion, in Ag, along grain boundaries in Au/Ag/Pb film struct. 2—22243
- diffusion g ^{110}Ag 2—22250
- diffusion of Au, press. depend 2—3824
- dislocation damping factor, thermal part 2—25405
- double anneal, grain growth rel. to defects 2—32501
- electrical resistivity and specific heat obs. by impulse method 2—22487
- electron transmission, energy distrib. of transmitted particles 2—36373
- electron-phonon interaction, mixed plane wave effects 2—19489
- embrittlement of steel, effect of comp. 2—9652
- enthalpy of fusion determ. 2—28939
- evaporation heats, spectroscopic determ. 2—28960
- film, electromigration direction 2—36075
- film, epiaxy and fibre texture on mica and glass 2—32374
- film deposition on Cu substrate, LEED obs. 2—29037
- gamma ray scattering, 662 keV, differential elastic cross section 2—8456
- glass, electron energy measurement with discrimination against hadronic background 2—11661
- heat capacity, adiabatic calorimetry, 300-850K 2—4068
- in human blood, nonflame atomic absorption analysis 2—22892
- impurity in Cu, destruction at 1073K, spiral elongation test for annealability 2—3932
- impurity solid-solubility correl. with atom size, heat of solutions 2—3964
- interstitial diffusion of Cu 2—25470
- laser radiation focusing effects in He and air, pulse holography obs. 2—12475
- liquid, compressibility, pseudopot. formalism calc. 2—12550
- liquid, compressibility properties, isothermal and adiabatic, determined in region of melting point 2—3373
- liquid, specific resist., short range order, pseudopotential calc. 2—1116
- liquid, structure factor and atomic distrib., X-ray diffr.obs. 2—18792
- liquid, thermal and natural convection 2—25005
- liquid, thermoelec. and resist., temp. depend., calc. 2—3404
- in lunar minerals by ion microprobe mass analysis 2—37344
- neutron total effective cross section for 130 eV neutrons 2—19478
- n.m.r., exchange consts. and Knight shift anisotropy 2—40781
- n.m.r., pseudodipolar coupling consts. detn. 2—33357
- origin of ^{210}Po in troposphere 2—37134
- photoemission, band struct. 2—19809
- polycrystalline layer, on NaCl, transmission of struct. information 2—6333
- positron annihilation in single crysts., temp. effects 2—25714
- in potassium halides, crysts. and aq. solns., optical absorpt. 2—20039
- powder, in Cd-Pb-Sn mixture, sintering above the ternary eutectic temp. 2—29451
- powder in two- and three-phase mixtures, determ. thermal conductivity by line source method 2—22432
- radial electronic charge density distribution 2—36395
- Sea of Fertility, soil analysis 2—20668
- self diffusion, pressure depend., applic. to vacancy props. 2—36081
- shield for radiation protection 2—556
- in silicate glass, u.v. absorpt. spectra 2—16497
- surface, ang. and energy distrib. of inelastically reflected electrons 2—9911
- surface reactions, O_2-H_2 radicals, low pressure discharges 2—35620
- surface resist., far-i.r., absolute meas. 2—36466
- thermal diffusion of noble metal impurities, heats of transport 2—22242
- thermal expansivity data, rel. to thermal vacancies 2—16042
- Al-Pb junctions, superconducting, 9.3 GHz phonon electron interactions 2—4164
- in As_2Se_3 glass, effect on crystn. rate 2—28974
- $BaSi_2O_5$:Pb, electron beam ageing 2—26247
- KCl:Pb, crysts. and aq. solns., optical absorpt. 2—20039
- KCl:Pb, X-irrad., F-centre accumulation kinetics 2—36070
- KCl:Pb, X-irrad., F-centre accumulation kinetics 2—36069
- KCl:Pb laser window, 10.6μ absorpt., impurity effects 2—16416
- NH_4Br(Cl):Pb phosphor, cryst. growth and spectra 2—1710
- Pb/SF_6, charge exchange, thin film elec. conduction obs. 2—20173
- Pb-Bi eutectic, arc emission spectroscopic obs. of Zr content 2—16703
- Pb-Cu proximity sandwich, tunneling on both sides from supercond. Al base electrodes 2—19558
- Pb, Pb_2, matrix isolated, absorption spectra 2—15223
- Pb I reson. line, press. effect, absorpt. spectrum in presence of Kr 2—24348
- Pb in KCl and NaCl, spectroscopic determination of conc. limits for isomorphic substitution 2—39711
- Pb^{2+}, in alkali halides, A- and C-band Mollwo-Ivey type relns. 2—29197
- Pb^{2+}, in KCl:NO_2, effect on low temp. spectra 2—16492
- Pb^{2+} and Cd^{2+} simultaneous diffusion in NaCl 2—12810
- Pb^{2+} in $BaCl_2$, e.p.r. spectra 2—9600
- Pb^{2+} in NaCl and KCl, polarized luminesc. of impurity-vacancy complexes 2—16609
- Pb^{4+}, (Xe4f^{14}5d^{10}), numerical HF SCF wavefunctions 2—31823
- PbO, deoxidation as process of coating steel with lead, grain boundary impregnation 2—3978
- ^{210}Pb, aerosol samples, ground level radioactivity 2—30305
- ^{212}Pb ions, scattered on monotonic gases, cross section measured from distribution of α particle tracks 2—12015

Lead compounds
- acetate, lattice parameters and space groups 2—19063
- chalcogenide vapour condensation on epitaxial substrate 2—6337
- dicalcium propionate, mol. motion p.m.r. obs. 2—10574
- halides, photoelectron spectra obs., use of cylindrical-mirror analyzer 2—35293
- lead dicalcium propionate, phonons assoc. with 60°C phase transition, Raman spectra obs. 2—19405
- lead-bronze, wear mechanism, dry state sliding 2—29340

Lead compounds continued
- magnetoplumbite powders, mag. spectra before and after annealing, 30-52 GHz meas. range 2—16643
- wulfenite, isotropic abundance of Mo 2—40902
- Bi-Pb_2Bi, eutectic alloy, cellular growth via unidirectional solidification 2—3440
- CdF_2-PbF_2, crystalline miscibility, X-ray obs. 2—22338
- CdF_2-PbF_2 system, phase equilibrium 2—15983
- CdS-PbS heterojunction, photovoltaic effect visible and near i.r. 2—10148
- Cu-Pb system, sublimation in vacuo, applic. of elec. analogy method 2—18888
- In-Pb alloy, connected supercond. cylinders, mag. flux quantization 2—6769
- In-Pb alloys, normal and flux-flow states, Hall effect 2—13162
- In-Pb alloys, supercond., transport entropy of vortices 2—13161
- In-Pb dil. alloys, liq., ^{115}In Knight shifts 2—22006
- InPb superconducting alloys, magnetostriction and magnetization meas. 2—19823
- Pb-Au, alloy, phase diagrams, obs. in $AuPb_3$ region 2—4016
- Pb-Bi, superconducting alloy in porous glass, meas. of critical current density 2—4167
- Pb-Bi, type II superconductor, flux line-defect interaction distances 2—19555
- Pb-Bi alloy, diffusion zone depth estimation during contact melting 2—32565
- Pb-Bi alloy in porous glass, spin-orbit effects, critical fields 2—19594
- Pb-Bi alloys, solid and liq., mag. props., n.m.r. 2—29796
- Pb-Bi amorphous alloys, supercond., electron tunnelling 2—13172
- Pb-Bi eutectic alloy, heat of solidification 2—15630
- Pb-Bi system, contact melting 2—18879
- Pb-Cd-Sb alloy, tensile props. rel. to microstruct. and alloy comp. 2—19269
- Pb-Cd-Zn and Pb-Cd-Zn-Sn systems, phase diagram, computer calc. 2—13008
- Pb-Cd, alloy, evaporation rate vs. temp. curve 2—28952
- Pb-Cd alloys, thermal expansion 2—6682
- Pb-Fe alloy, powder, mag. props., magnetostatic phase interaction effects 2—26051
- Pb-In alloys, proximity effect and sp. ht. jumps 2—19593
- Pb-In alloys, strong coupling, supercond. props. 2—16184
- Pb-In alloys, superconducting, Holstein process observed in far i.r. meas. of surface resistance, new sum rule 2—13120
- Pb-In alloys, thermal cond. near upper critical field 2—25793
- Pb-In alooy, h.f. study of vortex pinning 2—32948
- Pb-In(Tl) alloys, band struct., elastic const. and mag. susceptibility obs. 2—6727
- Pb-Sb eutectic alloy system, elastic moduli, u.s. wedge method obs. 2—39760
- Pb-Sn, alloy, composite struct., growth by zone melting 2—22112
- Pb-Sn, alloy, liq., surface tension meas., max. bubble press. method 2—18807
- Pb-Sn alloys, thermal expansion 2—6682
- Pb-Sn eutectic alloy, superplasticity 2—29263
- Pb-Sn eutectic alloy system, elastic moduli, u.s. wedge method obs. 2—39760
- Pb-Sn system, liq., electronic struct. 2—9078
- Pb-Tl alloy, bulk flux pinning, critical-state model 2—16183
- Pb-Tl alloy system, supercond., hysteresis effects 2—6780
- Pb-Tl alloys, solid and liq., mag. props., n.m.r. 2—29796
- Pb-Zn, alloy, evaporation rate vs. temp. curve 2—28952
- (Pb, La)(Zr,Ti)O_3 ceramics, linear electro-optic effect, modulator construct. 2—40354
- (Pb, Sr), polarization hysteresis, time effects 2—36593
- (Pb,Ba)Nb_2O_6, solid soln. reciprocal tetragonal and monoclinic phase transitions elec. field induced 2—1402
- (Pb,La) (Zr,Ti)O_3 ceramics, optical and electro-optic props. 2—40616
- (Pb,La) (Zr,Ti)O_3 ceramics, pyroelec. props. 2—40366
- (Pb,La)(Zr,Ti)O_3 ceramics, ferroelec. domain switching 2—40355
- (Pb,Zr)TiO_3 transducers, fund. modes 2—29519
- Pb complex, bis acetylacetonato dimethyllead, p.m.r. spectra ^{13}C-H and ^{207}Pb-C-H coupling consts. 2—28320
- Pb complex, lead zirconate titanate ceramic, piezoelectric u.s. interferometer, vel. meas. 2—23385
- $PbAl_2Si_2O_8$-$KAlSi_3O_8$ feldspars, lattice parameters 2—9437
- $Pb_2B_5O_9$Cl(Br), crystal structure, preparation 2—9451
- $Pb_{0.7}Bi_{0.3}$ alloy, strong coupling supercond., electron tunnelling obs. 2—4166
- $Pb_{55}Bi_{45}$, amorphous and cryst. microwave surface resist. 2—13177
- $PbBr_2$:Eu^{2+}, spin Hamiltonian parameters, e.p.r. obs. 2—33342
- $PbBr_2$, film, exciton absorp. spectra, thickness effects 2—10393
- $PbBr_2$, single crystal Raman spectrum obs. 2—7081
- $Pb(Cd_{1/3}Nb_{2/3})O_3$ ferroelectric, cryst. growth, permittivity, spontaneous polarization, temp. depend. 2—19768
- $Pb_{0.95}Cd_{0.05}$Te solid soln., carrier density, density-of-states, cond. effective masses 2—22540
- $PbCl_2$, Cl^- $L_{2,3}$ absorpt. spectra regularities 2—20032
- $PbCl_2$, crystal growth, purification, pure, impurity doped 2—3587
- $PbCl_2$, Kramers-Kronig relationships, refr. and extinction indices 2—15592
- $PbCl_2$, $L_{2,3}$ absorpt. edge of Cl^- 2—33293
- $PbCl_2$, low temp. photo- and X-ray luminesc. 2—29954
- $PbCl_2$, self diffusion of Cl, isotopic exchange techniques 2—36082
- $PbCl_2$ single crystal Raman spectrum obs. 2—7081
- $PbCl_2$ single crystals, colour centres investigated after low temp. neutron irradiation 2—29195
- $PbCl_4$, vibratory spectra, intensities, electro-optical parameters 2—32267
- $PbCl_4$ liquid, Raman spectrum, electronic spectrum of thermodynamic functions determined 2—12568
- $PbCsCl_3$, for electrooptic modulator, cryst. growth 2—35936
- PbF_2-InF_3 system, rel. to PbF_2-TF_3 system (T=Al, Ti, V, Cr, Fe, Ga, In) 2—3724
- PbF_2, critical point analysis of second-order Raman spectra 2—40691
- PbF_2, Pb glass in γ-ray spectrometer, rel. to spectrometer based on scintillation 2—14748
- $PbFe_{1/2}(Mn_{1/2})Nb_{1/2}O_3$, spontaneous magnetoelec. magnetiz., destruction by mag. field 2—10251
- $Pb_5(GeO_4)(VO_4)_2$, cryst. growth and acoustooptical effects 2—36828
- $Pb_{1-x}Ge_xTe$, effect of alloying on energy gap, calc. 2—22552
- PbI_2-AgI solid mixture, emitted smoke ice forming ability 2—22971
- PbI_2, ambient sensitive semiconduction, O_2 chemisorption 2—19650

Lead compounds continued
- PbI_2, layer-like, absorpt. of rare gases, first layer formation by 2D condensation 2—22087
- PbI_2 films, anomalous photovoltages 2—13342
- $PbMg_{1/3}Nb_{2/3}$, ferroelectric, temp. dependence of dielectric props., relaxation polarization, diffuse phase transition 2—16292
- $Pb(Mg_{1/3}Nb_{2/3})O_3$-$PbTiO_3$-$PbZrO_3$ solid solution, piezoelec. characts., permittivity 2—13327
- $PbMg_{1/3}Nb_{2/3}O_3$, electro-optical effect anisotropy 2—10312
- $PbMg_{1/3}Nb_{2/3}O_3$, ferroelec. elec. props. crystal and domain structure 2—1572
- $Pb_{1-x}Mn_xTe$ solid soln., density of states effective mass, and effective mass determ. 2—22539
- $PbMoO_4$, acousto-optic-figure-of-merit estimation 2—4440
- $PbMoO_4$, crystal growth, pressure pulling system, evaporation rate calc. 2—18972
- $PbMoO_4$, spin-lattice relax. of Ho^{3+}, temp. depend. 2—1649
- $PbMoO_4$, suitability for Nd:YAl garnet intracavity acoustooptic modulation 2—4439
- $Pb(NO_3)_2$, anharmonicity 2—19354
- $Pb(NO_3)_2$, elastic and dynamic props. 2—32574
- $Pb(NO_3)_2$, first and zero sound 2—19411
- $PbNb_2O_6$-$BaNb_2O_6$ ceramic system, dielec., piezoelec., and pyroelec. props. 2—29739
- PbO-B_2O_3-Al_2O_3 glass system, phase decomposition, small angle X-ray scatt. obs. 2—3455
- PbO-B_2O_3 glass, water content determ., i.r. absorpt. method 2—28977
- PbO-PbF_2-B_2O_3 flux melt, effect of volatilization loss on ferrite cryst. growth 2—22114
- PbO-PbF_2-B_2O_3 system, solvent in YIG synthesis, primary crystn. fields 2—29101
- PbO-$PbSO_4$ system, i.r. spectra of $xPbO.PbSO_4$, and phase diagram 2—36306
- PbO, film, elec. cond., comparison of α- and β-type 2—4215
- PbO, orthorhombic to tetragonal transform., induced by water 2—29480
- PbO, positron lifetime correlations 2—4150
- PbO ceramic, photocond., spectral depend. 2—36611
- $PbO_{1.57}$, cryst. struct., superstruct.-cell, cell parameters, space group, X-ray obs. 2—15728
- β-PbO_2, thermal decomp., X-ray and thermal analysis obs. 2—22870
- PbO_x film, prep. by reactive cathodic sputtering 2—22075
- Pb_2O_2, i.r. spectra and structure, matrix isolation study 2—15330
- Pb_3O_4, thermal expansion, high temp. X-ray diffr. obs. 2—13054
- Pb_4O_4, i.r. spectra and structure, matrix isolation study 2—15330
- $Pb_3O_2Cl_2$, synthetic, cryst. struct., cryst. parameters, space group 2—15727
- $PbO+ZrO_2+TiO_2$, high temp. reaction kinetics 2—13571
- $5PbO3GeO_2$, switching of optical rotatory power 2—40615
- PbO;Bi, ionic cond., O diffusion, rel. to O partial pressure and doping, 773-1073K 2—22612
- $5PbO.3GeO_2$, ferroelec. cryst., elastic, piezoelec. and dielec. constants 2—22617
- $Pb_{10}(PO_4)_6(OH_6)$, hydrothermally prepared, vibr. spectra 2—16527
- PbPo, inverted band structure from PbS, PbSe and PbTe 2—13095
- PbS-Bi_2S_3 system, vapour phase cryst. growth 2—25257
- PbS-Ge heterojunction, cond. band discontinuity determ. from photovoltage 2—19701
- PbS, film, thermoreflectance spectra 2—29900
- PbS, galena, crystal growth and morphology, PbS-$RbOH$-H_2O hydrothermal system 2—18992
- n-PbS, Nernst effects, scatt. mechanisms, 1-80K 2—25949
- PbS, photoconductivity, spectral response 2—16315
- PbS, X-ray spectra, band struct. determ. 2—29945
- PbS film, epitaxial growth, multilayer approach using NaCl as a parting layer 2—39518
- PbS film, mechanisms of photosensitivity 2—36613
- PbS films, effects of baking on photoconductivity and related properties 2—22647
- PbS films, struct. defects, photosensitivity depend. 2—3773
- PbS photosensitivie films, effects of gas treatment on temp. coeffs. of electrical and photoelectric props. 2—36612
- p-PbS point contact diodes, hysteresis effect in breakdown region 2—33031
- n-PbS point contacts, operation of oscillations and n-type negative resistance 2—29717
- PbS X-ray $L_{II,III}$ emission spectra, ESCA technique position of 5d state 2—36919
- $PbSO_4$, single crystal growth by flux evaporation method, effect of cooling rate on morphology 2—3571
- $PbSb_2O_6$, i.r. absorpt. spectra, cryst. chem. 2—26161
- $PbSe$-$Ge_{1.5}As_{0.5}Se_3$, double glass transition, heat capacity obs. 2—18902
- PbSe-PbTe solid solution, thin film prep. and struct. 2—1180
- PbSe-SnSe, constitution diagram 2—1351
- PbSe epitaxial film, sorption of H and O_2 2—39561
- PbSe films, vacuum deposited, electrical properties 2—6821
- $Pb_3Si_2O_7$, cryst. struct. 2—12731
- PbSn eutectic alloy, extrusion in superplastic region 2—12864
- $Pb_{0.918}Sn_{0.082}Se$ epitaxial growth on BaF_2 and CaF_2 substrates 2—25205
- $Pb_{1-x}Sn_xSe$, elec. props., rel. to band struct. model 2—25825
- $Pb_{1-x}Sn_xSe$, Shubnikov-de Haas effect, Fermi surface 2—25841
- $Pb_{1-x}Sn_xSe$ diodes, laser emission and band crossing under press. 2—37998
- $Pb_{0.75}Sn_{0.25}Te$ solid soln., carrier density, density-of-stages, cond. effective masses 2—22540
- $Pb_{0.76}Sn_{0.24}Te$, p-type to n-type conversion, by proton bombardment 2—36514
- $Pb_{1-x}Sn_xTe$, epitaxial growth, heat treatment and elec. props. 2—32375
- $Pb_{1-x}Sn_xTe$, effect of alloying on energy gap, calc. 2—22552
- p-$Pb_{1-x}Sn_xTe$, free carrier parameters detn., i.r. reflectivity spectra obs. 2—26148
- $Pb_{1-x}Sn_xTe$, photovoltaic and laser diodes produced by proton bombardment 2—29776
- $Pb_{1-x}Sn_xTe$, wavelength modulation derivative reflection spectra, assignment of obs. structures with band calcs. 2—4449
- $Pb_{1-x}Sn_xTe$ epitaxial layers, bulklike photocond. 2—10139
- $Pb_{1-x}Sn_xTe$ epitaxial layers, Hall mobilities and postgrowth annealing 2—4214
- $Pb_{1-x}Sn_xTe$ film, epitaxy 2—39517
- $Pb_{0.95}Sr_{0.05}(Ti_{0.48}Zr_{0.52})_3$, 0.8 wt.% Cr_2O_3, paraelectric to ferroelectric phase transition effect on dielectric and piezoelectric props. 2—1576

Lead compounds continued
- PbTe:Gd, mag. characts., localized moments 2—33141
- PbTe:Sb p-n junction photovoltaic detector, prep. by ion implantation 2—40383
- PbTe-PbSe (SnTe) solid solution, thin film prep. and struct. 2—1180
- p-PbTe-metal barrier, CV characts., inversion layer effect 2—10081
- PbTe, e.m. wave propag., effect of quantized mag. field 2—16228
- PbTe, effect of impurities on homogeneity and dislocation struct. 2—36035
- p-PbTe, elastic consts., electronic contrib. 2—32582
- PbTe, epitaxial, Schottky barriers, application to i.r. detectors 2—7769
- PbTe, epitaxial growth on CaF_2 substrate, electron bombardment effects obs. 2—1181
- n-PbTe, i.r. magnetoabsorpt., phonon-cyclotron and carrier-transfer reson. 2—40678
- PbTe, Mossbauer effect of ^{129}I, isomer shift and effective charge 2—1673
- PbTe, pressed powder, texture 2—1379
- PbTe, thermal cond., hydrostatic press influence 2—19436
- PbTe epitaxial films, microstruct. and elec. props. 2—9279
- PbTe epitaxial layers, Hall mobilities and postgrowth annealing 2—4214
- PbTe film, deposition parameter effects rel. to i.r. multilayer filters 2—40602
- PbTe films, electron-electron scatt. effects in photoelec. emission 2—10160
- $PbTe_{0.8}Se_{0.1}S_{0.1}$ solid soln., carrier density, density-of-states, cond. effective masers 2—22540
- $PbTiO_3$-$PbZrO_3$-$Pb(Zn_{1/3}Nb_{2/3})O_3$ system, ferro- and piezoelec. props. near morphotropic phase boundary 2—33058
- $PbTiO_3$-$PbZrO_3$-$Pb(Zn_{1/3}Nb_{2/3})O_3$, solid soln. study of low temp. internal friction, revealing diffuse max. at -110C 2—1280
- $PbTiO_3$-$PbZrO_3$-$PnBn_{2/3}Z\ n_{1/3}O_3$, electrophysical parameters investigated 2—1554
- $PbTiO_2$, Raman scatt., apparent soft mode line width divergence near transition temp. 2—22788
- $PbTiO_3$, band struct., from diffuse refl. spectra 2—1526
- $PbTiO_3$, ionic displacement, Curie temp., spontaneous polarization, press. depend. 2—13310
- $PbTiO_3$, Mossbauer effect, ferroelec. transition 2—36848
- $PbTiO_3$, nonlinear optical props. 2—19953
- $PbTiO_3$, phase transition, spontaneous polarization, dielec. const., press. and temp. depend. 2—13319
- $PbTiO_3$ ceramic, effect of additives on piezoelec. and related props. 2—36599
- $PbTiO_3$ pyroelectric i.r. detector, noise performance and neutron irradiation resistance 2—17414
- $PbTi_{0.2}Zr_{0.8}O_3$, phase transitions, Mossbauer obs. 2—4001
- $PbWO_4$, thermal expansion, rel. to cryst. chemistry 2—22430
- $PbWO_4$ lattice thermal expansion 2—9896
- $PbZn_{1/3}Nb_{2/3}O_3$-$BaZn_{1/3}Nb_{2/3}O_3$- $PbTiO_3$, dielec. and piezoelec. props. 2—25937
- $Pb(Zr, Ti)O_3$ pyroelectric detectors, high D*, fast 2—34196
- $Pb(Zr,Ti)O_3$, La subst. electrooptical ceramic as wavelength selection device for rhodamine 6G dye laser 2—14425
- $Pb(Zr,Ti)O_3$, rel. to acoustic surface wave convolution 2—19414
- $Pb(Zr,Ti)O_3$ ceramic plate, surface elastic wave propagation characts. 2—29531
- $PbZrO_3$-$PbTiO_3$ ceramic, sintering, calcining temp. effects 2—39953
- $PbZrO_3$, band struct., from diffuse refl. spectra 2—1526
- $PbZrO_3$, phase transitions, Mossbauer obs. 2—4001
- $PbZrO_3$, semicond., thermoelec. effect 2—25948
- $Pb(Zr_{1-x}Ti_x)O_3$:Nb_2O_5, cond. mechanisms rel. to oxygen activity and Ti conc. 2—4275
- $Pb(Zr_{0.65}Ti_{0.35})O_3$ with Nb_2O_5, oxygen depleted surface layers, ferroelec. field effect 2—40357
- $Pb(Zr_{1-x}Ti_x)O_3$, adiabatic depolarization, energy conversion 2—29748
- $Pb(Zr_xTi_{1-x})O_3$, ceramic, electromech. activity, morphotropic phase boundary 2—4280
- $Pb(Zr.Ti)O_3$ ceramic/Ge wafer layers, surface acousto-electric amplification 2—19677
- Pbo, i.r. spectra and structure, matrix isolation study 2—15330
- Sn-Pb alloy, solidified at high cooling rate, struct. and props. 2—39941
- Sn-Pb alloy whiskers, fluctuation effects in resistive transition 2—13179
- Sn-Pb eutectic alloy, superplastically deformed, texture 2—12975
- Sn-Pb eutectic alloy, unidirectional solidification, electronic microanalysis 2—12925
- Sn-Pb exploding wire binary alloy, width of absorption lines 2—38812
- $SrPbO_3$ unit cell, space group, from powder diffraction data 2—3732
- Tl-Pb alloy, phonon spectra, neutron scatt. and tunnelling comparison 2—19395
- γ-U-Pb liquid alloy systems thermodynamic properties 2—39360

Leak detection
- quadrupole mass spectrometer 2—15190
- vacuum seal tests using halide leakage detector 2—30730
- He detection with better sensitivity than mass spectrometer leak detector 2—30740
- ^{85}Kr applic., soak procedure and counting equipment 2—30731
- ^{85}Kr test for determination of leak rates of evacuated tubes 2—23203

Leather *see Materials*

Lee model
- algebraic calc. of resolvent in V Θ sector 2—21198
- with additional Fermi interaction, composite V-particle 2—8061
- field-theoretic description of unstable particles 2—38182
- Galilean invariant Lee model, Fishbane conjecture considered 2—38183
- non-polynomial Lee-like model with ghosts 2—27695
- point source, asymptotic scale invariance 2—5471
- renormalized, nonperturbative solution 2—2485
- S-matrix, persistence of singularities associated with non-L^2 wave functions 2—2131

LEED
- adatoms, comparison of backscattering intensities 2—29055
- adsorbed atoms, ordering rel. to beam splitting 2—3555
- amplitude, dynamical diffraction theory 2—25276
- amplitude, dynamical diffusion theory 2—25276
- amplitudes for a 'bare-substrate' model, development of theory and numerical example 2—29115
- crystal surface, inelastic scatt. by one phonon processes, theory 2—25170
- crystal surface obs. review 2—15650
- display system, use for soft X-ray appearance potential spectroscopy 2—12642
- glass camera for low-energy particle observation 2—25304
- inelastic collision model, surface barrier effects 2—32325

LEED continued

- intensity analysis of Al(001) diffraction pattern, s-wave approx. 2—12641
- ion core scatt. model 2—6311
- ion core scatt. model 2—6310
- metal surface, f.c.c., layer-KKR method calcs. 2—35864
- metal surfaces, surface quality effects, temp. effects, intensity-energy spectra 2—29000
- microscopic quantum theory of electron-solid interactions 2—25171
- orthoferrites, bubble domain material, polishing rel. to surface struct. 2—32332
- pattern classification, origin of extra spots 2—6296
- perturbation techniques, fast schemes 2—12636
- relativistic theory, intensity and spin polarization calc. 2—22062
- solid surfaces using low energy electrons 2—3656
- surface adsorption, beam intensity rel. to inelastic processes 2—25220
- surface structure and ordered adsorbed phase study 2—6300
- surface structure determination 2—28987
- t-matrix formulation of perturbation approach comparison of theory and expt. for Al, Ni 2—25169
- theories, critical review 2—6297
- vibrating crystal surface, electron elastic multiple scatt., temp. effects 2—6323
- vibrating lattice, elastic diffr., theory 2—32423
- Al, {110} surface 2—32333
- Al, intensity anal. of (001) LEED pattern, S-wave approx. 2—12641
- Al, thin film growth on Mo 2—12655
- Al (001) surface rotation diagram 2—3492
- Al surface, (100) and (110), inelastic collision model 2—6324
- Al surface, intensity profiles from (100), (110) and (111) faces 2—9245
- $BaTiO_3$, (001), surface structure, temp. depend. 2—6319
- $BaTiO_3$, (001) surface, temp. depend., 20—650°C 2—6321
- Cu-Al(Sn) alloys, surface segregation 2—22303
- Cu, (100) and (111) faces, intensity-energy spectra, Debye temp. 2—25179
- Cu, (100) and (111) faces, intensity energy spectra 2—25178
- Cu, adsorbed Co and Xe 2—12682
- Cu, chemisorption of H_2S 2—3560
- Cu surface, ion core scatt. model 2—6311
- Fe-Al alloys, surface segregation 2—22303
- Fe, obs. of friction, adhesion, wear and lubrication 2—39848
- α-Fe surface, (111), (100) and (110) 2—6329
- GaAs, electron characteristic loss spectrum, fine struct. 2—6330
- GaAs, vacuum cleaved, adsorption of O_2 2—3561
- Nb surface struct. rel. to supercond. r.f. cavity design 2—32943
- Ni/Na overlayer system, surface struct. 2—28985
- Ni, (100) surface, beam threshold and surface reson. effects 2—32342
- Ni, (100) surface, LEED, beam threshold and surface reson. effects 2—32342
- Ni (111), characteristic energy loss of slow electrons scattered from surface, temperature dependence in Curie point region 2—28991
- NiO, surface magnetization obs., magnetic electron scatt. temp. depend. 2—6995
- NiO surface, clean, exchange scatt. effects 2—39463
- Pb film deposition, Cu substrate, LEED obs. 2—29037
- Pt, (111) surface, carbide overlayer, Auger spectra 2—6385
- Pt, surface struct. of high Miller index surfaces 2—35873
- Re, (0001) surface, C effects, LEED obs. 2—29004
- Re, adsorpt. of CO and O_2, LEED structs., 293-1193 k 2—39563
- Si, refraction of electric waves obs. 2—15658
- Si(111) faces 2—39470
- Si(111) surface struct., Auger spectroscopy 2—3502
- W, (001) surface, electron reflection 1-10 eV 2—25185
- W, (100), inelastic energy losses, plasmons 2—25186
- W, adsorption of gas, cleaning, LEED obs. 2—29011
- W (100), in ion pumped system rel. to H_2 backstreaming on hydrocarbon pumping 2—39545
- W (110) surface, scattering of inert gases and deuterium 2—25176
- WC surface, atomic and molecular diffraction and scattering 2—25174
- W(100) surface meas., influence of O_2 adsorption on scattered electron intensity distribution 2—25175
- Xe, on graphite, two dimensional phase change obs. 2—25224
- ZnO, polar surface obs. 2—18924

Length measurement

- *see also Micrometry; Strain gauges; Thickness measurement*
- atmospheric optics, light beam, gravity centre displacement 2—16839
- block gauges measurement, pneumatic compensator for a double-beam interferometer 2—27594
- cracks in sheet materials, obs. by electrical potential method 2—22308
- crescograph, magnetic, theory of operation 2—2053
- diameters of small holes using a double perflectometer 2—5438
- diffractographic dimensional meas. of displacement 2—21150
- dilatometer, coefficient of linear expansion of Cr-Ni alloys containing Band Si 2—9892
- dilatometric method for measuring thermal compressibility factor of metals with cubic crystalline lattices 2—29356
- discrete photosensitive arrays, effect of random image perturbation 2—27019
- extension measurements between initial points from error ellipses 2—37554
- galvanomagnetic dilatometer with Hall pickup as sensing element 2—37556
- geodetic and industrial, laser applications 2—40873
- ground term resonance line, 743 Å, accurate measurement to fifth order, calculation of other lines in vacuum u.v. 2—8427
- interferometric diameter measurement for spheres and cylinders 2—33861
- interferometric method, lasers as standards, stability performance 2—23593
- laser interferometer based on fringe counting technique 2—21146
- linear analysis, using automatic scanning microphotometer 2—5115
- mean diameter of microparticles from size of projected images 2—37557
- microdisplacements, elongation in layers of materials 2—27022
- microscope attachment, measuring deformation by ruled grid method 2—27023
- optical distance measuring instruments, using electrooptical polarization modulators 2—30747
- optical rangefinders, PMT's with external modulating electrodes 2—31111
- oscillation amplitudes in inaccessible places, optical method 2—23218
- radar altimeter for balloon payloads, design 2—16800
- radii of curvature and surface finish measurement, interference method 2—27024
- using remote laser interferometry, problems 2—20798

Length measurement continued

- satellite altimetry, ocean backscatter model 2—33569
- small displacement sensing by chromatic asymmetry 2—34481
- small displacements, by laser interferometer 2—2055
- tacheometer, self reducing, Dahlta 010 2—15
- underground storage reservoirs, determination of shape and volume by hydroacoustic survey, errors 2—37760
- Ar ion laser transitions, line breadth parameters 2—15195

Length standards *see Standards*

Lennard-Jones and Devonshire theory *see Liquids/theory*

Lennard-Jones potential *see Kinetic theory; Molecules/intermolecular mechanics*

Lenses

- *see also Electron lenses*
- aberration correcting, for isochromatic mirror-lens telescope system 2—30646
- aberration correction, for spatial filtering 2—34451
- aberrations analysis, geometrical and instrumental optics, testing and design, book 2—2421
- aberrations and optical design 2—21142
- absorption for producing uniform laser beams 2—27571
- achromatized doublet system, primary aberrations 2—21143
- acoustic, closed homogeneous cylindrical, gain calc. 2—37758
- acoustic, Eaton, Spherical and cylindrical fluid, scattering patterns 2—17385
- acoustic, homogeneous spherical, sound field in focal region 2—5219
- acoustic, spherical, liquid and solid, focussing props. 2—27241
- annular, cascaded system, focussing e.m. waves 2—5403
- antennas, amplitude and phase transformation 2—20997
- asymmetric design using bicubic splines as interpolation formula 2—2423
- autocollimation focometer for measuring long focal lengths 2—5440
- automatic design program, Gray merit function 2—34444
- automatic design programs, convergence efficiencies of model functions 2—31081
- automatic lens designing and correction, numerical method 2—27575
- beam guides, focal length meas. 2—34439
- bending and thickening, generalized equations for treatment 2—34448
- catadioptric, design and performance 2—8010
- catadioptric imaging systems, meniscus aberration correctors, book 2—27626
- colour TV lighthouse, design using bicubic splines 2—2423
- coma, optical design and aberrations 2—23676
- concave magnetic domain wall, light focusing applic., yttrium orthoferrites 2—7969
- contact, bifocal, retinal image effect, modulation transfer function 2—23706
- contact, manufacture from LSO-M plastic 2—27620
- contact, use of hydrogel polymers, bibliography 2—11222
- contact lenses, lifting forces from corneal surface of the eye 2—41330
- contrast transfer function, importance in design 2—34440
- convergent, cylindrical cavities filled with gases in which radial acoustic waves are excited 2—5409
- design, optimization techniques 2—2454
- design and aberations, tutorial 2—34438
- design for optical Fourier transform systems 2—7968
- distortion, effect on projection photolithography process for microelectronic circuit manufacture 2—27579
- evaluation program testing, optical transfer function det. 2—34445
- fly's eye, with spherical lenslets, modulation transfer functions 2—38042
- fly's-eye, modulation transfer function 2—27576
- Fresnel, for projector condenser systems 2—5405
- gaseous, in active medium of CO_2 laser, focal length meas. 2—11466
- gel contact lenses, transferred corneal toricity rel. to lens thickness 2—41331
- Herzberger's fundamental optical invariant and image formation 2—11508
- at high flux densities, prevention of premature damage at high flux densities 2—17707
- hydrophilic, optical and metabolic problems 2—21144
- image formation, classical theory 2—298
- ion optics, focal plane slope of homogeneous magnetic sector 2—23555
- lenticular sheet, technical problems in three dimensional image formation 2—38045
- magnetic, stigmatic, deflecting, design for ion optics using diagrams in extended fringing field approx. 2—21037
- magnetic deflecting, two directional focusing properties, computer program 2—14381
- mechanical strength of K8 glass lenses, statistical evaluation of reliability 2—27618
- modulation transfer coeff., polychromatic, by laser unequal path interferometer and verification 2—23680
- modulation transfer function, probable error in computation 2—38041
- null, variable, design, third order derivation 2—34449
- optical design and aberrations, astigmatism 2—27015
- optical design and apparatus 2—23215
- optical filter-cum-condenser lens system for Raman spectroscopy 2—38161
- particle optics, waist to waist transfer for thick elements 2—23521
- plastic, camera development, review 2—17755
- rear converter, for image illumination and depth 2—11510
- SELFOC, light focusing fibre guide, application 2—17717
- shooting, automatic focussing device, possible design approaches 2—335
- solar energy concentration, review 2—34437
- spectacle, negative, high refraction, design parameters 2—17676
- spectacles, apical refraction measurement in dioptres 2—27573
- spherical aberration, det. from contrast alterations in defocused image of radial grating under coherent illumination 2—23683
- in submillimeter beamguide, quasi-optical 2—34260
- synthetic apertures, assessment of alignment tolerances 2—38104
- system analysis, expansion of aberration function using Legendre polynomials 2—34447
- telescopic low vision lenses, clinical method of field of view det. 2—26975
- test facility 2—31115
- thermal gradient effects on high-acuity objectives 2—299
- thick lens theory, use of matrices for simple treatment at sixth form level 2—38040
- thin, with variable astigmatic power 2—34453
- thin, with variable spherical power, photographic and ophthalmic applications 2—34452
- thin film light guides, geometrical optics 2—5400

Lenses continued
u.s. demounting 2–27578
X-ray zone plates, holographic production for X-ray telescopes 2–11185
aspherical
aspheric surfaces, fabrication techniques 2–27586
holographic interferometric inspection 2–27554
in optical systems, aberration theory and size/weight considerations 2–34517
testing, binary synthetic holograms by single sideband transmission 2–34442
testing by interferometry 2–34485
photographic
camera, design history of Kodak 2–14496
chrominance response meas. 2–38175
film printing, frequency contrast response, obs. 2–38170
objective for underwater viewing system 2–21145
on photogrammetric surveying camera, UMK 10/1318 2–27688
supplementary lenses and reversal, effect on field depth 2–8052
telephoto, two element, design of components 2–31154
zoom, third order thin lens solutions 2–34450
Leptons
see also Electrons; Mesons; Muons; Neutrinos and antineutrinos
angular correlations in neutrino production of charged lepton pairs 2–14561
annihilation of polarized nonpoint pairs, determ. expressions for differential cross section 2–23788
chirality–prediction from neutral (V+A) schematic current 2–14522
colliding lepton beams with energy 10^2 to 10^3 GeV, weak interactions 2–23789
conservation laws and ν, $\bar{\nu}$ distinction w.r.t. weak interactions 2–21234
excited states, existence rel. to obs. of anomalous magnetic moments 2–21238
Fermi statistics of order 2, neutrino theory of light 2–38229
g factors, review of recent developments, historical overview 2–34604
hadron lepton inelastic collisions, study in vanishing limit of Pomeron contrib. universality of structure functions 2–2530
heavy, decaying into muon and photon, influence on magnetic moment of muon 2–8115
heavy, high spin, possible existence 2–21233
heavy, participating in universal weak interactions 2–378
heavy leptons and associated neutrinos, possible existence and astrophysical consequences 2–2516
heavy neutral, neutrino production 2–17825
heavy particle, tests for production in inclusive neutrino reactions 2–34605
highly inelastic leptonic processes, parton model 2–14543
inelastic scatt., gluon models 2–17826
lepton baryon resonance, exchange in antineutrino scattering 2–14563
lepton nucleon deep inelastic scattering, Green's functions of Currents 2–27709
lepton-hadron collisions, deep inelastic region, sub-urbaryonic composite model 2–31216
lepton-hadron inelastic reactions, renormalized quantum field theory 2–21236
lepton-nucleon inelastic scattering, broken scale invariance 2–23790
lepton-nucleon scattering and pair prod., relativistic quark parton model 2–14560
leptons and quarks, U(4) symmetry scheme 2–38228
magnetic moment, anomalous, weak interaction corrections 2–5497
mass spectrum, from symmetry of leptonic weak interactions 2–34607
massive pair prod., connection between deep Regge limit and deep light cone limit 2–17865
number of black hole, nonmeasurability by means of weakly interacting neutrinos 2–23249
pair production from ν in electromag. field of nucleus, differential cross sect. 2–2764
pair production from circularly polarized γ-quantum nuclear field 2–8114
polarization props., effect on electron and photon spectra from $\nu\mu$ inelastic scatt. 2–27710
processes, pure, selection rules for isospin and hypercharge spin 2–34606
production model for deep inelastic scattering, question of multiplicities 2–17824
scattering of polarized nonpoint leptons on target with arbitrary spin, determ. expression for differential cross section 2–23788
self-mass, in gravitational, electromagnetic and weak interactions mediated by intermediate vector boson 2–31197
weak interactions, high energy behaviour, S-matrix investigation 2–21235
weak interactions, neutrino-lepton, rel. to lepton charge 2–17828
weak interactions, review 2–23779
weak interactions, symmetry rel. to lepton mass spectrum 2–34607
weak interactions developments 2–21220
weak interactions with colliding lepton antilepton beams of energy 10^2-10^3 GeV 2–23787
weak lepton currents, self-coupling in high-energy neutrino and muon reactions 2–2517
weak leptonic interactions, currents and form factors 2–21237
Weinberg's model extension to whole leptonic set 2–31196
$e^+e^- \to l^+l^-$, decay modes and correlations between decay products of heavy leptons 2–14559
Lie groups *see Group theory. For applications see Elementary particles; Field theory, quantum*
Ligands *see Bonds; Molecules*
Light
see also Diffraction; Interference, etc.; Doppler effect; Radiation
apertured focussed Gaussian beams, parametric study 2–27587
beam modes, uniform asymptotic description 2–302
coherent diffraction of electrons by standing waves 2–17551
focusing by concave magnetic domain wall yttrium orthoferrites 2–7969
intensities subtraction by spatially incoherent Fourier holography 2–2412
moment equations for waves propagated in random media 2–7997
neutrino theory, using generalization of Fermi statistics 2–38229
propagation expts. in undergraduate phys. lab., use of computer for analysis and simulation 2–14059
propagation in time dependent gravitational fields 2–2113
pulses in mode-locked Nd:glass laser radiation, ultrahigh speed photography 2–5453
radiation patterns of Gaussian beams truncated by rectangular aperture 2–5410
superradiance master equation, approx. soln. 2–581
Light continued
tired light hypothesis, soln. of missing mass problem 2–13817
wavelength measurements down to 120 nm, Michelson interferometer 2–304
coherence
see also Lasers
addition of uniform deterministic field to random speckel pattern 2–34413
amplified spontaneous emission, beam divergence and spatial coherence 2–27443
bounded media propagation, spatial coherence enforcement 2–5379
coherence surface, determination by means of photon counting experiment 2–37937
coherent transfer function, for imaging systems 2–14443
contactless measurement of local displacements and vibrations, by speckle method 2–31059
diffraction image of triangular wave target in partially coherent light 2–27580
e.m. field, coherent states 2–11450
far i.r., generation by picosecond light pulses in $LiNbO_3$ 2–7903
generation using stimulted Raman scattering 2–34498
Hertzian, conservation in optically pumped ^3He atoms 2–721
in-line, Fraunhofer holography, image formation, spatial and temporal coherence 2–27545
laser, ruby, complex resonator with optical delay line, operating mode 2–31047
laser beam, spatial coherence under multi-mode oscillations 2–23565
liquid crystal electrooptic cells effects, and holographic recording 2–7050
liquid crystals, application to i.r. lasers 2–274
magnetic vibrations generated by reflection of visible laser light on magnetic domain wall 2–31078
matched filtering, spatial coherence effects 2–27546
microdensitometry, linearity with partially coherent imaging 2–23740
nonlinear optics of resonant two-level system, laser pulse excitation 2–27446
optical pulse attenuation, coherent interaction with media 2–31018
partial, aberrations effects on imaging 2–23678
partial, diffraction by spherically aberrated circular aperture calc. of irradiance distribution 2–23693
partial, far field diffraction by spherically aberrated annular aperture 2–27597
partial and lateral localisation of periodic object 2–17691
partially coherent fields, angular correlation and far zone behaviour 2–23558
partially space coherent diffraction of defocused optical systems, effects of amplitude filter 2–11515
polarization, effects in fourier spectroscopy, coherence matrix representation 2–23723
polarized light technique for measuring degree 2–7907
polarized radiation in weak magnetic fields 2–7908
quantum electronics, atomic and molecular coherence, review 2–27445
radiation source, turnable, in 5 μ region 2–7931
ruby laser with controlled lasing time, characteristics 2–14426
ruby lasers, mode selection with slow Q-switching 2–17623
scattered light from atomic vapour, coherence props., level crossing expt. 2–11937
simulation of superposed coherent and chaotic radiation of arbitrary spectral shape 2–23557
spatial coherence, incomplete, effect on photon correlation measurements 2–7910
teaching demonstration 2–17154
time averaged images produced by optical systems with time varying pupils 2–23710
two-photon amplification, quantum correlations 2–34374
two-photon correlations in mixture of Gaussian and laser light 2–23685
vibration analysis of tuning fork of electronic watch, by holographic and photographic methods 2–14234
waveguides, self-focusing pulse channel resulting from striction nonlinearity 2–17715
CO_2 laser, effect of output-coupling apertures in a resonator on spatial coherence 2–11458
Nd:glass laser, measurements of coherence 2–37938
Ne pulsed gas laser, spatial and temporal coherence of superradiance 2–14420
Rb, atomic, self-induced transparency 2–31671
Tl pulsed gas laser, spatial and temporal coherence of superradiance 2–14420
electromagnetic theory
beams couplers, unified theory of prism and grating types in pickup and launch modes 2–34475
Gaussian beam, as bundle of complex rays 2–2299
Gaussian beam, propagation through atmosphere, mode conversion 2–16855
non-monochromatic wave spectrum, propagation in nonlinear nondissipative medium 2–38052
optical cavities, multipass minor modes 2–23464
optical waveguide mode conversion exprts. and propagation in guides with gyrotropic and anisotropic substrates 2–34474
propagation in self focusing medium, wave field struct. near foci 2–11503
propagation of signal waves in perturbed dielectric waveguide, conformal mapping technique 2–34464
quantum mechanical description, coherent states 2–11450
radiation losses in multimode dielectric slab waveguides due to core cladding interface irregularities 2–34522
reversible semi symmetric systems, types I and II reversibility 2–31076
modulation
acousto-optical, dye laser mode locking 2–17609
acoustooptical, effects of mode conversion in 2–17666
attenuation in crystal, Franz-Kel'dysh effect, registration of ultra-short electrical impulses 2–38034
coherent magnetic vibrations generated by reflection of visible laser light on magnetic domain wall 2–31078
diffraction Doppler light modulator, construction, principle of operation and characteristics 2–38085
electro-optic amplitude modulators based on Michelson interferometer 2–38144
electro-optical light modulator, with birefringent beam splitter/ recombiner, patent 2–11521
electro-optical medium, invariant method for calc. 2–38033
electro-optical microwave light modulator, non-reciprocity properties 2–27625

Light continued
- **modulation** continued
  - electrooptic modulator using dielectric slab waveguide 2—294
  - electrooptic modulators, traveling wave, single and double pass, transient phase retardation 2—5397
  - ferroelectric ceramics, modulator construct. 2—40354
  - ferroelectric polarization-refl. type modulator 2—38028
  - ferroelectrics applics., review of developments in Europe 2—40340
  - fly's-eye lens, modulation transfer function 2—27576
  - gas laser axial mode locking using single-side-band modulation 2—27474
  - heterodyne detector, signal/noise ratio 2—38029
  - homodyne detection of signal scattered by moving surface of normally distributed roughness 2—21116
  - internal modulation, multifrequency laser 2—23577
  - i.r., GaAs crystal, freq. response 2—315
  - i.r. lower radiation, using As_2Se_3 2—33214
  - Kerr shutter, nanosecond modulator 2—17754
  - laser, f.m., a.m., exploiting nonlinear optical properties of certain crystals 2—23659
  - laser, plane resonator, mode energy spatial distrib. 2—21056
  - laser beams, random, statistical properties 2—293
  - laser beams, ultrasonic vibrations of one mirror in optical cavity 2—27560
  - laser beams pulsewidth measurement using self-phase modulation 2—23661
  - laser display, electro-optic modulator 2—21133
  - laser emission intensity in variable magnetic field 2—17577
  - laser mode conversion in thin film optical waveguides, gyrotropic and anisotropic material applics. 2—34425
  - lasers, using acoustooptic refraction 2—21134
  - microwave electro-optical modulator in modulation method of phase detection, errors 2—31112
  - multiplexing technique at high information rates of 1Gb/s 2—17664
  - optical cavity, characteristics 2—38032
  - optical communications with lasers, book 2—38004
  - p.c.m. Q-switched pulse stretching applications 2—14399
  - phase modulator, travelling-wave 2—11500
  - phase optical rangefinder, effect of nonlinear characteristics of the radiation modulator 2—27564
  - photoelectric device for obtaining a signal proportional to the intensity difference of two beams 2—27565
  - p.m. and coding techniques in telecommunications, large area photometry 2—14438
  - polarization-modulated, response of optical system 2—17678
  - pulse distortions in mismatched second harmonic generation 2—34408
  - quartz crystals, electro-optic., dispersion and temp. dependence 2—13440
  - random bias holograms obtained using one mirror and one diffuser 2—23635
  - real-time signals, multichannel optical correlation 2—7945
  - ring lasers, effects induced by phase modulation 2—21111
  - semiconductor, by high-field domains, using edge effect in KDP 2—13439
  - semiconductor laser by d.c. voltage, patent 2—21106
  - spatial, of guided waves in planar structures 2—34429
  - spatial pulse modulation of optical signals 2—7963
  - spectral lamps, h.f. 2—329
  - spectral wavelength, digital electrooptic light beam deflection technique 2—31077
  - by thin film waveguide 2—38116
  - thin film waveguides 2—7791
  - transfer function, elliptical annular aperture, effect of polychromatic light source 2—27561
  - transfer function of photographic system, generation of sinusoidal test images by incoherent spatial filtering 2—31149
  - triangular wave targets, in coherent, partially coherent and incoherent light 2—27580
  - ultrasonic wave effect on phase 2—295
  - by u.s. progressive fields, effects on variable width light beam 2—27603
  - Ag_3AsS_3, for electrooptic modulator, cryst. growth 2—35936
  - CO_2,He,N_2 mixture gas lasers, modulation by GaAs, CdSe, CdS and Cdte crystals 2—17668
  - CO_2 gas laser, modulation of 10.4 μ band, using molecular Stark effect 2—27558
  - CO_2 laser, by hot carriers in n-Ge 2—40598
  - CO_2 laser, by molecular Stark effect in NH_2D 2—17589
  - CO_2 laser, coupling to achieve 110 MHz bandwidth 2—23582
  - CO_2 laser, simultaneous active stabilization and frequency modulation 2—266
  - CO_2 laser by Stark effect in organic gases 2—11467
  - CdS, Franz-Keldysh effect 2—7062
  - CdS film, intensity modulation by Franz Keldysch effect 2—38035
  - CdTe, i.r. modulator material prep. and props. 2—29089
  - CdTe film, by excitonic electroabsorption 2—26118
  - CdTe modulator, intracavity, for CO_2 lasers, frequency and coupling 2—17665
  - $DyFeO_3$, of laser radiation, visible and i.r. 2—10309
  - GaAs-Al_xGa_{1-x}As double heterostructure, phase modulation of 180° 2—17710
  - GaAs crystal, for i.r. radiation reduction of half-wave voltage 2—10294
  - in GaAs epitaxial thin films, of 10.6 μm guided waves, Ge prisms and phase grating coupling 2—38117
  - GaAs lasers, frequency modulation by injection current 2—27518
  - Ge, 10.6 μm laser light irrad., rel. to current carrier interactions 2—16236
  - Ge, submillimetre wave, by free carrier absorption 2—21137
  - He-Ne laser emission, 100% modulation 2—2419
  - HgS, for electrooptic modulator, cryst. growth 2—35936
  - KH_2PO_4 electro-optical modulator, with low modulator voltage 2—17669
  - KH_2PO_4 electronic beam-light modulator 2—7964
  - $LiNbO_3$, optical damage free, crystal growth and modulator construction 2—34428
  - $NH_4H_2PO_4$ 45° x-cut, four crystal monochromator 2—21132
  - Nd:YAG laser, mode locked states obs. 2—21092
  - $PbCsCl_3$, for electrooptic modulator, cryst. growth 2—35936
  - Si mesa photodiodes for improved demodulation of light 2—38036
  - $Sr_{0.75}Ba_{0.25}Nb_2O_6$ temp. dependence of dielectric properties 2—4268
  - $YFeO_3$, of laser radiation, visible and i.r. 2—10309
  - ZnS:Ag, luminescence from donor-acceptor transitions, noise and modulation 2—22815
  - Zn_2SiO_4:Mn, saturated cathodoluminescence, noise and modulation expts. 2—22816
- **quantum theory** *see Photons; Quantum electrodynamics; Quantum theory*

Light continued
- **velocity** *see Velocity/light*

Light guides *see Optical instruments*

Light modulation *see Light/modulation*

Light sources
- *see also Lasers; Monochromators; Photometry/light sources; Spectroscopy/ light sources*
- bright continuum source, from visible to vacuum u.v. 2—38142
- colour-discrimination index 2—17700
- comparison, null method using rotating slotted disc, photometer, and photomultiplier 2—17721
- crystal lasers of $Y_3Al_5O_{12}$ and $CaWO_4$, pyrolamp illuminator 2—27514
- discharge lamp parameters calc. for cylindrical and planar geometry sources 2—15504
- discharge lamps, coolant liquid spectral characteristics 2—14469
- discharge lamps, electrodeless, high stability, construction 2—2460
- discharges, microwave, rare gas, low-pressure, visible and near u.v. spectra 2—2469
- dynamically stable positive resistance arcs 2—38137
- evaluation in terms of visual data 2—2043
- fast rise, for detonating sensitive explosives 2—11522
- fibre optic light-emitting discrete line elements for dynamic display of abstract visual perspective 2—31125
- filament lamp, temperature distribution, obs. 2—27595
- flashes, formation with stipulated length 2—38134
- flashlamps, powerful light pulses having complex shape, peculiarities 2—38135
- flashlamps, pressure measurement using piezoceramic pickup 2—27278
- fluorescent lamp, photometry assessment of effect of screen in integrating sphere 2—8001
- fluorescent lamps, chromaticies, obs. using spectrophotometer-tristimulus colorimeter 2—5450
- fluorescent lamps for colour vision testing 2—26984
- gas discharge lamp, spectral composition meas. 2—38143
- Geissler tube, absolute meas. of emission intensity 2—31132
- generator for pulses of nanosecond length 2—27639
- high intensity discharge sources for commercial interior lighting 2—38139
- lamps colour matching properties, appraising using metameric gray object colours 2—11227
- light power, meas. methods 2—27640
- luminaires, det. of average luminance 2—38140
- noise, acoustic, reduction using reverse phase controlled dimmer 2—20946
- noncoherent, intense, use of high pressure gas discharges 2—21171
- photochemical, exploding wires, influence of atmospheric props. on self-absorption 2—34558
- polychromatic, effect of MTF of elliptical annular aperture 2—27561
- pulse clipped Q-switched laser, for plasma diagnostics, nanosecond transmission photography 2—35543
- pulsed, high intensity from interaction of oppositely directed shock waves and gas-discharge plasma 2—12378
- pulsed, operation in magnetic fields 2—23714
- secondary standard in vac. u.v. using transition radiation 2—5443
- shutter, with magnetic control of transmission 2—38088
- sliding spark over solid Xe insulator for plasma production by photoionization of gases 2—35508
- solarisation of glass transmitting u.v. light 2—11525
- spark, framweise photography of fast processes 2—38174
- spark sources for teaching demonstration of velocity determination 2—33845
- standard temperature lamp, stabilized d.c. source 2—23715
- synchrotron, v.u.v. monochromator with fixed exit slit 2—31141
- TV and film lighting requirements and lamp characteristics 2—5444
- u.v., H arc as radiation standard 2—7639
- u.v., inert gas resonance lamps 2—28269
- u.v., intensity calibration in spectral range 10-4000 Å 2—8024
- u.v., secondary standard, calibration by synchrotron and plasma-blackbody radiation 2—8023
- u.v. lamp, D-Ne gas discharge arc lamps, design and emission characteristics 2—31131
- u.v. pulse generator for exciting bioluminescence 2—17724
- vacuum ultraviolet with a differential pumping system 2—5445
- Ar lamp, absolute measurements of emission in 1650-1900Å region 2—28667
- (Ba,Sr)Si_2O_5:Eu^{2+} phosphor for fluorescent lamps 2—11524
- GaP diodes, connected in back direction, time characteristics det. 2—17723
- α-HIO_3, parametric, frequency stability 2—38141
- Hg in Ar, electrodeless discharge lamps, high stability, construction 2—2460
- KH_2PO_4, parametric, frequency stability 2—38141
- Mg(Ga,Al)$_2O_4$:Mn^{2+} phosphor for xerographic lamps 2—11524
- Nd:YAG laser as u.v. light source by frequency doubling twice 2—11480
- $Sr_2P_2O_7$:Eu^{2+} phosphor for photocopying lamps 2—11524
- W/Br lamps, direction of chem. W transport 2—40797
- W-Br lamps, life tests rel. to thermodynamic equilibrium calculations on W-Br-O-H-C system 2—38136
- W-halogen lamps, thermochem. calcs. 2—13574
- W filament lamp, relative spectral power distribution and correlated colour temperature of visible radiation 2—8003
- Xe discharge lamp, long linear, with metallic halide additives, continuous emission spectra 2—3254
- Xe flash lamp for e.p.r. kinetic studies, pulse transmitted by silica light pipe 2—23716
- Xe lamp for light coagulation in treatment of eye 2—11199
- Xe lamps, emission spectrum 2—27641
- Y(V,P)O_4:Eu^{3+} phosphor for h.p. Hg vapour lamps 2—11524

Lighting *see Illumination*

Lightning
- atmospheric electricity, small ion concentration, variation with solar activity 2—37161
- ball, application of plasma equilibrium configurations for sphere 2—32013
- ball, role of perceptual effects in accuracy of reports of visual sightings 2—5083
- ball, shock induced discharge model 2—26505
- ball, structural formation, theory 2—26504
- ball, thermoluminescent properties of stone reported struck by ball lightning 2—7315
- characteristics in N, Nigeria during thunderstorm period 2—40970
- detector, description and evaluation 2—16848

Lightning continued
discharge excitation of the Earth-ionosphere cavity at v.l.f. 2–10754
electric charge supply, mechanisms of generation and separation 2–40948
electric field intensity, exact expression and moment approximation for return stroke 2–1879
electric field variation after effects 2–1877
international curve proposals, for lightning currents 2–30297
intracloud discharges, net electrostatic field changes 2–10734
multiple discharges, interference of l.f. radioelec. waves around ionosphere 2–16893
photomultiplier system for observing and recording light characteristics 2–37164
physics of lightning, upward, downward 2–33477
power spectrum and mechanism of thunder 2–1856
return stroke, channel heating, computer code for temp. profile obs. 2–1878
stepped leader theory in glow-to-arc transitions, retrograde streamer theory 2–10733
straight, possibility of production by shower cores or relativistic monopoles 2–11648
thunderbolts, a review, channel characts. 2–20351

Linear accelerators *see Particle accelerators/linear*

Linewidths *see Spectral line breadth*

Liouville equation *see Statistical mechanics*

Liquefaction, gases
see also Low-temperature production
film condensation with pressure gradients for gases of small Prandtl number 2–39428
He, hypersonic tunnel, air condensation effects 2–6138

Liquid crystals
anisylidene para-aminophenylacetate, APAPA, proton spin lattice relax. 2–6257
application to materials testing 2–32238
4,4′azoxidianisole, electret thermal analysis 2–1078
azoxy compounds, nematic with dielectric anisotropies of different sign, electrohydrodynamic instabilities 2–39340
p-azoxyanisole, drift mobility, temp. depend. 2–39341
p-azoxyanisole, nematic, self-diffusion tensor, temp. depend. 2–25045
p-azoxyanisole, nematic mesophase, spatial distrib. of light scatt. in applied elec. field 2–25087
p-azoxyanisole, phase transform., pressure effects, order parameter, n.m.r. spectra 2–6206
p-azoxyanisole, self-diffusion anisotropy, coeffs., neutron diffr. obs. 2–6225
p-azoxyanisole, thermal, cond., interfacial and temp. gradient effects 2–6228
p-azoxyanisole, ultrasonic determ. of anisotropic shear and bulk viscosities 2–12552
azoxybenzenes, Raman scattering 2–25088
p-azoxydianisole, equilibrium geometry, Raman spectrum and quantum chemical study 2–8733
p-azoxyphenetole, ultrasonic determ. of anisotropic shear and bulk viscosities 2–12552
birefringence and polymorphism 2–9092
4,4-bis(alkoxy)azobenzenes homologous series of nematic liquid crystals, n.m.r. relaxation 2–28898
bis-(4-n-alkoxybenzal)-1,4-phenylenediamines density, temp. depend. 2–18798
5,5’-bisisoxazole oriented in liquid crystals, NMR spectra 2–18493
butyl-p-ethoxyphenyl terephthalate, electret thermal analysis 2–1078
4- butyloxybenzal-4′-ethylaniline, smectic phase structure detn., X-ray obs. 2–32234
carbonaceous mesophase, changes in pleochroism, extinction of contours, microstruct. 2–18826
cell surface phenomena 2–9098
cholesteric, ambient temp. rel. to liq. cryst. tape system 2–9124
cholesteric, area detector, acoustical holograms at 5 MHz in water 2–21124
cholesteric, Cherenkov radiation 2–1075
cholesteric, dislocation line formation in mag. field 2–18795
cholesteric, electrohydrodynamic effects under a.c. electric fields 2–28888
cholesteric, film, change of pitch on u.v. exposure 2–12541
cholesteric, phase-matched normal and umklapp third-harmonic generation processes 2–32265
cholesteric, pitch change rel. to stimulus 2–15570
cholesteric, planar texture, deform. under elec. field 2–1074
cholesteric, temp. dependence of order from reflectance spectra 2–28794
cholesteric, texture, pitch contraction, d.c. elec. field induced 2–6209
cholesteric, thermo-mechanical coupling 2–9088
cholesteric, u.s. propag., viscosity 2–12559
cholesteric domain texture for large pitch 2–15569
cholesteric esters, transparency characts., solid to isotropic liq. phase 2–9132
cholesteric mesophase, with dissolved achiral chromophores, Cotton effect 2–39339
cholesteric mixtures, flow behaviour 2–39338
cholesteric-nematic multicomponent system, Grand-jean texture (disinclinations) conc. depend. 2–9083
cholesterics, applications to nondestructive testing 2–1076
cholesterics, obs. of helical dislocations wound round straight dislocations 2–3365
cholesterics, periodic gridlike deformation in mag. and elec. fields 2–28793
cholesterol acetate, stearate, laurate and myristate, electret thermal analysis 2–1078
cholesterol and thiocholesterol esters, high resolution NMR spectra, transition temps. 2–15574
cholesterol esters, mesomorphic behaviour 2–25039
cholesterol esters, Raman spectra in crystal, cholesteric and isotropic phases 2–28869
cholesteryl 2-(2-ethoxy ethoxy) ethyl carbonate, dynamical behaviour of ordering just above transition to cholesteric phase 2–32235
cholesteryl acetate, transformation kinetics and properties 2–6208
cholesteryl acetate, u.s. velocity near cholesteric-isotropic transition point 2–21983
cholesteryl benzoate, u.s. velocity near cholesteric-isotropic transition point 2–21983
cholesteryl bromide and p-azoxyanisole, phase transitions, small angle X-ray obs. 2–3364

Liquid crystals continued
cholesteryl formate, U.S. velocity near cholesteric-isotropic transition point 2–21983
cholesteryl laurate, dielec. const. temp. depend. on cycling, supercooling 2–35781
cholesteryl myristate, transformation kinetics and pretransition effects 2–6207
cholesteryl myristate/p-methoxybenzylidene- p′n-butyl aniline mixed system, phases with helical structure 2–25050
coherence, application to i.r. lasers 2–274
color changes with temp., appl. to obs. of nucleation sites in boiling liqs. 2–1151
compensated cholesteric, birefringence and optical rotatory dispersion 2–28857
conference, London, England, (1971) 2–9085
conference contrib., condensed matter aspects 2–12548
cyclohexane-d_{II}, liquid crystalline solvent, n.m.r. 2–6258
4,4′-dialkoxy-trans-stilbenes, mesophase- isotropic transition, nematic-isotropic transitions 2–9099
disordered, diffuse X-ray scatt. obs. 2–9375
p-dithiin p.m.r. study of orientation in lyotropic liq. cryst. 2–18500
electro-optic response times 2–35733
electrohydrodynamic effect, high frequency 2–6242
electrooptic cells for holographic recording effects on coherence 2–7050
e.s.r., line shapes for dissolved paramagnetic species 2–9161
3-N-(4′-ethoxybenzilideneamino)-6-n- butylpyridine, room temp. smectic morphology 2–15575
ethyl 4-azoxybenzoate, smectic mesophase, molecular organization, e.s.r. obs. 2–15576
frozen, orientation distribution function of aromatic molecules from triplet e.s.r. spectra 2–38950
Grandjean-Cano disclination, orientation of director, total distortional elastic energy 2–25046
hydrodynamics, theory 2–9086
hypersonic studies, review 2–36336
image convertors, applications 2–38044
as indicator elements, review 2–39334
induced circular dichroism in cholesteric liquid crystals 2–28856
i.r. detector for inspecting semiconductors 2–33008
light valve arrays, matrix-addressed, turn-on time reduction and contrast enhancement 2–8015
light valve devices, photoactivated, photoconductive film/liquid crystal systems 2–21173
in living organisms, lecithin layer struct. 2–41277
lyotropic, mol. order, relax. time and self-diffusion from n.m.r. obs. 2–35796
lyotropic, statistical dynamic theory 2–39333
matrix display, additional solid layers for parasite current suppression 2–25084
MBBA, coherence length in isotropic phase of room- temp. nematic crystal 2–35734
MBBA, electrohydrodynamic phenomena when subjected to unipolar injection 2–32228
MBBA, nematic elastic consts. of twist and bend 2–21964
mesomorphic materials for electro-optical applications 2–32263
mesomorphic phase, twist direction determ. 2–25036
4′-methoxy-benzylidene-4-acetoxyaniline, electret thermal analysis 2–1078
p-methoxy-benzylidine, p-n-butyl-aniline, nematic dispersion and anisotropy obs. in u.s. velocity 2–32261
p-methoxybenzylidene p-n-butylanilene, nematic coherence length in isotropic phase 2–28795
p-methoxybenzylidene p-n-butylaniline, nematic, Raman spectra 2–13493
p-methoxybenzylidene p-n-butylaniline, nematic proton spin-lattice relaxation 2–25113
p′-methoxybenzylidene-p,n-butylaniline, nematic, bending mode of curvature electricity 2–28889
p-methoxybenzylidine, p-n-butylaniline, abs. of domains in longitudinal electric field 2–9100
p-methoxybenzyline-p-butylaniline, refractive index and birefringence 2–18828
mixtures, mol. field treatment 2–9093
molecular, nematic liquid crystalline phase, theory of melting 2–28790
molecular structural change effects 2–9090
nematic, (EAAA) cylindrical function of interatomic distances 2–18797
nematic, cholesteric additives effect on props. 2–12540
nematic, cond.-induced alignment, depend. on voltage above threshold 2–32231
nematic, deformation in electric field, electro-optic effect 2–6233
nematic, dielectric relax., extended Debye theory 2–9094
nematic, diffraction grating, on applic. of elec. field 2–21152
nematic, displays two-frequency coincidence addressing scheme 2–8016
nematic, dynamic scatt. in homeotropic and homogeneous textures 2–32233
nematic, dynamic scatt. of light in applied elec. field 2–9129
nematic, e.h.d. instability, stabilizing a.c. field effect on chevron spatial period 2–28792
nematic, e.h.d. instability threshold, nonlinear behaviour 2–12544
nematic, elasticity and orientational order 2–9089
nematic, elasticity rel. to orientational order 2–9081
nematic, elasticity theory 2–6204
nematic, elec. field induced orientational deform.. tunable birefringence 2–25080
nematic, electric field induced deformations 2–28884
nematic, electro-optic effects 2–9071
nematic, electro-optical effect in cells at room temp., characts. and mechanism 2–35763
nematic, electrohydrodynamic instability 2–21997
nematic, eqn. of motion in magnetic field and eqn. of thermal conductivity 2–6203
nematic, for displays 2–6205
nematic, hydrodynamic instabilities under thermal gradient 2–9082
nematic, instabilities in pulsating elec. fields 2–12545
nematic, intermol. forces influence on positron annihilation 2–18796
nematic, light scatt., heterodyne meas. in applied d.c. field 2–18834
nematic, mag. anisotropy 2–32232
nematic, order parameter, n.m.r. obs. 2–6261
nematic, order parameter distrib., electrodhydrodynamic mode 2–25041
nematic, periodic struct. induced by rot. mag. field 2–18793

Liquid crystals continued
- nematic, phase transitions studied in classical hard-ellipse system model 2—37639
- nematic, piezoelec. domain formation, theory 2—6240
- nematic, self-diffusion of isotropic phase 2—21975
- nematic, spin relaxation of dissolved oblate and prolate symmetric top molecules 2—22004
- nematic, steady state above dynamic scattering threshold 2—25040
- nematic, stimulated Raman scatt. 2—12564
- nematic, T_1 angular dependence 2—6246
- nematic, thermal cond. near interface in mag. field 2—3383
- nematic, threshold effects, electrohydrodynamic treatment 2—15571
- nematic, transverse u.s. wave propag., hydrodynamic theory 2—32239
- nematic, twist wall motion 2—39337
- nematic, twisted, mag. field depend. of capacity 2—12546
- nematic, two-dimensional, possible exptl. obs. of light scatt. 2—9087
- nematic, u.s. attenuation, mag. field effects 2—32257
- nematic, with strong positive dielectric anisotropy, dielectric properties 2—15599
- nematic, X-ray scatt., mol. orientation distrib. function 2—21962
- nematic cells, transient light scatt. attributable to dynamic scatt. 2—3389
- nematic droplets in emulsion in isotropic liq., internal config. 2—25037
- nematic electrolyte systems, field induced surface charges 2—35782
- nematic film, convection 2—32229
- nematic film, elec. controlled bifefringence 2—39363
- nematic liquid, linearized continuum mechanics, orientation pattern for flow 2—9084
- nematic MBBA, dielectric and resistivity obs. 2—25103
- nematic mesophase, MHD effects, director behaviour, continuum theory 2—35445
- nematic ordering, Monte Carlo results for discrete dodecahedral lattice model 2—25047
- nematic p-azoxyanisole, orientation, effect of flow 2—1077
- nematic polypeptide, proton, deuteron and nitrogen resonance of dimethylformamide guest 2—31847
- nematic quantum theory, calc. of spectrum of elementary excitation 2—15568
- nematic slab, wall motion under rot. field 2—12542
- nematic solns., n.m.r. determ. of deuterium quadrupole coupling constants 2—28263
- nematic solution, partially deuterated molecules, H-D dipolar coupling, n.m.r. obs. 2—9170
- nematic system, chiralic molecules addition, optical rotatory power, circular dichroism 2—18827
- nematic to isotropic phase transition, study using two lattice model 2—21963
- nematic turbulence, magnetic stabilization 2—18780
- nematic weakly ordered, flow alignment 2—24994
- nematic-isotropic interface, point disclinations 2—28791
- nematic-isotropic transition short range orientational order effect 2—15187
- nematic-isotropic transition temp. reduction due to thermal fluctuations of mol. conform. 2—32237
- n.m.r. Fourier spectroscopy 2—9175
- optical information processing applic. 2—11526
- organic solid-state reactions 2—35933
- orientational order and motion, u.v., i.r. and magnetic resonance spectra 2—15594
- orienting matrix for 2,1,3-benzothiadiazole mol. struct. determ. using n.m.r. 2—8566
- orienting matrix for quinoxaline mol. struct. determ. using n.m.r. obs. 2—9183
- p-azoxyanisole, nematic, press. depend. of order parameter 2—15572
- 2-(4-n-pentylphenyl)-5-(4-pentyloxyphenyl)- pyrimidine, smectic modifications detn. 2—25042
- phase transition, applic. of Landau theory 2—15954
- phase transitions, n.m.r., n.q.r. and double resonance obs., review 2—6632
- phospholipids, mesomorphic phases rel. to cell membrane struct. and function 2—9097
- photoconductor/liquid crystal sandwich, coloured image formation 2—31133
- piezoelectricity, Meyers coeffs. calc. 2—18845
- poly(γ-benzyl L-glutamate) dissolved in dichloromethane, molecular order 2—28796
- poly-γ-benzyl-L-glutamate, electrically oriented X-ray diffr. patterns 2—15577
- poly-γ-benzyl-L-glutamate, two phase solution 2—25038
- polyphenylmethacrylyl ester of hexyloxybenzoic acid, soln. in benzene 2—25051
- potassium laurate-D_2O system, mesophases, mol. motion obs., n.m.r. obs. 2—6212
- purification methods 2—39335
- quasi-nematic system, two-dimens., nucl. relax. time 2—32236
- review 2—15573
- Schiff's base, mesomorphism, chemical struct. depend. 2—25049
- Schiff's base, mesomorphism, low thermal phase stability 2—25048
- Schiff bases, aromatic, conformation in connection with liq. cryst. props. 2—6210
- smectic, (modifications A, B and C) polymorphism X-ray diffr. obs. 2—18794
- smectic, type-A, continuum theory 2—12543
- smectic A, e.s.r., molecular ordering, hyperfine splitting rel. to mag. field 2—18853
- smectic A to smectic B transition 2—32230
- smectic B phase, model 2—25044
- smectic phase formation, mol. geom. effects 2—9091
- steryl ω-phenylalkanoates, odd-even effects 2—25043
- structure and physical properties, book 2—12547
- surfactant+additive+water systems, light scatt. and transmission obs. 2—9095
- surfactant+additive+water systems, n.m.r. obs. 2—9096
- synthesis and purification 2—39336
- thermotropic, statistical dynamic theory 2—39333
- X-ray diffraction data, calculation of the molecular cylindrical distribution function and the order parameter 2—35741
- H_2O-disodium chromoglycate system, phase transformation obs. 2—6211

Liquid-drop model *see Nucleus/models*

Liquid flow *see Flow/liquids*

Liquid helium *see Helium/liquid*

Liquid lasers *see Lasers/liquid*

Liquid metals
- alkali, binary mixtures, u.s. propag., mol. assoc. 2—28851
- alkali, resist., thermoelec. power, model pseudopot. calc. 2—39384
- alkali, resistivity and thermopower, Shaw's modified Heine-Abarenkov model potential 2—3359
- alkali metal alloys, nucl. spin-lattice relax. 2—18855
- alkali metals, interionic potential calc. 2—21955
- alkali solvents, struct. transition of Sn impurities 2—18799
- alkaline earth, elec. resist., pseudopots. 2—18849
- alloy, binary, critical behaviour, elec. cond. obs. 2—18790
- alloy, binary, liquid-liquid equilibr., Gibbs energy of mixing 2—32241
- alloy, electrotransport reversal comp. 2—39353
- alloy, molten, small angle x-ray scatt. 2—15700
- alloy melt, thermodynamic props., diffusion and viscosity 2—25071
- alloys, binary, containing O and S, quasichem. eqns., activity coeff., bonding 2—25584
- binary alloys, surface tension calc. 2—28816
- cluster size determination 2—35732
- compressibility, pseudopot. formalism calc. 2—12550
- compressibility properties, isothermal and adiabatic, determined in region of melting point 2—3373
- convection, thermal, theoretical anal. 2—28751
- density meas., review 2—39344
- density oscills. in liq.-vap. transition 2—15631
- diffusion, structural model, threshold energy 2—9119
- dop oscillations damping in non-conducting fluid by transverse magnetic field 2—949
- electrical conduction via percolation processes 2—13072
- electrical conductivity, eddy current probe for obs. of fluctuations at high temp. 2—34285
- electronic struct. using complex energy approx. 2—9078
- electronic thermoosmosis 2—35783
- embrittlement of Ge 2—29310
- ferrous d.c. pump operating characteristics in braking regime 2—8898
- flow in skew mag. field 2—968
- Hall coeff., spin-orbit interaction influence 2—18848
- heat transfer, in line flow through tube bundles at constant and exponential heat flux distribution, rel. to reactor cooling 2—38723
- levitation calorimetry 2—21979
- Lorenz ratios, anomalous behaviour 2—15607
- microflowmeter, conduction level indicator 2—25010
- molar sound velocity, temp. dependence, computer calc. 2—15586
- monovalent alloy, electrotransport, phase shift approach 2—21971
- negative ion stability 2—28779
- pseudogap formation, Hall effect study 2—15609
- rotating discs, in magnetic field 2—943
- spin relaxation of cond. electrons 2—6999
- steel, destruction of TiB_2 or ZrB_2 rods by dissolved O_2 2—10625
- steel, nitrogen solubility, calc. 2—9771
- structural micro-defects, quasi- polycryst. model 2—28788
- structure calcs. using mean spherical model 2—39326
- structure factor and atomic distributuon, X-ray diffr. obs. 2—18792
- surface tension, non-equilib., mathematical estimation 2—6223
- thermal diffusion, phenomenological theory 2—28822
- thermal diffusivity, temp. depend., apparatus 2—19443
- thermoelectric power, Lorenz ratios, inelastic electron scatt. 2—12575
- thermoelectromotive force 2—21998
- transition, electronic props. 2—15564
- transition metal alloy, resist., Faber-Ziman model 2—18847
- transport props., viscosity and self diffusivity data 2—28807
- velocity meter with cylindrical magnet, potential distributions 2—947
- Ag-Al alloys, config. transition of Ho impurities 2—39390
- Ag-Sn system, thermodynamic props. 2—40000
- Al-Si eutectic alloy, unidirectional solidification, convection effects 2—12614
- Al, and Al-Li alloys, partial free energies, 957 and 987K 2—28836
- Al, density of electronic states 2—3361
- Al, specific resist., short range order, pseudopotential calc. 2—1116
- Au-Fe alloys, mag. susceptibility, temp. and conc. depend. 2—15611
- Au-Sn alloy, struct. and activity coeff., stirred H-cell study 2—28784
- Au, struct., X-ray exam. 2—6201
- Bi-Ga, obs. of paraconductivity above critical point 2—12576
- Bi-Sb, alloy, thermal cond. 2—36365
- Bi, electronic structure from nonlocal energy dependent model potentials 2—39328
- Bi, thermal cond. 2—36365
- Cd, resist. and thermopower, temp. depend., calc. 2—3404
- Co-Ce alloys, local mag. moment of Ce 2—6244
- Co, solubility of N and C, scaled particle theory calc. 2—21965
- Co, thermodynamic props. determ. by levitation calorimetry 2—21979
- Cs, temperature dependence of resistivity evaluated using a model potential in the Ziman formula 2—3405
- Cs Hall-effect meas. 2—16137
- Cu, electronic struct. temp. depend., n.m.r. obs. 2—10545
- Fe-Si alloys, struct., X-ray exam. 2—6202
- Fe, density and viscosity, anomalous change at 1610°C 2—28805
- Fe, solubility of N and C, scaled particle theory calc. 2—21965
- Fe, wetting of MgO, Al_2O_3 and SiO_2 2—3496
- Ga, filling of narrow channels in zeolites 2—1384
- Ga, hall effect meas. by Corbino method 2—1113
- Ga, Lorenz no., temp. independence 2—40091
- Ga, supercooled, quasi-electric neutron scatt. and struct. factor 2—15566
- Ga, thermal cond., 250 to 550C 2—15584
- Ge-Fe alloys, mag. susceptibility, temp. and conc. depend. 2—15611
- Ge-Mn alloys, Hall coeff. and elec. resist. 2—15608
- Hg, electronic structure from nonlocal energy dependent model potentials 2—39328
- Hg, Hall effect meas. by Corbino method 2—1113
- Hg, Hall effect near metal-insulator transition 2—19623
- Hg, liquid-vapour interface transport obs. using radioactive tracer 2—25004
- Hg, resist. and thermopower, temp. depend., calc. 2—3404
- Hg, sp. ht., spline correl. function 2—18812
- Hg, thermal diffusivity, heat pulse technique applic. 2—18818
- Hg filling of narrow channels in zeolites 2—1384
- In-Ga alloy, thermal cond. and Lorenz number 2—18816
- In-Pb dil. alloys, ^{115}In Knight shifts 2—22006
- In, electronic structure from nonlocal energy dependent model potentials 2—39328

Liquid metals continued
In, resist. and thermopower, temp. depend., calc. 2—3404
K, Hall-effect meas. 2—16137
K, meas. of vapour pressure curve up to critical point, determ. vaporization entropy as function of temp. 2—28963
K, oscillation spectra, variational calc. 2—9077
K, sp. ht., spline correl. function 2—18812
La-Sb alloy melt, e.m.f., thermodynamic props. 2—30073
Li-Na, obs. of paraconductivity above critical point 2—12576
Mg pumping with submerged a.c. conduction pump 2—960
Na-K alloy, electrotransport theory 2—21999
Na-K solutions electrical transfer, resistivity and density of electron states meas. 2—39386
Na-Li system, small angle X-ray critical scatt., opalescence 2—3428
Na-Rb alloys, electrotransport obs. 2—25104
Na, Hall-effect meas. 2—16137
Na, Na-Li alloys, elec. resistivity, 100-1050°C 2—12578
Na, oscillation spectra, variational calc. 2—9077
Na, sp. ht., spline correl. function 2—18812
Na, speed of sound, 1000 to 1500C 2—15588
Na, static struct. factor 2—35728
Na, statistical error due to finite time averaging in computer expts. on number density and kinetic energy-density autocorrelation 2—32220
Na, velocity autocorrel. function and self-diffusion coeff. 2—32226
Ni, density and viscosity 2—28805
Ni, solubility of N and C, scaled particle theory calc. 2—21965
Pb-Bi system, contact melting 2—18879
Pb-Bi(Tl) alloys, mag. props., n.m.r. 2—29796
Pb, resist. and thermopower, temp. depend., calc. 2—3404
Pb, specific resist., short range order, pseudopotential calc. 2—1116
Pb, thermal and natural convection 2—25005
Pd, thermodynamic props. determ. by levitation calorimetry 2—21979
Rb, Hall-effect meas. 2—16137
Rb, optical constants meas. in 0.3-2.4 μ wavelength region, temperature dependence 2—16417
Rb, temperature dependence of resistivity evaluated using a model potential in the Ziman formula 2—3405
Sb-Cd(Sn)(In) melts, interdiffusion coeffs., conc. depend. 2—9121
Sb, thermal cond. 2—36365
Sn-Cd alloy, Cd segregation during melting, neutron radiography obs. 2—15633
Sn-Cu(Ag)(Au) alloys, liquid, Knight shift comp. depend. rel. to conduction electron density 2—9177
Sn, thermal and natural convection 2—25005
Te, self-diffusion coeff., temp. depend. 2—39355
Te, struct. evolution, temp. depend. neutron diffr. obs. 2—12539
(80 at.%)Tl-In, melt, struct., X-ray obs. 2—21961
Tl, resist. and thermopower, temp. depend., calc. 2—3404
γ-U-Pb systems, thermodynamic properties 2—39360
WC-Co, hard alloy cermet, Co melt redistribution process 2—32736
Zn-Mn-Al alloy, Curie-Weiss law behaviour 2—19887
Zn-Mn alloy, Curie-Weiss law behaviour 2—19887
Zn-Sn-Cd-Bi, solutions, thermodynamic properties 2—3382
Zn, specific resist., short range order, pseudopotential calc. 2—1116

Liquid oscillations
falling sheet of water, stability 2—9063
hydrodynamic, non-uniform, levitation and counter- gravity motion of spheres 2—9050
natural frequencies, viscous liquid in rectangular tank 2—28764
rotating cylindrical container, hydroelastic vibrations of liquid 2—18783
surface, in shallow two-dimensional basin 2—28476
water drop, stability in electric field 2—9065

Liquid waves
see also Acoustic waves
capillary-gravity, absorption in shallow water 2—3348
double Kelvin waves, experimental generation 2—6182
excitation of resonant triads by single internal waves 2—39310
formation, effect on mass transfer, liquid-in-liquid jets 2—3350
gravity, standing internal, degeneration when resonantly excited 2—9061
head, frequency spectra from transition layers, rel. to Earth's crust 2—1053
internal, collapse of a two-dimensional mixed region in a density gradient 2—12527
internal, interaction width surface waves 2—28766
internal, resonant generation in deep ocean through nonlinear interactions of surface waves 2—26468
interrupted breach wave propagation, iterative computer calculations 2—18775
long waves, boundary effects in rotating basin with a bottom step 2—32199
nonlinear dissipative, in inhomogeneous media 2—14071
ocean, nonlinear Kelvin and continental shelf, equations 2—30239
ocean gravity waves rel. to l.f. ambient noise 2—30253
shock wave damping in liquid containing gas bubbles 2—39319
spectra of random scalar anisotropic hydrophysical fields in terms of wave number 2—12529
thin films, cross hatched wave patterns, stability, near supersonic streams 2—32216
transverse correlation and transverse mode, generalized Langevin equation 2—39309
unsteady waves and currents rel. to theory of long waves 2—12528
water, internal gravity, instability 2—28762
water, transmission over shelf of arbitrary profile, new source potential 2—25021
surface
see also Oceanography
acoustic model for experimental study of water wave problems 2—9060
air layer motion, kinematics 2—20331
air turbulence, momentum transfer 2—15553
bow breaking, blunt body displacement ships 2—18786
caustic, asymptotic evaluation of wave field 2—21940
droplet breakdown dynamics in gas flow 2—1063
erosion patterns on beach sand due to hyperbolic outer flow 2—3349
in flowing films, length, amplitude and phase velocity 2—1068
free surface, exact solution for waves due to motion of submerged ellipsoid of revolution 2—39311
generation by wind, electro-hydraulic wave follower for wind field studies 2—16793
immersed cylinder, oblique incidence 2—1054
interaction width internal waves 2—28766

Liquid waves continued
surface continued
Lake Mitchigan, wind induced, normalized and equilibrium spectra 2—30241
long, generation on sloping beach 2—20292
long waves sweeping through short waves, glitter photographs 2—13647
rel. to non-Ohmic electron transport 2—12574
ocean, height meas. with nanosecond radar 2—22952
ocean, interactions with geomagnetic field 2—33435
ocean, internal spectra in the presence of fine structure 2—4649
ocean, nonlinear interactions causing resonant generation of internal waves 2—26468
ocean, rel. to velocity field in upper layer of ocean 2—13631
ocean dynamics with turbulent character of motion 2—20287
permanent on viscous liquid flowing down inclined plane 2—21941
plane progressive irrotational waves effects on thermal boundary layers 2—6181
propagation of finite amplitude waves with statistical irregularities of bed 2—18785
roll waves in gas-liquid film flow, model 2—9070
Rossby wake, island in eastward current 2—10710
sea, energy spectra from photographic interpretation 2—20295
sea, phase speed relation to wind duration and drag coeff. of air-sea interface relation to apparent roughness 2—26465
sea, refraction in ocean currents 2—20280
sea reverberation, autocorrelation function and spectrum 2—28765
sea surface roughness mapping using microwave radiometry 2—16783
seawater, spectral analysis, low frequency waves and seiches 2—4654
shallow water waves, propagation over random ocean bottom of constant average depth 2—40904
solitary and cnoidal waves in fluids, generated by a moving pressure field 2—6183
spectral examination, oceans, in exposed and sheltered areas 2—13638
surface and internal waves generated by a periodic travelling disturbance 2—13655
tides in shallow water, nonlinear distortions 2—13646
transmission through gap in vertical barrier 2—25018
transparent media, optical excitation 2—21943
vortex wave stability for dense liquid 2—18784
water, capacitive probe for studying time dependence of individual Fourier components 2—28761
water, flowing stability 2—15555
water, generalized function method applic. 2—39308
water, mass transport in progressive waves, drift profiles obs. 2—28763
water, phase velocity of surface capillary gravity waves 2—12530
water, shallow, absorption of capillary-gravity waves 2—3348
water, wake development of thin airfoil and wave characteristics 2—15556
water drop-surface wave interaction obs. 2—1060
water waves generated by local surface disturbance 2—15554
water-air flows, struct. on liq. film rel. to entrainment 2—25019
wind disturbed water surface, curvature distrib. at different viewing angles 2—25020
wind wave spectra in deep and shallow parts of bay 2—10715
Hg, influence of spatially dependent electric fields on amplitude, damping and oscillation frequency 2—9062

Liquids
see also Association/liquids; Diffusion in liquids; Solutions
anomalous water, review 2—25031
anomalous water 2—6195
balsams, Canada, fir and cedar, absorption and velocity of h.f. ultrasonic waves 2—28842
binary, transport properties near critical point, review of exptl. situation 2—9042
binary mixtures, proton spin lattice relaxation, determ. of mixed translational contribs. 2—9169
boiling, heat transfer from multiple spines 2—3446
bubbly mixture, acoustic waves velocity as function of frequency, theory and experiment 2—32288
p-cetyloxybenzoic acid, p-methacrylyloxybenzoic acid and styrene mixtures copolymerization 2—20185
compressibility measurement, isothermal 2—12515
concentration gradient meas. by Rayleigh interferometer whilst mass transport is occurring 2—21149
condensed matter conference, Geneva, Switzerland, Sep. (1971) 2—12624
cryogenic, transient boiling in large volumes 2—35837
drops, photographic recording 2—23742
ferromagnetic, gravitational convection due to magnetic heating 2—941
fluidized beds, mechanism of heat transfer 2—28832
gassed, heat transfer coefficients at heating and cooling surfaces 2—39357
high pressure obs., photometer design, visible and i.r. spectral operation 2—38080
immiscible liqs., axisymmetric meniscus profiles 2—32203
immiscible of dissimilar densities, interface bubbles analysis in subdued boiling 2—12616
interface, liquid-liquid, ionic mass transfer, effect of vibration 2—3376
Kerr-active, self-focusing and dispersion effects, time-resolved picosecond spectroscopy 2—18836
layer in a modulated field of external forces, study of convective instability 2—39295
light absorption, threshold excitation of photo- absorptive convection 2—6230
light scattering, collision induced, isolated binary collision model 2—25082
local conc. of radicals, rotational and progressive diffusion of radicals, e.p.r. obs. 2—30018
low-loss, absorptivity measurement by measurement of change in refractive index caused by temp. change due to absorption 2—25083
magnetic binary mixtures, paramagnetic and diamagnetic evaporation in bubbles and separation 2—1062
meniscus elimination by container shape 2—35713
3- methylpentane + nitromethane binary mixture, decay rate of conc. fluctuations near critical mixing point 2—9110
micropolar, pivoted slider bearing characts., curvature rel. to press., load capacity, friction coeff. 2—9052
mixtures, temp. variation of u.s. velocity 2—35757
molecular, depolarized light scatt., existence of central diffuse line and broad background 2—21985
molecular, depolarized light scatt. 2—18832
nitromethane+alkene, binary system, liquid-liquid equilibria, miscibility gaps 2—1083

Liquids continued
- n.m.r. Fourier transform spectroscopy, high pressure, rel. to study of molec. motions and intermolec. interactions 2—9167
- n.m.r. high press. studies, probe 2—18854
- nuclear magnetic relaxation, theory of symmetry, Liouville operator properties 2—8570
- nuclear transverse cross relaxation, relevance to spin echo spectra 2—9168
- organic, fluidized by water, coalescence rates 2—1126
- organic, polar and nonpolar, far i.r. absorption spectra 2—1101
- photochromic, optical tagging for liquid velocity distrib. obs. 2—28754
- polar liquid nixtures, near critical pt., theory of frequecy dependent dielectric behaviour 2—9147
- polymer system, surface tension interfacial tension, polarity 2—18808
- polymers, surface tension and interfacial tension meas., Vonnegut's rot. drop procedure 2—18809
- Raman intensities, correlation between values for gas phase 2—1098
- Raman lineshapes, orientational broadening 2—12566
- Raman scattering, inverse, in two component mixtures 2—18822
- Raman spectra, analysis of orientational broadening of line shapes 2—8514
- Rayleigh scattering, collision induced effects 2—12561
- reorientational motions about different axes, Raman scattering study 2—9135
- rotational correlation times determ. from Raman bandshapes 2—25089
- saturated liquid volumes, corresponding states correlation 2—25069
- scattering, light, stimulated Mandelstam-Brillouin and temp. scatt. 2—1097
- simple classical, incoherent neutron scatt. for large momentum transfer 2—12537
- solubility of gases, calc. of Gibbs free energy of cavity formation 2—9102
- stability of gas bubbles in deformable materials containing dissolved gases 2—15560
- sub-cooled liquids with forced convection, boiling heat transfer 2—28958
- top heavy layers, criterion of instability 2—39292
- transparent Kerr effect origins 2—36812
- ultrasonic pulse propagation and reflection, schlieren apparatus 2—37765
- ultrasonic velocity and absorption, semi- automatic det. 2—17382
- u.s. vel., meas. using piezoelectric lead zirconate titanate ceramic interferometer 2—23385
- u.s. velocity, temp. coeff. determination 2—3385
- viscoelastic, linear and non-linear effects, teaching 2—25017

structure
- 1,2-dichloroethane, mol. motion from p.m.r. obs. 2—35794
- alcohols, acoustical study 2—12553
- alcohols, struct. absorpt. of u.s. waves 2—32259
- alkaline earth chlorides, aqueous solns., X-ray diffraction, electron radial distrib. functions 2—32225
- alloy, binary, critical behaviour 2—18790
- alloy, electronic struct. using complex energy approx. 2—9078
- alloy melt, atomic struct., rel. to thermodynamic props., diffusion and viscosity 2—25071
- aqueous solutions ultrasonic absorption, kinetic model of structural relaxation processes 2—39361
- atomic transport coeff., rel. to neutron scatt. function 2—3360
- benzene films, between differently polar fused silica surfaces, molec. long range orientation 2—21947
- close-packed structure, based on volume contraction during melting 2—35825
- cohesive energy density, calc. from surface tension 2—32224
- correlation times distrib. influence on nucl. spin relax. 2—35791
- dense fluid, high pressure n.m.r. and i.r. studies, intermol. forces and mol. motion 2—18789
- ethanol, structural absorption of u.s. waves, study based on structural relaxation theory 2—25075
- ethanol, ultrasonic investigation using modified two state model 2—25056
- formaldehyde, absorption, emission and n.m.r. studies of form as function of solvent and temp. 2—35771
- hard sphere fluid model, random packing behaviour, small angle X-ray scatt. 2—3411
- hindered molecular rotation 2—25034
- intermolecular forces analytic effective potential compared with computer calc. of many-body effects 2—35725
- Kerr constant, two beam method of obs. with fixed polarisers 2—1111
- light scattering structural investigations 2—32264
- liquid crystals, nematic ordering, Monte Carlo results for discrete dodecahedral lattice model 2—25047
- mean spherical model calcs. for liquid metals 2—39326
- mechanism of rearrangement from light scattering and molecular motion obs. 2—18824
- metal, cluster size determ. 2—35732
- metal, electronic struct. using complex energy approx. 2—9078
- metal, structure factor and atomic distrib., X-ray diffr. obs. 2—18792
- metal and alloy, diffusion model, threshold energy 2—9119
- metals, mean spherical model calcs. 2—39326
- methane, liq., multiple neutron scatt. effects, atomic motions 2—9080
- methanol, proton motions studied by cold neutron scattering 2—25035
- methanol 2—25075
- microstructure, fluctuations in radial distribution function 2—28783
- molecular configuration and model construction of instantaneous structure 2—6196
- molecular configuration of spherical non-polar dense gases and liquids 2—6194
- molecular motion, mag. relax. time freq. depend. 2—9173
- molecular motion, sub-mm. spectral obs. 2—15563
- molecular rot. motion axially symmetric mol. case 2—15562
- monatomic, density fluctuations 2—12551
- multipole interactions role in nucl. mag. relax. 2—32278
- neutron diffr., data scaling by Krogh Moe-Norman-Vainshtein method 2—35731
- neutron scattering study using Christiansen filter technique, amplitude meas. 2—19038
- pair correlation functions, role of attractive and repulsive forces, optimized R.P.A. 2—32221
- partial struct. factors separation using anomalous scatt. 2—12536
- perfluoroheptane iso-octane critical mixture, correl. lengths 2—3430
- picoline, α-, β- and γ-, effect of bonding on vibr. spectra 2—18842
- poly(γ-benzyl L-glutamate) in dichloromethane liquid cryst. solutions, molecular order 2—28796
- polyheavywater, chem. analysis 2—35737
- polywater, ESCA spectra and distillation at 360 and 800°C 2—35738

Liquids continued

structure continued
- pyridine, effect of bonding on vibr. spectra 2—18842
- semiconductors, chemical bond characteristics, fine arrangement zone. structure and Fermi surface det. 2—35784
- small angle X-ray scatt. 2—3363
- solutions, interaction of particles immersed in solvent 2—1082
- solutions, statistical distributions 2—1081
- surface props., mol. dynamics, stat. mech. calc. 2—6199
- surface props., stat. mech. calc. 2—6198
- toluene, self-diffusion coeffs. and rotational correlation times 2—21973
- transition metals, electronic props. 2—15564
- velocity autocorrel. function, freq. spectrum 2—21953
- water, anomalous, formed by condensation in quartz capillaries 2—1148
- water, bond lattice model, two-state thermodynamics and transport props. 2—21954
- water, existence of free OH groups 2—28786
- water, intermolecular motions, normal coordinate analysis 2—39331
- water, intramolecular vibrations of molecule 2—39330
- water, lattice model with directed bonding 2—39329
- water, molecular model 2—35723
- water, structural absorption of u.s. waves, study based on structural relaxation theory 2—25075
- water adsorbed on silica 2—25233
- water and aqueous solns. 2—35730
- water films, between entirely hydroxylated fused silica surfaces, molecular long range orientation 2—21948
- X-ray scattering. FORTRAN IV computer program 2—19041
- X-ray small angle scattering in radial distribution function calculation 2—3648
- xylnes, spin-lattice relax. of protons, mol. motion 2—9185
- Al-Mg alloy, partial structure factors 2—6200
- Al, density of electronic states 2—3361
- Al, specific resist., short range order, pseudopotential calc. 2—1116
- Ar, force and velocity correlations from first principles 2—35721
- Ar, impurity atom motion, extended 1-dimens. harmonic lattice model 2—35720
- Ar, struct. factor, neutron diffr. determ., 84.5K 2—39332
- Ar, structure factor, and even moments obtained 2—39327
- Ar, velocity autocorrel. function, freq. spectrum 2—21953
- Ar, velocity autocorrelation memory function 2—35722
- Au-Sn alloy, temp. and comp. depend., stirred H-cell study 2—28784
- Au, X-ray exam. 2—6201
- Bi, electronic structure from nonlocal energy dependent model potentials 2—39328
- COF$_2$, significant structure theory, degrees of freedom, thermodynamic properties 2—28785
- CaCO$_3$, optical phonon lifetimes 2—19360
- Ca(NO$_3$)$_2$, conc. aqueous soln., glass transition temp., viscosity and conductivity temp. depend. obs. 2—25055
- Co-Ni, alloy, from coeff. of vol. expansion and electric resistance 2—3374
- Cu, electronic struct. temp. depend., n.m.r. obs. 2—10545
- CuCl, molten, partial struct. factors 2—12538
- Fe-Ni, alloy, from coeff. of vol. expansion and electric resistance 2—3374
- Fe-Si alloys, X-ray exam. 2—6202
- Ga, supercooled, quasi-electric neutron scatt. and struct. factor 2—15566
- Ga at 20°C, comparison of X-ray and neutron diffraction data 2—15565
- GaCl$_3$-CsCl moleten mixture, Raman study of melt structure 2—28864
- H$_2$O, electron diffr. obs. 2—9079
- He electron surface states inside and outside liquid meas. of lifetimes 2—39406
- ^{4}He, structure factor from X-ray scattering data 2—12593
- Hg, electronic structure from nonlocal energy dependent model potentials 2—39328
- Hg, metastable near melting point, X-ray diffr. obs. 2—21959
- Hg, struct. factor, elec. resist., X-ray obs. 2—35727
- In, density of states, photoemission obs. 2—4122
- In, electronic structure from nonlocal energy dependent model potentials 2—39328
- K, oscillation spectra, variational calc. 2—9077
- Kr isotopic mixtures, derivation of intermolecular forces from vapour pressure data 2—35839
- Mg-Cd molten alloys, X-ray diffraction study 2—28789
- NH$_3$, mol. motions from neutron scatt..obs. 2—35726
- Na-K alloy, partial structure factors 2—6200
- Na-NH$_3$ solution, electron states, determ. from dielec. const. 2—12573
- Na, oscillation spectra, variational calc. 2—9077
- Na, static struct. factor 2—35728
- Na, velocity autocorrel. function and self-diffusion coeff. 2—32226
- Ne, structure factor, second derivative w.r.t. pressure, quadruplet correlation function 2—35729
- PF$_3$, significant structure theory, degrees of freedom, thermodynamic properties 2—28785
- Pb, specific resist., short range order, pseudopotential calc. 2—1116
- Sn-Cd alloy, Cd segregation during melting, neutron radiography obs. 2—15633
- Sn-Cu(Ag)(Au) alloys, conduction electron density rel. to Knight shift conp. depend. 2—9177
- Te, struct. evolution, temp. depend. neutron diffr. obs. 2—12539
- (80 at.%)Tl-In melt, X-ray obs. 2—21961
- Tl, X-ray obs., 290-450°C 2—21960
- Zn, specific resist., short range order, pseudopotential calc. 2—1116

theory

see also Dielectric phenomena; Equations of state/liquids
- atomic transport coeff., rel. to neutron scatt. function 2—3360
- binary liq. critical mixtures, conc. fluctuations decay rate, vertex correction contribution 2—12534
- binary mixture, excitation spectrum calc., decoupling of Green functions 2—2157
- binary mixtures, compressibility 2—28803
- Brownian movement, molecular theory 2—9073
- compressibility rel. to temp. for ideal liquids, empirical relationship 2—9112
- concentrated electrolytes, generalized Debye Huckel theory 2—28781
- dielectric relaxation, molecular shape influence Onsager model applics. 2—39377
- equation of state from coordination number in random assemblages 2—9075
- fundamental liquids, cryogenic behaviour, book 2—39323
- group III-V, II-VI binary systems, liq. soln. models 2—3358

- **Liquids** continued
  - **theory** continued
    - hard spheres, random close packing, computer based method 2—20878
    - Helmholtz free energy for system of particles acting through Lennard-Jones 12-6 potential 2—32222
    - Helmholtz free energy for system of particles acting through Lennard-Jones 12-6 potential 2—32222
    - n-hexane, electron mobility mechanism 2—35719
    - hole fraction, applic. to glassy state 2—3460
    - hydrodynamic interaction effects in rigid dumbbell suspensions, kinetic theory 2—35800
    - intermolecular forces analytic effective potential compared with computer calc. of many-body effects 2—35725
    - ionic solutions, primitive model, accuracy of theories 2—28799
    - Lennard Jones fluid, analytical expressions for thermodynamic functions 2—21950
    - Lennard-Jones 12-6 liquids, binary mixtures, excess thermodynamic props., Monte Carlo calcs. 2—32223
    - Lennard-Jones 12-6 liquids, binary mixtures, excess thermodynamic props., Monte Carlo calcs. 2—32223
    - liquid crystals, nematic ordering, Monte Carlo results for discrete dodecahedral lattice model 2—25047
    - liquid surfaces, curvature, rel. to thermodynamics of surfaces, new constant of matter 2—6185
    - mechanical props. of solids and fluids, book 2—39752
    - molecular, perturbation theory for angular pair correlation function 2—32170
    - molecular motion, mag. relax. time freq. depend. 2—9173
    - molecular motion, sub-mm. spectral obs. 2—15563
    - molecular rot. motion axially symmetric mol. case 2—15562
    - molecular theory, interpretive approach 2—28780
    - monatomic, density fluctuations 2—12551
    - monatomic liquids, calc. of radial atom distribution curves 2—6197
    - multicomponent liqs., diffusion coeffs., transition state theory 2—28821
    - multicomponent system, correlation functions near crit. pt., thermodynamic struct. 2—15628
    - multicomponent systems, transport properties, principle of equivalent states 2—28819
    - neopentane, electron mobility mechanism 2—35719
    - one-dimensional model, mean free path of electrons 2—25032
    - optimized random phase approx., calc. of thermodynamic props. and pair correlation functions 2—32221
    - Rao's relation, theoretical derivation 2—21949
    - Rao's rule discussion 2—15587
    - rigid dipole liquids, statistical approach to Onsager and Kirkwood dielectric theory 2—6239
    - simple liqs., binary systems, conformal soln. correlation 2—1070
    - simple liquids, equilibrium theory, simplicity at high density 2—21950
    - small angle X-ray scatt. 2—3363
    - solubility, scaled particle 2—21965
    - superfluid, vortices, quantum mech. form. 2—35808
    - surface, non-Ohmic electron transport 2—12574
    - surface props., mol. dynamics, stat. mech. calc. 2—6199
    - surface props., stat. mech. calc. 2—6198
    - surface tension calc. using Kirkwood Buff theory 2—9117
    - surrounded atom model for binary solutions 2—28816
    - thermodynamic properties of high density monatomic liquids, generalization of cellular model 2—39324
    - third virial coefficient for hard spheres with embedded dipoles 2—39325
    - transition metals, electronic props. 2—15564
    - two component system in 2D, hydrophobic interaction simulation 2—3366
    - velocity autocorrel. function, freq. spectrum 2—21953
    - Wada's relation, theoretical derivation 2—21949
    - water, general expression for temp. depend. of physical props., two-state theory 2—35724
    - water, ice cavity model for localized electrons and microscopic relaxation time 2—29078
    - water, lattice model with directed bonding 2—39329
    - water, mixture-model approach 2—24583
    - water, molecular model 2—35723
    - Al, density of electronic states 2—3361
    - Ar, density autocorrelation function, dynamic scattering function intermediate scattering function calcs. 2—39327
    - Ar, force and velocity correlations from first principles 2—35721
    - Ar, low densities, triplet correlation by Monte Carlo method 2—21952
    - Ar, low density, accuracy of superposition assumption 2—21951
    - Ar, superposition Assumption and the triplet correlation function for high density fluid 2—35718
    - Ar, velocity autocorrelation memory function 2—35722
    - ^{4}He, pair potentials, Monte Carlo ground-state energy calc. 2—12594
    - Na-NH$_3$ solution, electron states, determ. from dielec. const. 2—12573
    - Na, statistical error due to finite time averaging in computer expts. on number density and kinetic energy-density autocorrelation 2—32220
    - Na, velocity autocorrel. function and self-diffusion coeff. 2—32226
- **Lithium**
  - absorption spectra, band struct. 2—40672
  - adsorbed atoms, on Ta or W, effect on temp. depend. of thermionic emission 2—19798
  - alloying procedure for Ge detector fabrication 2—21329
  - alloying procedure for Ge detector fabrication 2—31370
  - arc plasma source, principal characteristics 2—12419
  - atom, 1/Z expansion convergence 2—18307
  - atom, ^{2}S excited states, calc. nonrelativistic energies 2—18314
  - atom, collisions with F atoms, computer-based films generated from accurate a priori computations 2—2976
  - atom, core valence electron configuration in adiabatic approximation 2—8463
  - atom, electron elastic scattering, polarized Born approx. 2—18333
  - atom, electron impact excitation, Glauber theory approx. 2—18336
  - atom, electron impact excitation cross sections calc. using regional trial function in variational principle for R matrix 2—24364
  - atom, electron impact ionization, abs. cross section meas. in 100eV to 2keV energy range 2—5798
  - atom, multiconfiguration wavefunctions, application of generalized Brillouin theorem 2—8424
  - atom, perturbed by He, violet satellite bands in spectra 2—38813
  - atom, positron annihilation with valence electron 2—5817
  - atom, positron collisions, polarized orbital calcs. 2—2955
  - atom, projected Hartree Fock method using general spin orbitals 2—24315
  - atom, radial model, lower and upper bounds to energies 2—21511
- **Lithium** continued
  - atom, scattering of Cs, total cross section rel. to singlet potential determination of LiCs molecule 2—21621
  - atom, stopping power in Ni film, transmission method of obs. 2—16077
  - atom ground state, double perturbation theory calc. of total and hyperfine interaction energies 2—11957
  - atomic ion sequence, dynamic polarizability and excited state wavefunctions 2—35123
  - atoms, collisions with Xe and Kr, differential cross sections and intermolecular potentials 2—892
  - atoms, electron scattering, inelastic differential cross section, meas. at zero scatt. angle 2—627
  - atoms, low energy elastic electron scatt. 2—2956
  - atoms, spectra Li I^{a}, I^{b}, II^{a}, new spectral lines obs. between 200 and 600 nm, possible classifications 2—28195
  - binding energy, pseudopotential approach, b.c.c. and h.c.p. 2—6391
  - binding energy and lattice constants, pseudopotential calc. 2—40139
  - chemical analysis is solids using ^{6}Li(n,α)^{3}H reaction 2—33393
  - compressibility, pseudopotential approach, b.c.c. and h.c.p. 2—6391
  - Compton profile and momentum distrib. of interacting cond. electrons 2—19513
  - Compton profile of polycrystals 2—13497
  - Compton profiles, core contribs. 2—4114
  - conduction electron spin-lattice relaxation mechanism 2—26081
  - conduction e.s.r. in plates 2—26270
  - cosmic ray nuclei, interstellar propagation, differential kinetic energy/nucleon spectra 2—4764
  - crystal, positron annihilation, Fermi surface radii, lattice potential 2—19511
  - crystal potential, electron spectra calc. 2—9919
  - detection in various matrices using nuclear track technique 2—7200
  - diffusion, of Na, substitutional impurity, electro- and thermotransport 2—15787
  - diffusion into germanium, temperature range 250-420°C, precipitation at 60°C 2—3815
  - diffusion of ^{22}Na, under temp. gradients and elec. fields 2—19145
  - electrical resistivity, high temp., electron-phonon interaction 2—1455
  - e.p.r., of fine particles, size effect 2—20145
  - Fermi surface, positron annihilation obs. 2—19514
  - glide dislocation, elastic energy 2—1253
  - ionization constants for NO-acetylene flames 2—22897
  - ions, in Li isoelectronic sequence, spectra 2—2995
  - isoelectronic sequence, solar XUV lines of ions, relative intensities interpretation 2—37379
  - isotope exchange reactions, electrochemical investigations in diglyme and propylene carbonate, equilib. consts. 2—22855
  - lattice dynamics, screening, phonon dispersion curves, Gruneisen parameters, thermal expansion 2—40046
  - liquid, interionic potential calc. 2—21955
  - lunar abundance in fines from Apollo and Luna missions 2—7508
  - martensitic transform., nonlocal pseudopot. 2—15968
  - metal, lattice relaxation, effect on soft X-ray spectra near Fermi edge 2—20083
  - neutron detection using resonant scattering from ^{7}Li to identify levels following neutron producing reactions 2—27890
  - nuclear spin-lattice relax. times, many-electron enhancement effects 2—16660
  - plasma, drift waves in strongly sheared magnetic field 2—18668
  - plasma, ionization and recombination rates calcs. 2—6105
  - polarized atomic beam, photoionization, production of polarized electrons 2—11978
  - precipitates in Ge crystals, study using anomalous X-ray transmission 2—19093
  - precipitation in Ge, anomalous X-ray transmission obs. 2—15778
  - precipitation in Ge, kinetics, correl. with dislocation character 2—3798
  - precipitation in Ge 2—9813
  - precipitation in Si(Li), and Li-B ion pair formation 2—1255
  - in rare gas matrices, absorpt. and luminesc. 2—24387
  - recharging target for recharging protons to give H^{-} beams 2—7900
  - secondary emission of mol. Li$_n^{+}$ ions 2—33100
  - shock melting and vaporization 2—39420
  - solar cells, damage and recovery characteristics after electron irradiation 2—21013
  - solar flare, identification in extreme u.v. 2—26915
  - solid, cohesive energies and radii of metal cells calc. by ab initio method 2—1198
  - stellar abundance, solar type stars 2—10856
  - stellar abundances in open clusters 2—10900
  - stellar content depletion rel. to age 2—16986
  - sunspot model, influence on deduced abundance 2—30629
  - superconducting transiion temperature, pressure depend., pseudopot. approach 2—36454
  - twilight airglow observations, vertical abundance characteristics 2—30321
  - vapour, autoionizing spectra, vac. u.v. obs. 2—18308
  - v.u.v. energy distribution measurements for discharge 2—32123
  - work function and surface structure, calc. 2—39455
  - X-ray energy loss spectrum in intermediate momentum transfer region 2—16597
  - X-ray K-emission spectra, band struct., b.c.c. and h.c.p. phase obs. 2—10415
  - X-ray plasmon scatt., dispersion relation 2—16596
  - atoms, collisions with I atoms, chemi-ionization cross section 2—684
  - B-Li pairs in Si-Ge alloys, localized vibr. modes 2—13482
  - BeO:Li, phosphor, thermolum. props. 2—29970
  - Fa(Li) colour centre, in KCl, impurity displacement, absorp. band posn., isotropic hyperfine interaction 2—9599
  - Ge:Sb, Li, irrad., impurity-vacancy complexes 2—12756
  - Ge, precipitation and driftability, gamma-ray spectrometer production 2—11674
  - KCl:Li, nonlinear susceptibility of tunnelling ions 2—29738
  - KCl:Li^{+}, dipole-lattice relaxation time, paraelec. resonance obs. 2—36588
  - KCl:Li^{+}, n.m.r., quadrupole line splitting in elec. field 2—37009
  - Lα measurement during solar eclipse on 12th November 1971 2—11053
  - Li^{+}-H$_2$, backward scatt., exp. inelastic differential cross sections for defined vibrational quantum transitions 2—880
  - Li^{+}-H$_2$ collisions, thermal energy, close coupling calc. 2—878
  - Li^{+}-Hd, interaction potential, rot. excitation cross sections region 2—3148
  - Li^{+}-He colliding system, differential scattering meas. at 0.6-2.0 keV to determine if inelastic excitation occurs 2—734

Lithium continued
Li^+-He colliding system $\pi' \Delta$ dissociation products calc. of diff. cross sections for elastic and inelastic scattering 2—735
Li^+-He collisions, 10-75keV, spectral scan from 200-600 nm, obs. of doubly excited Li I levels 2—5801
Li^+-He collisions, $600 \leqslant E \leqslant 2800$ eV, structure of cross section for charge exchange, oscillation with changing ion energy 2—737
Li^+-Li charge transfer collisions, oscillatory structure in cross sections 2—31705
Li^+-Li^+ interactions, dispersion forces, effect of intra-atomic electron correlation, calc. using double perturbation theory and one-centre method 2—8499
Li-Na binary metallic liquid, obs. of paraconductivity above critical point 2—12576
Li multiconfiguration method calc. of low-lying autoionization states 2—11959
Li^- free-free transitions, calc. of absorption coefficient from elastic electron scattering data 2—28170
Li^+, collisions with H_2, classical study of rotational excitation of H_2 2—8859
Li^+, collisions with H_2, H_2 dissociation 2—882
Li^+, electric polarizability, lower-bound procedure 2—31726
Li^+, electron impact ionization, total cross section meas. 2—5861
Li^+, hyperpolarisability, coupled Hartree-Fock calculation 2—35182
Li^+, interactions with He, dispersion forces, effect of intra-atomic electron correlation, calc. using double perturbation theory and one-centre method 2—8499
Li^+ in KBr, lattice reson. in far i.r., h.p. obs. 2—6650
Li^+ in KCl, paraelec. reson. 2—10115
Li^+ induced dissociation of H_2, expt. evidence for spectator mechanism 2—18422
Li^+ transitions, calc. of electric quadrupole multiplet strengths, study length and velocity matrix elements 2—21549
Li_2, electronic structure, ab initio LCAO MO calc. with efficient basis sets 2—21577
Li_2, ionization potential 2—6104
Li_2, mole., bond formation study as function of internuclear distance 2—798
Li_2, potential curve of lowest triplet state calc. by multiconfigurational approach 2—35261
Li_2^+ dissociation energy 2—6104
$LiIO_3$, second harmonic generation of polymethene dye laser, bright u.v. emission 2—27498
$LiNbO_3$, coated with Al film nondestructive testing technique 2—9724
$^6Li/^7Li$ ratio in F and G field stars 2—4816
$^6Li/^7Li$ ratio in late type field stars 2—20522
^6Li and ^7Li, Paschen-Back effect of the doublet lines in sunspots 2—11104
$^{6,7}Li^+$-He, single collision conditions, fine structure and hyperfine structure effects studied 2—5844
$Li+Br_2 \rightarrow Li^+ + Br + Br^-$, differential cross section for chemi- ionization in inelastic collisions 2—28223
$Li^+ + He \rightarrow He^+ + Li$, oscillation of cross section of recharging 2—24833
$Li + Na^+ \rightleftharpoons Na + Li^+$, cross sections for nonresonant charge capture in energy range 100 eV to 12 keV 2—24388
$Li + O_2 \rightarrow LiO_2$, cocondensation reactive collision, matrix laser Raman spectra of LiO_2 2—38921
Na-Li liquid system, critical opalescence, small angle X-ray scatt. obs. 2—3428
NaCl:Li, impurity induced Raman spectra 2—26194
NiO:Li, Hall effect anomaly calc. 2—22518
Si:Li, precipitation, X-ray topography obs. 2—19115
Si:Li, radiation-induced extrinsic photocond. and radiation damage 2—25958
Si:Li,B, ion pairing and ground state degeneracy, resistivity and Hall effect obs. 2—36053
in Si, driftability and precipitation 2—27880
ZnSe:Tm, Li, luminesc., absorpt., and Zeeman effect 2—40721

Lithium compounds
borate glass, trapped electron centre, X-irradiation induced, e.s.r. and optical obs. 2—20137
dilute alloys, g-shift from conduction e.s.r. obs. 2—26281
β-eucryptite, single-crystal diffractometer meas., dispersion analysis 2—1222
ferrite, ferromag. relax. of Co^{2+}, spin wave decay, disordering effects 2—36971
ferrites, microwave, fabrication and properties 2—23432
formate monohydrate, cryst. struct. and ferroelec. props. 2—3747
halide, ionic transport parameters 2—33051
halide films, i.r. spectra and dimerization of adsorbed NO 2—15677
halides, elastic consts., temp. depend. 2—29231
lithium formate monohydrate, p-p vector length and orientation, proton mag. reson. 2—40785
surfactants, stratification of stabilized free liquid films 2—6192
thallium tartrate. ferroelec. props. 2—29756
thallium tartrate monohydrate, elec. control of elastic compliance 2—40360
Ag_3AsS_3, laser damage using mode locked Nd:YAG laser 2—29864
Ag_3AsS_3, proustite, laser damage using mode locked Nd:YAG laser 2—29864
Al-Li liquid alloys, partial free energies, 957 and 987K 2—28836
Al-Mg-Li system, age hardening, precipitation 2—12954
Ge-Li system, free energy of mixing 2—1370
Li-Al, alloy, binary ordering, electrostatic and total energy calcs. 2—15713
Li-Mg, alloy, binary ordering, electrostatic and total energy calcs. 2—15713
Li-Mn mixed ferrite, valency induction effects on mag. props. 2—19905
Li-Na-Si glass, partially crystallized, spontaneous deformation phenomena 2—12629
Li-Se, phase equilibrium, miscibility gap and Li_2Se intermediate phase 2—13011
Li-Sn liquid alloys, thermodynamic props., 973 and 1123K 2—28839
Li^+-indenyl ion pairs, struct., n.m.r. obs. 2—18512
$LiAlF_4$, i.r. spectra of matrix isolated vapours 2—797
$LiAl_5O_8$:Fe^{3+}, fluoresc. and excitation spectra, ordered and disordered phases 2—36945
$LiAl_5O_8$:Fe^{3+}, phosphorescence and zero- phonon transitions 2—10447
$LiAl_5O_8$, Mossbauer spectra of $^{57}Fe^{3+}$, mag. field effects 2—40630
$LiAlSiO_4$-$LiGaSiO_4$-$LiAlGeO_4$-$LiGaGeO_4$ system, phase struct. 2—12728
$LiAlSiO_4$, β-eucryptite, cryst. growth, optical props. 2—9365

Lithium compounds continued
$LiBH_4$ and $LiBD_4$, polycrystalline, i.r. and Raman vibrational spectra, 80K 2—10389
$Li_2B_4O_7$, thermolum., activation by Ag, Fe, Co, Mo 2—27900
$Li_2B_4O_7$ glass, thermoluminesc. processes, trapping centres, e.s.r. obs 2—29976
$Li_2B_4O_7$ thermoluminescent, supralinearity, sensitization props. 2—29980
LiBr/LiCl(KBr)(KCl) molten mixtures, u.s. velocity and compressibility 2—25076
LiBr/RbBr fused mixture, u.s. velocity and compressibility 2—25077
LiBr, Gruneisen parameter calc. 2—36319
Li_2CdGeO_4, crystalliz. in LiO_2-CdO-GeO_2-H_2O system, structure detn. 2—35943
LiCl/KBr(LiBr) molten mixtures, u.s. velocity and compressibility 2—25076
LiCl/XCl fused mixture (X=K,Rb,Cs), u.s. velocity and compressibility 2—25077
LiCl-KCl, eutectic melt, viscosity, 400-500°C 2—28811
LiCl, band structure, calc. using pseudopotential approach 2—29598
LiCl, Cl^- $L_{2,3}$ absorpt. spectra regularities 2—20032
LiCl, F-centre hyperfine interactions, ENDOR study 2—22232
LiCl, Gruneisen parameter calc. 2—36319
LiCl, $L_{2,3}$ absorpt. edge of Cl^- 2—33293
LiCl, lattice dynamics 2—9860
LiCl, Mossbauer spectra of ^{129}Te, local environment of impurity 2—10319
LiCl, X-ray Compton profile, electron momentum distrib. 2—13496
LiCl aqueous and org. solns., u.s. meas. 2—28852
LiCl aqueous soln., Rayleigh and Brillouin scatt. suggesting low temp. immiscibility 2—15589
LiCl aqueous solns., Brillouin scattering of laser light 2—3392
LiCl solutions in water in porous materials. NMR relaxation of Li ions 2—1739
$LiCr_{1-x}Fe_xO_2$, antiferromagnet ordering and exchange, magnetization and susceptibility meas. 2—19924
$LiCrO_2$, electronic struct., absorpt. spectrum obs. 2—19512
$LiCrS_2$, cryst. struct., mag. struct., spin ordering at 4.2K 2—3713
LiCs, singlet potential determination from LiCs system total scatt. cross section 2—21621
$LiCu_2P_2$ and $Li_{1.75}Cu_{1.25}P_2$, cryst. struct. 2—19054
LiD plasma, laser focussing in conduction heating, spherical electron thermal wave 2—18592
LiF:Mn^{2+}, e.p.r. at 35 GHz 2—36989
LiF solid, meas. of thermal shift of electron binding energy traceable to Madelung energy 2—35931
$Li_{0.5}Fe_{2.5-x}Al_x(Ga_x)O_4$, elec. field gradient, Mossbauer obs. 2—10328
$Li_{0.5}Fe_{2.5-x}Al_xO_4$, n.m.r., mag. struct. 2—10556
$Li_3Fe(CN)_6.nH_2O$, Mossbauer study of hydration phenomena 2—33215
$LiFe_5O_8$, ordered, n.m.r. of ^{57}Fe, hyperfine fields 2—37010
$LiFe_5O_8$, precipitation from α-$LiFeO_2$, applic. of electron microscope to high temp. mats. exam. 2—9435
$Li_{0.5}Fe_{2.5}O_4$, ferrite, Hall coeff., elec. cond., magnetization, transverse magnetoresist., 300-550 K 2—19649
$Li_{0.5}Fe_{2.5}O_4$, n.m.r. of ^{57}Fe, dipole and anisotropic hyperfine fields effects 2—26304
$Li_{0.5}Fe_{2.5-x}Sc_xO_4$, lattice consts. and saturation magnetization 2—36751
$Li(Fe_{0.5}Ta_{0.5})O_2F$, ferroelec. antiferromag., magnetoelectric effect 2—4413
LiH:Bi, luminesc., stability 2—7095
LiH:Ge(Pb)(Sn), luminescence spectra, 4.2 K 2—20104
LiH, ab initio G1 effective potentials for calc. of excited states 2—28306
LiH, elec. and photo-cond. 2—6905
LiH, electron momentum distribution, Compton scattering study 2—3564
LiH, electronic structure, ab initio LCAO MO calc. with efficient basis sets 2—21577
LiH, In, Tl, Sn, Sb, Bi activated, photoluminescence temperature extinction 2—33329
LiH, lattice dynamics 2—9860
LiH, MC-SCF study of $X^1\Sigma^+$, $A_1\Sigma^+$, $^3\Sigma^+$ and $^{1,3}\Pi$ states, potential curves, spectra, transition probabilities 2—15314
LiH, molecule, transcorrelated method for accurate correlation energies using gaussian-type functions 2—35105
LiH, orbital description of excited states 2—28307
LiH, refl. and luminesc. spectra 2—7094
LiH, spin spin coupling const., ab initio calc. 2—8502
LiH, X-ray mol. scattering factors calc. 2—8865
$LiH_3(SeO_3)_2$, dipolar spin-lattice relax. study of l.f. motion 2—10259
$LiH_3(SeO_3)_2$ crystal, hydrogen bonding 2—25335
LiI, determ. of electron density of an ionized plasma 2—12367
LiI, elastic constants and temp. derivatives at 295K, u.s. pulse echo obs. 2—19158
LiI, Gruneisen parameter calc. 2—36319
$LiIO_3$, beat generation, far i.r. 2—26102
$LiIO_3$, dielec. behaviour, barrier layer effects 2—25936
$LiIO_3$, dispersion of optical activity 2—33205
$LiIO_3$, hexagonal, crystal growth 2—35938
$LiIO_3$, laser damage using mode locked Nd:YAG laser 2—29864
$LiIO_3$, nonlinear susceptibility to harmonic generation rel. to microstructure 2—1653
α-$LiIO_3$, optical inhomogeneity, rel. to growth conditions 2—22724
$LiIO_3$, polaritons and oblique phonons, Raman scatt. and i.r. refl. 2—4447
$LiIO_3$ relative nonlinear coefficients, cw ruby laser as pump source 2—36814
Li_2MF_6, M=Ge, Ti, Sn, Zr, high pressure structural evolution 2—25632
Li_2MoO_4-$Na_2(K_2)MoO_4$ molten systems, surface tension, comp. depend. 2—28818
$Li_{0.6}Mo_6O_{17}$, $Li_2Mo_4O_{13}$, $Li_4Mo_5O_{17}$, single cryst. struct. determ. 2—9480
$Li(NH_3)_4$, Hall effect, thermopower and magnetoresistance temp. depend. 2—19547
$LiN_2H_5BeF_4$, dielec. characts. 2—6884
$LiN_2H_5SO_4$, dielec. props. 2—4276
$LiN_2H_5SO_4$, n.m.r., dipolar relaxation of ^7Li, hindered rotation 2—7006
$LiNO_3$-$AgNO_3$, molten mixture, liquidus curve, thermodynamic props. 2—25138
$LiNO_3$-$AgNO_3$ melts, thermodynamic properties from e.m.f. meas. 2—21980
$LiNO_3$-$AgNO_3$ molten salt mixtures, ion migration 2—28892
$LiNO_3$-KNO_3, molten mixture, liquidus curve, thermodynamic props. 2—25138
$LiNO_3$-$NaNO_3$, molten mixture, liquidus curve, thermodynamic props. 2—25138
$LiNO_3$, molten, diffusion coeff. of F^- and Br^- 2—21976

Lithium compounds continued
  LiNa, molecular beam resonance study 2—38920
  $LiNbO_3{:}Cu^{2+}$, e.s.r. spectra at room temp., 77 K and 4.2 K 2—36990
  $LiNbO_3{:}Fe^{3+}$, e.p.r. investigation of crystal field parameters 2—30010
  $LiNbO_3{:}Gd^{3+}$, ferroelectric, e.p.r. of Gd^{3+} 2—10485
  $LiNbO_3$-Si, layered struct., transverse acoustoelec. effect 2—13036
  $LiNbO_3$, acoustic correl. and convolution using nonlinear surface wave interactions 2—29548
  $LiNbO_3$, apodized interdigital transducer acoustic surface waves, wavefront distortion 2—9878
  $LiNbO_3$, directional dispersion of phonon frequencies and polariton scatt. 2—16553
  $LiNbO_3$, e.p.r. of Fe^{3+} and Mn^{2+}, axial site obs. 2—30011
  $LiNbO_3$, eigenfrequency, eigenvector and Raman scatt. cross section of polaritons 2—16554
  $LiNbO_3$, elastic and leaky surface wave amplification 2—29527
  $LiNbO_3$, electrooptical effect, longitudinal in oblique sections 2—1664
  $LiNbO_3$, far i.r. radiation generation by picosecond light pulses 2—7903
  $LiNbO_3$, Fe group doped, Coulomb interaction, internal field, absorpt. spectra 2—26094
  $LiNbO_3$, ferroelec., elec. conductivity 2—1518
  $LiNbO_3$, holographic storage, coupled wave analysis 2—23658
  $LiNbO_3$, iron doped, holographic storage applic. 2—21131
  $LiNbO_3$, laser damage using mode locked Nd:YAG laser 2—29864
  $LiNbO_3$, light modulator, optical damage free growth and construction of modulator 2—34428
  $LiNbO_3$, luminesc., ruby laser beam induced rel. to optical index damage 2—26238
  $LiNbO_3$, mixing of noncollinear elastic surface waves 2—9869
  $LiNbO_3$, nonlinear crystal, influence of transverse inhomogeneity of refractive index on second harmonic generation 2—27562
  $LiNbO_3$, nonstoichiometric, disorder and Curie temp. 2—19083
  $LiNbO_3$, optical damage effects, apparatus for obs. 2—27602
  $LiNbO_3$, optical parametric oscillation and second harmonic generation, simultaneous occurrence 2—10293
  $LiNbO_3$, permittivity and cond., temp. and freq. depend. 2—1571
  $LiNbO_3$, piezo-e.m. interaction between u.s. and nucl. spin systems 2—32825
  $LiNbO_3$, piezoelec. leaky surface wave 2—29526
  $LiNbO_3$, piezoelec. leaky surface wave, and Rayleigh wave, propagation and amplification 2—22412
  $LiNbO_3$, polariton dispersion, temp. depend., soft modes 2—16552
  $LiNbO_3$, polariton eigenfrequencies and eigenvectors, calc. in long optical phonon limit 2—22475
  $LiNbO_3$, quantum acoustics of ns. hypersound pulses 2—32822
  $LiNbO_3$, rel. to acoustic surface wave convolution 2—19414
  $LiNbO_3$, self-focussing of ultrashort pulses and filamentary damage 2—13429
  $LiNbO_3$, solid state hologram 2—17663
  $LiNbO_3$, surface acoustic wave nonlinearity enhancement due to charge carrier coupling 2—40051
  $LiNbO_3$, thermally fixed holograms 2—38008
  $LiNbO_3$, tunable stimulated scattering, power and linewidth obs. 2—17626
  $LiNbO_3$, use as nonlinear optical material 2—34367
  $LiNbO_3$, visualization of acoustic radiation 2—19409
  $LiNbO_3$, Y-cut, piezoelectric Z propagating surface wave, parameters determined by numerical analysis 2—5216
  $LiNbO_3$ absorption spectra 2—33253
  $LiNbO_3$ crystals, second harmonic generation, phase matching angles and temps. 2—38037
  $LiNbO_3$ for storage of phase holograms 2—21121
  $LiNbO_3$ light diffraction efficiency of acoustic surface waves on quartz 2—5423
  $LiNbO_3$ Raman lasers and parametric amplifiers, review 2—5345
  $LiNbO_3$ to Li_3NbO_4, nonstoichiometric crystals, ^{93}Nb linewidths 2—40777
  Li_2O-Al_2O_3-SiO_2 glass, metastable phase separation and crystn. 2—25161
  Li_2O-BaO-Al_2O_3-SiO_2 system, phase equilib., permittivity, dielec. losses, specific vol. resist. 2—16266
  Li_2O-Cs_2O-SiO_3 glass, refr. index, density and thermal expansion 2—28975
  Li_2O-$Na_{0.88}Li_{0.12}NbO_3$ ceramic, cryst. symm., lattice parameters, 293-783K, X-ray and thermal expansion obs. 2—32470
  Li_2O-Na_2O-Fe_2O_3 system, intensification of ferrite formation 2—36303
  Li_2O-SiO_2-P_2O_5 glass, crystallization, electron microscopy 2—6291
  Li_2O-SiO_2 glass-ceramic, mech. props. rel. to crystallization 2—36140
  LiO dissociation energy and ground state calc. from ion model 2—28266
  LiO_2, from Li+O_2 cocondensation reaction, matrix laser Raman spectra 2—38921
  LiO_2 molecules in oxygen matrices, assignment of vibrational modes in i.r. and Raman spectra 2—28308
  Li_2O, electronic structure, separated pair calculation 2—35262
  LiOH(D), molecular beam electric resonance spectra 2—8663
  $Li_2O.P_2O_5.SiO_2$ glass, lithium disilicate crystn., electron microscope obs. 2—39440
  $Li_2O.3SiO_2$ glasses, Frenkel pairs form. 2—1249
  Li_2SO_4, dielec. const., microwave region using heterogeneous mixture method 2—36581
  $Li_2SO_4.H_2O$, irrad., SO_4 radical obs. using e.p.r. 2—26375
  $Li_2SO_4.H_2O$, irrad., SO_4 radical obs. using e.p.r. 2—26375
  Li_4SiO_4-Li_4GeO_4 solid solution, struct. 2—9475
  $LiTaO_3{:}Cu^{2+}$, optical rectification by impurities 2—33210
  $LiTaO_3$, quantum acoustics of ns. hypersound pulses 2—32822
  $LiTaO_3$ multichannel crystal, one dimensional phased array antenna, optical beam steering 2—27365
  $LiTaO_3$ polariton dispersion, temperature tunability, Raman scattering experiments 2—1698
  $LiTmF_4{:}Nd^{3+}$, fluorescence and absorption spectra, possible use as laser material 2—36944
  $Li_xV_{2-y}Mo_y(W_y)O_5$ bronzes, cryst. struct. 2—9474
  $LiVO_2$, ^7Li and ^{51}V n.m.r. obs. above and below transition temp. 2—7143
  $LiVO_3$, ^{51}V n.m.r., Mn^{2+} e.p.r., comparison 2—10565
  $LiVS_2$, cryst. struct., mag. struct. 2—3713
  $Li_2W_2O_7$, cryst. struct., X-ray and DTA obs. 2—1227
  LiX, X=Cl, Br, I, F, elastic constants, pressure derivatives, u.s. parameters in the Born model 2—19159
  $LiXO_4$, X=P, V, As, and $Li_2M^{2+}X_1^{4+}O_4$, M=Zn, Mg, X_1=Ge, Si, cryst. chemistry 2—18966
  $Li(Y_{1-x}Eu_x)O_2$, phosphor, colour shift mechanism 2—1716
  $LiYF_4{:}Er^{3+}$, mag. props. and sp. ht., calc. from cryst. field parameters 2—40421

Lithium compounds continued
  $LiYF_4{:}Nd^{3+}$, ground term energy states, absorp. spectra obs. 2—20043
  Li_2ZrF_6, phase transformation mechanism, cation displacements 2—3999
  ^7Li, $^{79,81}Br$, hyperfine structure investigated by molecular beam electric resonance 2—8662
  $^7Li^{16}O$, $X^2\Pi$ state, fine structure parameters 2—15313
  ^7LiCN and ^6LiCN, matrix isolated, i.r. spectra, vibrational modes band assignment 2—12160
  Mg-Li-Zn 9-layer Laves phase, composition and lattice constants determ. by single crystal and power X-ray diffraction 2—39645
  (Tl,Na,Li)NO_3 system, solid-liquid equilibria, polythermal projections 2—22035

lithium fluoride
  acoustic emission, correl. with dislocation motion 2—4044
  activator doped, thermolum. glow curve struct., sensitivity 2—29983
  band struct., CNDO method applic. 2—19494
  band struct., LCAO method, self-consistent energy bands 2—13080
  channelling, MeV protons and He^+ ions 2—3754
  coloration, room temp. α- and deuteron irradiation, optical absorpt. spectra, F-centres 2—25454
  colour centre formation, rel. to density decrease in X-irrad. cryst. 2—19127
  creep, high temp. mechanism 2—32618
  deformation defects, annealing effects, u.s. acoustic wave attenuation obs., 78-350K 2—12859
  deformed, dislocation loop density and length meas. 2—36033
  distortion of ions, study by nonorthogonal least distorted localized molecular orbitals in restricted H-F approx. 2—21610
  dose re-estimation, thermoluminesc. obs. 2—27895
  dosimetry phosphor, radiation-induced increase of thermoluminesc. sensitivity 2—13516
  elastic constants, third order, theoretical and exptl. determination 2—3835
  elastic precursor decay, impurity clustering effects 2—39771
  elastic precursor decay, point defect effects 2—39770
  electromigration of isotopic ions 2—9621
  electron density distribution, Lowdin approx. 2—32865
  electron emission under atom and ion bombardment, gamma ratio and energy distribution 2—36648
  electron induced luminescence, meas. 2—33325
  electron traps, deep, props., annealing and irrad. effects, thermoluminesc. obs. 2—29981
  electrostriction 2—32397
  F_2^+ centre, α-particle and deuteron irrad., optical absorp. and emission obs. 2—29201
  F_2^+-centre dynamics, one phonon sideband and Raman scatt. 2—22772
  film thickness monitoring on Al by reflectance measurements 2—1172
  Frenkel defects from γ-irrad., small angle X-ray scatt. obs. 2—3770
  gamma-irradiated crystal, defect clusters, X-ray small angle scatt. 2—3761
  Gruneisen parameters, calc. 2—36319
  internal stresses in crysts. deformed by ultrasound, elec. field effect 2—6537
  i.r. reflectance, reliability of classical dispersion analysis 2—20003
  irradiated, hardening, thermal deformation, role of entropy 2—3869
  laser irradiated, thermally stimulated electron emission image obs. rel. to damage threshold 2—19797
  lattice dynamics 2—9860
  mechanical vibrs., elec. field pulse influence 2—10128
  moment anal. of mag. circular dichroism assoc. with allowed electronic transitions of impurity F-centres 2—10306
  neutron irrad., defects struct., effect of annealing 2—32487
  neutron irrad. defects, e.p.r. obs., 77 K 2—13540
  neutron irradiated, macropore formation 2—19075
  n.m.r., ^{19}Fe and ^7Li spin-spin reservoir 2—7142
  phosphor, prep. method, thermolum. prop. changes during prep. 2—27901
  photoemission, quantum yield in vac. u.v. 2—29787
  physisorption of ethanol, ordered array establishment, He atom diffraction study 2—22080
  piezobirefringence coeff., energy band deform. pot. 2—26167
  piezobirefringence in vac. u.v. 2—16470
  pore coalescence in cryst. with vacancy sinks 2—1248
  proton and fluorine spin lattice relax. time meas., CW-methods 2—7151
  proton irradiated, defect formation, channelling effects 2—19130
  radiothermoluminescent, sensitivity, linearity, trap elimination, dosimeters 2—27903
  reflection, diffr., selective adsorpt. of at. H 2—39461
  rigidity, dislocation rosettes 2—6562
  second sound vel. 2—13033
  shock wave compression, X-ray diffr. obs. 2—3715
  spectral emission capacity in 9-12 μm region 2—40724
  Sternheimer antishielding factor of ^7Li, n.a.r. obs. 2—40775
  surface dislocation struct. formed by scratching with needle 2—32522
  surface roughening, of Al, reflectance obs. in surface plasmon excitation region 2—16464
  thermal cond., dislocations influence 2—19461
  thermal cond. and Ziman limit 2—25696
  thermal expansion and freq. spectrum temp. depend. 2—9895
  thermal phonon scatt. by mobile dislocations in deformed cryst. 2—13026
  thermal phonon-dislocation interaction 2—32856
  thermodynamic functions, phonon freq. moments, and Blackman rule of sums 2—40067
  thermoluminescence, exposure response, deep traps effects, trap models, 300-823K 2—29979
  thermoluminescence, glow curve shapes interpretation, 100-500K 2—29975
  thermoluminescence emission spectra, continuous determ. 2—29982
  thermoluminescent, prep. for dosimetry, annealing cycle elimination 2—27896
  thermoluminescent, props., applications 2—29984
  thermoluminescent, supralinearity, sensitization props. 2—29980
  thermoluminescent dosimeter, delta-ray theory of track structure, energetic heavy ion detection 2—34823
  thermoluminescent dosimetry, fading, trap model 2—29972
  thermoluminescent efficiency, rad. and thermal treatment effects 2—27894
  thermoluminescent glow curve as function of annealing temp. 2—29969
  thermoluminescent phosphor, supralinearity and sensitization 2—4513
  with MgF_2 and LiF overcoating, effect of deposition rate, substrate temp. and aging on v.u.v. reflectance 2—34434
  X-ray intensities, thermal diffuse scatt. influence 2—12704
  X-ray irrad., induced lattice const. changes in impure cryst. 2—9525
  X-ray line profiles, intensity corrections 2—9385

- **Lithium compounds** continued
  - **lithium fluoride** continued
    - X-ray scattering factors, calc. 2—32435
    - Cu film, diffusion processes occurring during blast compression time 2—29203
    - LiD, plasma prod. by laser heating, refl. rad. spectra 2—39156
    - LiF:H, CNDO treatment of U-band 2—13088
    - LiF:Mg, solid soln. hardening, precip. hardening, work hardening, crit. resolved shear stress detm. 2—32705
    - LiF(:Mg), work hardening, temp., glide vel., Mg conc. effects, Frank's theory 2—36208
    - LiF:Mg thermoluminescence, continuous trapping model 2—29971
    - LiF:Mg^{2+} slip deformed, impurities influence on dislocation struct. 2—9561
    - LiF:Mn, localized modes, Raman scatt. 2—25668
    - LiF:OH, thermoluminesc., rel. to OH ion conc. 2—29977
    - LiF:OH, thermoluminesc., OH anion effects 2—29978
    - LiF-BeF$_2$-ZrF$_4$, molten, diffusion of Ni, coeff. determ. by linear sweep voltammetry and chronopotentiometry 2—18810
    - LiF-O$_2$ filter for Lyman-α radiation from electron impact on H$_2$, transmission properties 2—23728
    - LiF, thermal conductivity, phonon scatt. at dislocations 2—16069
    - in MgO, cold pressed, effect on temp. depend. of elec. cond. 2—36210
    - in MgO, packing kinetics, hot-pressing temp. effects 2—36209
- **Lithosphere** *see Earth*
- **Localized states** *see Crystal electron states*
- **Loges (molecular bonds)** *see Bonds; Molecules/electronic structure*
- **Lorentz-Lorenz relation** *see Dielectric phenomena*
- **Lorentz transformation** *see Relativity/special*
- **Lorenz number** *see Conductivity, electrical/solids; Conductivity, thermal/solids*
- **Loschmidt number (= Avogadro number)** *see Constants*
- **Loudness** *see Hearing; Intensity measurement, acoustics*
- **Loudspeakers** *see Acoustic radiators*
- **Love waves** *see Elastic waves; Seismic waves*
- **Low energy electron diffraction** *see LEED*
- **Low-temperature phenomena**
    - *see also Helium/liquid; Helium/solid; Joule-Thomson effect; Superconducting materials; Superconductivity; Superfluidity*
  - Bose liquid, validity of hydrodynamic model at zero temp. 2—30822
  - cryogenic liquids, transient boiling in large volumes 2—35837
  - diphenyl monocrystal, far i.r. absorption spectra, liq. N and liq. He temps. 2—16504
  - grease, Apiezon N and T, correlation between thermal conductance, specific heat anomalies and glass transition temp. 2—30728
  - steel characterization, for cryogenic appl. 2—12971
  - superconducting and normal magnet materials, metals and plastics 2—14371
  - thermal release of H$_2$, D$_2$ and T from cryogenic surfaces 2—1193
  - ^{35}Cl n.q.r. of 11 organic and 3 inorganic molecules, 77 K 2—24493
  - Cu, conductors at cryogenic temps. 2—40173
  - ^{4}He, density matrix of liquid at low temp. 2—32297
  - Ta, Frenkel defects prod., 4.5 K, rel. to spontaneous recombination processes, electron irradiation expts. 2—22195
- **Low-temperature production**
    - *see also Joule-Thomson effect; Liquefaction/gases; Magnetic cooling*
  - cooling machine using liquid ^{3}He-^{4}He 2—20771
  - cryogenic attachment for X-ray camera 2—25294
  - dilution refrigerator, applic. in dynamic polarization, spin freezing and brute force polarization of protons 2—37527
  - dissolving cryostat with ^{3}He evacuation using a condensation pump, 0.06K 2—37526
  - heat transfer to coolants at high pressures 2—41370
  - horizontal dilution refrigerator with very high cooling power 2—7632
  - for moving source in Mossbauer spectroscopy expts. 2—5097
  - nuclear cooling, review 2—5098
  - refrigerator, dilution, for obs. below 0.06 K 2—30727
  - scanning electron microscopy, instrumentation for liq. He temp. op. 2—37911
  - He/H refrigeration plant for big european bubble chamber 2—23188
  - ^{3}He-^{4}He refrigerator, cycling cascade design 2—2047
  - ^{3}He polarized targets, possible production using adiabatic compression method 2—34761
  - ^{4}He-^{3}He refrigerator, ^{4}He circulation 2—2046
  - ^{4}He cryogenic bath with temp. gradient and coexistence of superfluid and normal phases 2—2045
- **Low-temperature technique**
  - automatic device for maintaining constant level of liquefied gases 2—41360
  - automatic temp. control of superconducting bolometer 2—27307
  - bone treatment for joint surface allografts 2—41285
  - calorimeter for heat capacity meas. on small samples in temp. range 1-35 K using Si chip bolometer as sample holder, temp. sensor and heater 2—30726
  - continuous refrigeration at 1.8K in lab. cryostats using 4.2K liquid He dewar supply 2—41365
  - cooled ruby laser, frequency shifted by adding He gas to vapour phase of liquid N$_2$ bath 2—34400
  - cryogenic, partially stabilized superconducting quadrupole magnet 2—1498
  - cryogenic flow measurement, research facility, accuracy statement 2—1049
  - cryogenic system for magnet of large mass 2—1497
  - deep freezing of biological material, apparatus with programmed control 2—20773
  - dewar with superconducting solenoid, for magnetic field investigations 2—21017
  - dissolving cryostat with ^{3}He evacuation using a condensation pump, 0.06K 2—37526
  - electrical feedthroughs 2—20765
  - electrical leads, enhanced cooling 2—30722
  - e.p.r. cavity resonator for 8 mm. band with sample changing at liquid He temperatures 2—34265
  - ferromagnetic resonance measuring system 2—27374
  - flowmeters, positive displacement, evaluation of performance 2—3345
  - friction and wear meas. apparatus 2—25547
  - He, liquid, dewar vessel eliminating problems of air crystallization 2—23189
- **Low-temperature technique** continued
  - heat exchangers for dilution refrigerator, optimum design 2—30725
  - heat exchangers for dilution refrigerator using Cu foil perforated by sewing machine 2—26992
  - impact-fatigue testing apparatus for low temp. obs. 2—29369
  - low and ultralow research, at Sussex, Cambridge, and Birmingham Univs. 2—41362
  - magnetic field meas. by Hall e.m.f. transducer 2—234
  - measurement by Mossbauer effect, 10^{-3}K 2—41363
  - metals, alternating cantilever bend testing and torsion testing at 1.5-300K 2—29348
  - molecular beam system combining nozzle source with low temp. pumping for gas-surface scattering obs. 2—32324
  - optical transmission of microcrystals in resin obs. 2—4429
  - pressure losses in ^{3}He pumping system subjected to temp. gradient 2—41358
  - rapidly demountable connection using rubber sealing ring for liquid N$_2$ line 2—41406
  - refrigeration of apparatus for high pressure Mossbauer studies 2—30724
  - spectroscopy, book 2—38151
  - superconducting mechanical switch 2—26993
  - thermal insulator conductivity meas. standards, guard-ring method 2—23190
  - thermal switch, based on heat pipe principle 2—20772
  - thermometers, C resistors 2—27337
  - vacuum pumping on multi-layer insulated cryogenic vessels 2—17138
  - Cu wire thermal feedthrough, construction 2—30718
  - Ga heat switch for liquid He temps using magnetoresistance effect 2—41359
  - GaSb resistance thermometers, for 2 to 100°K range 2—17456
  - ^{3}He cryostat, direct access allows experimental sample without warming apparatus above 4.2 K 2—41371
  - In seals 2—41366
  - N$_2$ liquid, level control with low-high regulation 2—30723
  - NbTi superconducting magnet, enhancement of quench fields on cooling below 4.2 K, method for maintaining 2.17 K with He at constant 1 atm. 2—27410
  - Ni-Zn ferrites, cryogenically crushed, prep. and props. 2—16384
- **LS coupling** *see Atoms; Spectra/atoms*
- **Lubrication**
    - *see also Friction*
  - asperity load sharing in lubricated contacts, model 2—22295
  - carbon fibres in thermoplastics, tribological characteristics 2—1336
  - coating, self-lubricating, anti friction type, formation using plasma device 2—6335
  - conference, Pittsburgh, USA, Oct. 1971 2—22292
  - elastohydrodynamic, asperity contact 2—12914
  - film lubricant, thermal contact conductance 2—17430
  - hard lubricant, antifriction props., 20-1500°C 2—1335
  - micropolar fluid lubricated squeeze film and externally pressurized bearings 2—22293
  - point contact, load capacity increase due to viscoelastic normal stress effect 2—22305
  - pressure, deform. profile, between two colliding lubricated cylinders, lubricant compressibility effects 2—31899
  - rolling fatigue tester, multiple-rig 2—22321
  - solid lubricant, shear modulus meas. 2—22294
  - solid lubricants for machine elements 2—1333
  - squeeze film, between porous rectangular plates, velocity slip effects 2—39850
  - vacuum pumps, perfluoroalkyl polyether fluids 2—23196
  - Al, failure, rupture, influence of surface lubrication and u.s. sound 2—39807
  - Fe, LEED, Auger spectroscopy and microcontact obs. 2—39848
  - MoS$_2$ + Cu or Sn covering, self lubricating antifriction coating 2—6335
  - MoS$_2$ in epoxy resin, solid lubricant, shear modulus meas. 2—22294
  - MoS$_2$ layer material, lubricating mechanism 2—22300
  - MoS$_2$ type bonded solid film lubricant, humidity effects on frictional props. 2—22301
- **Luder's bands** *see Plastic deformation*
- **Ludwig-Soret effect** *see Diffusion in solids*
- **Luminescence**
    - *see also Cathodoluminescence; Chemiluminescence; Electroluminescence; Fluorescence; Luminescent devices; Phosphorescence; Stimulated emission; Thermoluminescence; X-ray fluorescence*
  - aromatic dπ^*-$\pi\pi^*$ interactions, comparison with nπ^*-$\pi\pi^*$ interactions in Ir(III) complexes 2—35300
  - bathochromic luminescence effect, model proposed 2—8517
  - benzoic acid, effect of dimer formation on emission spectrum, position of (n,π^+) triplet state 2—35310
  - bicyanine dimer, electron- vibrational spectra, strong coupling case 2—12214
  - biological, u.v. pulse generator 2—17724
  - bleaches, luminescent, spectral and colour characteristics 2—16444
  - chiral molecules, instrument for circular polarization obs. 2—31101
  - cosmic ray air showers, detection of atmospheric scintillation light 2—26554
  - coumarins, assignment of lowest excited singlet and triplet states on basis of luminescence measurements 2—12226
  - crystal, impure, interference narrowing of hot luminescence lines 2—1450
  - crystals, many-body processes in nonradiative energy transfer between ions 2—26209
  - eosin, exciton bands and aggregate emission studied in u.v. and visible region 2—35359
  - erythrosin, exciton bands and aggregate emission studied in u.v. and visible region 2—35359
  - exciton induction and echo 2—1705
  - 9-fluorenone, emission and absorpt. spectra, low lying excited states 2—15375
  - fluorescein, exciton bands and aggregate emission studied in u.v. and visible region 2—35359
  - furocoumarins, assignment of lowest excited singlet and triplet states on basis of luminescence measurements 2—12226
  - gas molecules, nonlinear level crossing in the standing wave field 2—31744
  - ion-bombarded crystal, atom shell struct. effects, Slater function method 2—25984
  - kinetics, spectral dependence, use of stroboscopic unit in obs. 2—17722
  - liquid velocity distribution, using luminescent particles 2—9058

Luminescence continued
- luminescence dosimetry, conference, Risoe, Denmark, Oct (1971) 2—29948
- mixed molecular crystals, impurity luminescence, energy transfer 2—29998
- molecular, stochastic model solved for different rates of vibrational and electronic relaxation 2—31742
- molecules, polariz. of two-photon fluoresc. 2—31748
- molecules, Stepanov's relation between absorption and luminescence, realizability condition 2—8517
- monolayer assemblies, chromophore interactions 2—35374
- nitroaromatics, study of luminescent emission characteristics 2—12269
- nucleoprotein, energy transfer between protein and DNA 2—26943
- optical field effects produced by fluctuations of density of excited states 2—40710
- oxide catalysts, use of luminescence to investigate acidic centres 2—4585
- petrography, review 2—1795
- proteins, tryptophan-containing absorption and luminescence spectra 2—8832
- quantum electronics materials, chemical analysis 2—4604
- quenched linear polymer chains, solutions of master equations and related random walks 2—37629
- quenching of molecular excitons, kinetic comparison of Forster-Dexter and Frenkel excitons in linear chains 2—22469
- radiationless energy transfer between impurity atoms, cryst. with broad absorpt. and luminesc. bands 2—22451
- radiative recombination of hydrogenic ions in high temp. plasmas 2—16964
- resonance radiation self-imprisonment 2—1707
- roentgenography with high-energy X-rays, luminescence yield 2—27687
- solid solutions, theory of the influence of concentration 2—4469
- spectra, excitation and emission, corrected to relative quanta, instrument technique 2—14483
- spectra, on-line spectrofluorimeter system for rapid collection 2—11535
- superradiant damping, multimode Maxwell-Bloch eqns. 2—11947
- superradiant damping and absorpt. 2—8434
- triphenylenes, 2-substituted, excited state reson. interactions 2—35356
- uranyl compounds, mechanism for appearance of internal vibrations of the ligands 2—24491
- weakly absorbing media, spectrophotometric examination 2—2466
- X-ray, stimulation by photoelectrons, mathematical treatment 2—29967
- Bk III, energy level assignments 2—21504
- Es III, energy level assignments 2—21504
- He-Cs, plasma, decay, obs. of flare up due to population of Cs levels 2—977
- He^++HBr, emission spectrum obs., excited state prod., v=0 level in $A^2\Sigma$ state of HBr^+ 2—31883
- He^++HCl, emission spectrum obs., excited state prod., v=0 level in $A^2\Sigma$ state of HCl^+ 2—31883
- Ir (III) compleses, modulation of (dlπ^*)-(π-πz2u) configuration interaction, by solvent effects, luminescent state prod. 2—12157
- $O_2(^1\Delta_g)$, rate constants for quenching by 2,3-dimethyl-2-butene and triethylamine 2—21636
- Si halide molecule, matrix element of dipole moment of transition, depend. on r-centroid intensities 2—18469
- U complexes, mono and tri-fluoro-oxalate, luminescence and i.r. absorption spectra 2—28330

gases
- benzophenone, energy resolved decay, strong coupling between S_1 and T_1 vibronic levels 2—8737
- discharge, luminosity persistence measurements 2—24928
- organic molecules, i.r., laser induced 2—826
- resonance radiation self-imprisonment 2—1707
- super radiance, crit. inversion density, line narrowing 2—5355
- CCl_2F_2 irradiated by 10.6μ CO_2 laser pulses 2—35273
- CO^+, Franck-Condon factors and collisional deactivation 2—15323
- CO_2, i.r. luminescence spectra, rot. consts. of vibr. levels 2—12112
- CO_2, induced fluoresc. and temp. jump by resonant absorpt. of laser radiation 2—38893
- He-Ar mixture, vac. u.v. emission band spectrum 2—18401
- $Hg(NH_3)_n$, emission profiles, dissoc. constants 2—30084
- ICl low-pressure vapour, time-resolved fluorescence 2—21617
- N_2-O_2 mixtures, decay of luminescence, irradiated by alpha particles, emission spectra 2—35274
- N_2, vibrationally excited, quenching by CO_2 and N_2O, study using photoionization technique 2—806
- N_2 electron beam fluorescence probe for rotational states due to hypersonic shock wave 2—39265
- N_2 spectrum, 6500-11500 Å, excitation by 13 kev electrons of pure N_2 and N_2-He mixtures 2—31809
- N_2^+, Franck-Condon factors and collisional deactivation 2—15323
- NH_3, Hg-photosensitized UV luminescence, evidence for cluster attachment 2—30084
- NH_3 irradiated by 10.6μ CO_2 laser pulses 2—35273
- O_2^+, Franck-Condon factors and collisional deactivation 2—15323
- SiF_4 irradiated by 10.6μ CO_2 laser pulses 2—35273

liquids and solutions
- alkali halide solutions, u.v. and pulse irradiated, heavy atom effects on electronic processes 2—26370
- 2-aminonaphthalene-6-sulphonate and derivatives, in solution 2—28343
- 2-aminonaphthalene-6-sulphonate and derivatives, solvent dependence 2—28868
- anthraquinone in solutions, delayed thermal fluorescence 2—28874
- aromatic hydrocarbons in soln., triplet monomers and excimers, lifetimes 2—9143
- aromatics in polar and apolar solvents, fluorescence quantum efficiencies 2—28876
- azulene solns., fluoresc. due to nonlinear absorpt. of laser radiation 2—28859
- benzene, in cycohexane, triplet yield as function of conc., intersystem crossing effects 2—28875
- benzodioxane-1,4 and o-form, quasilinear fluoresc. spectra 2—28879
- benzophenone, radiative decay of lowest excited singlet state 2—3073
- 2,6-[bis-2′-benzoxazolyl] pyridine, scintillation studies 2—3395
- biphenyls, bridged, phosphorescence in fluid solution 2—39374
- 2-carbethoxy-4-aminoindole, scintillation studies 2—3395
- chemiluminescence, electrogenerated, effect of external magnetic field on intensity 2—40821
- concentrational depolarization using layer model of luminesc. centres 2—6236

Luminescence continued

liquids and solutions continued
- dipyrazolinylbenzene, 4 derivatives, fluorescent spectra 2—27492
- doubly labelled samples, scintillation counters, computerized assay 2—2626
- dye, flash pumped, laser emission 2—32271
- dye solution, fluorescence decay time rel. to viscosity 2—18837
- dye-detergent micelle system, absorpt. and fluorescence spectra, comp. depend. 2—18839
- dye-detergent solution, excited molecules local temp., fluorescence and absorpt. spectra 2—18838
- dyestuffs in viscous soln., conc. depolarization of fluoresc. 2—9142
- inert gas, pure and mixtures, vac. u.v. α-induced luminesc. 2—20113
- naphthalene-d_8 solutions in toluene, study of interaction processes 2—9140
- photoluminescence, emission anisotropy as function of conc., depolarization 2—6237
- pirimidine derivatives, scintillation props. 2—28877
- PPO styrene solutions during polymerization, decay times and radioluminescence yields 2—40809
- rhodamine 6G, soln., intermol. energy transfer and conc. depolarization of luminescence 2—6237
- Rhodamine 6G ethanol solutions, anti-Stokes luminesc. 2—35773
- rhodamine 6G solutions, fluorescence, concentration quenching by energy transfer 2—28878
- rhodamine-thionine-detergent system, temp. effect on excitation energy migration 2—39375
- riboflavin, electronic spectra, binary solvents influence 2—28870
- scintillation counters, chemiluminescence reduction in refrigerated and ambient temperature instruments 2—27865
- seawater photoluminescence, spectral variations and differences in salinity and concentration of yellow matter 2—1797
- sonoluminescence in solvents, cavitation phenomena 2—28873
- thermal radiation during ultrasonic cavitation, obs. 2—18781
- ultraviolet absorbent dyes, fluorescence tracer usage 2—25094
- uranyl sulphate, luminescence in presence of nearly 100 electrolytes and organic substances 2—15597
- viscous, effect of particle charge of quantum yield of luminesence of donor 2—28871
- X-ray and U.V. induced, obs. during and after irradiation 2—36951
- He, scintillation under pressure from 4.2>T>1.3K 2—1130
- ^4He-^3He dil. metastable solns., diffusion due to α-particles 2—32293
- ^4He, scintillation under pressure with 2>T>0.3K 2—1131
- ZnSe-ZnCl:Eu, Tb melt, rel. to investigation of interactions in melt 2—39373

solids, inorganic
- alkali halide, rel. to impurity precipitation, review 2—3794
- alkali halide, vacuum u.v. excited, glow peak processes 2—16629
- alkali halide, weak mag. field enhancement of luminesc. from F-centres 2—26237
- alkali halides, luminescence of Au^- centres, 4-300 K 2—26212
- alkali halides, optical detection of e.s.r. of F-centres 2—10491
- alkali halides, u.v. and pulse irradiated, heavy atom effects, on electronic processes 2—26370
- antiferromagnetic transition metal fluorides, study of mixed crystals 2—40543
- Apollo 12 lunar samples 2—13986
- aromatic compounds, vitreous solutions, role of molec. association in temp. induced increase of delayed fluorescence 2—36947
- aromatic syst., energy trapping processes 2—36940
- complex europium compounds relative intensities of electric and magnetic dipole transitions of Eu^{3+} in low-symmetry complexes 2—16605
- diamond, near i.r., rel. to impurity states 2—13501
- diamond, rel. to e.p.r. spectra, paramagnetic centres 2—26274
- diamond, semicond., hole capture rel. to thermoluminesc. 2—26245
- diamond, semicond., thermoluminesc. theory, recomb. 2—26246
- diamond, type I and IIb, photoluminescence 2—20091
- diamond, type-I, decay times of fluoresc. bands, u.v. excitation 2—16618
- electron temps. deduced from photo- and cathodoexcitation of free-to-bound emission 2—22794
- fluorescence, energy transfer, excitation-diffusion-limited 2—4417
- fluoroberyllate laser glass, rare earth doped 2—29961
- germanate glass:Nd^{3+}, fluorescence and laser props. 2—20102
- glass: Mn-R, R=Nu, Ho, Er, energy transfer between sensitizer-activator 2—4493
- glass:Nd, laser induced fluorescence line narrowing 2—33317
- glass, multicomponent silicate optical, electron and proton radioluminescence 2—4519
- glass, Nd^{3+} emission spectra asymmetry 2—1711
- glass powder, triboluminesc., sand blasting technique 2—4526
- group II-VI cpds., rare earth photoluminesc., sensitization 2—20092
- group II-VI cpds., sensitization of rare earth photoluminesc. 2—22801
- halophosphate luminophores, exposure to mercury discharge lines (1849 and 2537 Å) 2—4511
- halophosphate luminophores, thermal luminosity, in temperature ranges 85-320°K and 293-573°K 2—4510
- inert gas, pure and mixtures, vac. u.v. α-induced luminesc. 2—20113
- i.r. to visible converting phosphors, Er activated, ultimate efficiency 2—40720
- magnesium metaphosphate glass, Mn^{2+} activated, excitation and emission spectra, conc. depend. 2—20105
- metastable state, thermal broadening of absorption band 2—4528
- NaI:Tl, light sum storage process rel. to anionic impurities 2—10425
- naphthalene absorbed on dispersed alumino-silicate absorbents, 77K 2—4483
- nonlinear optical crystals, tunable four photon parametric fluorescence 2—29866
- optical materials, electron induced, meas. 2—33325
- oxide ceramic, defects, fluorescence and u.s. obs. 2—12978
- phosphate glasses containing Eu^{3+}, transition probabilities 2—29914
- phosphor, Eu^{3+} activated, colour shift mechanism 2—1716
- phosphors, in host lattice $ABGe_2O_6$ A,B=Ca, Sr, Ba 2—4503
- phosphors-glass interaction, halophosphate, Mn effect on binder burning-out 2—29965
- photoluminescence of GaAs, crystal quality evaluation 2—4475
- photon emission during alkali ion bombardment 2—36955
- population inversion, electrolum. excitation, impurity impact excitation 2—13524
- quartz, emission capacity in 2-25 μm region 2—40724
- quartz, fired, thermoluminesc. sensitivity, radiation-induced increase 2—13517

Luminescence continued
solids, inorganic continued
rare earth activated, review 2—36923
rare earth ion activated cryst., i.r.-visible conversion 2—26222
rare earth ion systems, stepwise energy transfer and i.r. to visible conversion 2—10427
rare earth phosphors, Yb^{3+}- sensitized, i.r.-visible conversion processes 2—33308
rare earth trifluoride, up-conversion phosphor, prep. method 2—33321
rare earth yttrium orthovanadate phosphors, dependence of intensity on ion concentration 2—16608
ruby, from laser damage tracks, time evolution studies 2—29861
ruby, generation spectrum, three level centres, laser parameters 2—4485
ruby, heavily doped, optical props., review 2—36868
ruby, pink, radiation imprisonment and mag. field effects 2—1708
semiconductor, free exciton condensation into electron-hole drops 2—33307
semiconductor, indirect gap, band-to-band Auger recomb. 2—7089
semiconductor, radiative electron capture by impurities 2—40713
semiconductor, radiative recomb. obs. using impact ioniz. of donors 2—16602
semiconductor, recomb. centres characteriz. from photoluminesc. temp. depend. 2—29951
semiconductor, recomb. radiation decay calc. 2—7088
semiconductor, ternary, external efficiency, theory 2—4524
semiconductor glass filter, nonlinear radioscopy 2—22757
silicate glass, rel. to investigation of heterogeneous structure 2—39442
thiogallate phosphor, MGa$_2$S$_4$:Ce^{3+}, Eu^{2+} 2—26234
uranyl compounds of type MUO$_2$(C$_2$H$_5$COO)$_3$, M = C$_3$, Rb, K, NH$_4$ 2—4495
AgCl: Mn^{2+} monocrystals, effect of Mn^{++} activator concentration 2—4488
AgCl, hole self-trapping and recomb. luminesc., low temp. 2—16604
AgGaS$_2$, visible cathodoluminesc., free exciton annihilation 2—33324
AgGaS$_2$(Se$_2$), energy band gap obs. 2—4223
AgGaS$_2$ 2—9364
Al-Al$_2$O$_3$-Au, m.i.m. structure, elec. cond., electron emission, electroluminesc. 2—13290
Al-Al$_2$O$_3$-Au diode, electroluminesc. rel. to negative resistance 2—19725
Al, triboluminesc., sand blasting technique 2—4526
Al$_{1-x}$Ga$_x$As, photoluminesc., liquid N$_2$ temp. 2—4489
Al$_x$Ga$_{1-x}$As, light emitting diode, partial dissolution during LPE 2—1541
AlNa silicate glasses, Nd-doped, Al coordination effect on spectroscopic properties of activator 2—26211
Al$_2$O$_3$:Cr^{3+}, fluorescence resonant phonon trapping detected 2—19351
Al$_2$O$_3$, alumina triboluminesc., sand blasting technique 2—4526
Al$_2$O$_3$, anodic film, spectral distrib. and temp. depend. 2—13500
Al$_2$O$_3$, corundum, colour centre activation energies 2—29198
Al$_2$O$_3$ photo- and electroluminescence 2—20119
Al$_2$O$_3$ powder, electroluminesc. 2—7103
Ar, spectra of Li, Na, K and Cs atoms 2—24387
Au-GaP Schottky barriers, green injection luminesc. 2—13523
BN, candoluminesc. 2—7106
(Ba,Sr)Si$_2$O$_5$:Eu^{2+} phosphor for fluorescent lamps 2—11524
Ba$_2$MgGe$_2$O$_7$, exper. data 2—16617
Ba$_{0.25}$Mg$_{2.75}$Y$_2$Ge$_3$O$_{12}$:Nd^{3+}, laser action 2—16616
Ba(NO$_3$)$_2$, shock have induced, spectra distrib. 2—10417
BaS:Bi phosphors, thermoluminescence, trap depth evaluation from glow curves 2—36952
BaSO$_4$, pulverized, active centres, e.p.r., thermolum. 2—10522
Ba$_2$SiS$_4$:Eu^{2+}(Ce^{3+}), cathodoluminescence 2—10451
BaYF$_3$ i.r. to visible converting phosphors, Er activated, ultimate efficiency 2—40720
BaYF$_5$ and BaY$_2$F$_8$, i.r.-visible conversion by rare earth ions 2—26222
BaYb$_2$F$_8$:Er, X-ray induced variation of Yb^{3+} sensitizer time const. 2—20101
BiI$_3$, of bielectrons and biholes 2—10418
C$_2$UO$_2$Br$_4$, fluorescence spectrum and relaxation time meas. 2—26232
CaCO$_3$, oxygen adsorption influence on thermoluminesc. 2—10450
CaCO$_3$(Calcite), from single crystals irradiated at 4.2 K 2—7108
CaF$_2$:Dy^{3+}, noncubic components of emission spectra 2—26213
CaF$_2$, crystal phosphors, exciton and electron-hole processes 2—26214
CaF$_2$, emission capacity in 11-17 μm region 2—40724
CaF$_2$, F$_3$ centre, absorpt. band, zero-phonon line, fluorescence 2—19122
CaF$_2$, Mn- and Ce:Mn doped, cathodoluminesc. 2—13518
CaF$_2$, thermoluminesc., dosimeter applic. 2—13514
CaO, F$^+$ centre emission spectrum, one-phonon sidebands 2—29911
Ca$_5$(PO$_4$)$_3$F$_x$Cl$_{1-x}$:Mn^{2+}, fluorescence 2—10437
Ca$_5$(PO$_4$)$_3$F$_x$Cl$_{1-x}$:Mn^{2+}, fluorescence, effect of rapid cooling 2—10438
CaS:Cu, CaS:Cu, Zr phosphors, effect of activator conc. variation 2—36934
CaS:Pd phosphor, electrolum., brightness rel. to voltage and freq. 2—36961
CaS:Zr, Mn phosphor, emission spectra, luminesc. mech. 2—36925
CaS-SrS-Ce, Sm phosphors, energetic structure of capture centres 2—16624
CaS phosphor, fast cathodoluminesc. with Co addition 2—26248
Ca$_2$SiS$_4$:Eu^{2+}, cathodoluminescence 2—10451
CaWO$_4$:Nd^{3+}, optical pumping, birefringence dispersion, population inversion 2—20030
Cd, complex, CdCl$_2$ with different methyl- and dimethylquinolines, photoluminescent properties 2—10458
CdCr$_2$Se$_4$, impurity level obs., Ag and In doped crysts. 2—40659
CdF$_2$:Er^{3+}, C$_{3v}$ local site symmetry, rel. to i.r. quantum counting 2—37939
CdF$_2$:Mn film, electrolum. 2—13522
CdP$_2$, photo and cathodoluminesc., band structure and exciton behaviour 2—26215
CdS:Ag,Er^{3+} photoluminesc., sensitization 2—20092
CdS:Cu, i.r., effect of prep. conditions 2—13503
CdS:Cu, trap parameters, thermolum. study 2—19668
CdS:cu powder phosphor, electrolum., a.c. and d.c. 2—40733
CdS:Ga, emission spectra obs. of structure change dependent on impurity conc. 2—26162
CdS:Te, conc. depend. of emission intensity 2—4490
CdS, associated with high field domains 2—13502
CdS, band gap reduction due to high photoinjected carrier injection 2—29949
CdS, highly excited, hot exciton distributions 2—20123
CdS, hot, bound exciton reson. Raman effect, temp. depend. line shape obs. 2—16581

Luminescence continued
solids, inorganic continued
CdS, interactions between lattice and electronic excitations which luminesce studied in Franck Condon model 2—10419
CdS, photoluminescence, i.r. and thermally stimulated luminesc. 2—10420
CdS, radiative recomb. obs 2—13339
CdS, radiative recomb. probabilities and green emission, spectral distrib. 2—10444
CdS, red-emitting phosphor preparation and characteristics 2—4471
CdS, semicond., recomb. luminesc., rel. to adsorption, elec. field 2—22795
CdS, single cryst., layer like electroluminesc. 2—4525
CdS excitation spectra rel. to photoconductivity excitation spectra, intensity of illumination dependence 2—1719
CdS photoluminescent spectra, gamma ray induced changes 2—20122
CdS$_x$Se$_{1-x}$, graded band gap crystal, fluorescence obs. 2—26231
Cd$_4$SiS$_6$, photoluminesc., red and i.r. emission bands obs. 2—29960
CdSnP$_2$, with different impurities, cathodoluminesc. and photoluminesc. 2—10452
CdTe:In, photoluminesc., donor-acceptor pair spectrum 2—40722
CdTe, broad band cathodoluminesc., effects of heat treatment and electron irradiation 2—29990
n-CdTe, CdS semiconductor, pulse excited cathodoluminescence, relaxation kinetics, non-radiative recombination 2—7102
CdTe, compensation determ. rel. to purification by vertical zone melting 2—35950
CdTe, conductivity inversion obs. on ion implantation 2—36047
CdTe, donor-Cd vacancy complexes, annealing effects 2—36535
CdTe, localized levels rel. to double acceptor centre, obs. 2—36667
CdTe, photoluminesc. spectra, spontaneous, edge emission band fine struct. 2—40715
Cr complexes solid-state and rigid glass 2—10376
Cs pulsed discharge, spontaneous emission 2—2935
CsI/Tl, electric field effect on yield, energy transfer mechanisms 2—20093
CsI, excitation spectra, rel to optical constants in excitonic region 2—20001
CsI, kinetics of self trapped exciton recombination 2—4472
Cu, photoluminesc. rel. to band struct. 2—16640
Cu, radiative recomb. from transitions between cond. band states 2—20114
Cu wires, electrical explosion, radiation in infrared, visible, u.v. and vacuum u.v. spectral ranges 2—3214
CuCl:Br(I), rel. to excitons 2—13504
CuGa(In)S$_2$ 2—9364
CuO$_2$, semicond., exciton luminesc., adsorpt. effects 2—22796
Cu$_2$O, exciton induction and echo 2—1705
Er^{3+}, in fluorides, excitation mechanism, emission spectra 2—26217
Er^{3+}, in oxidic lattices, i.r.-visible conversion efficiency 2—26225
Eu complex, dibenzoylmethane, symmetry surrounding central ion 2—40663
Eu^{3+} in phosphate glasses, transition probabilities 2—29914
Eu$_x$La$_{1-x}$OCl, phosphor, concentration quenching of luminescence by dipole quadrupole mechanism 2—36927
EuO, magnon side-bands 2—36926
EuSe, decay time determ. 2—4474
Eu$_3$SiO$_6$, photoluminesc., single emission band 2—40471
p-GaAs:Cu, radiative recomb. under carrier heating conditions 2—4476
GaAs:Ge diodes, low-energy emission band obs. 2—26251
GaAs:Sn, Zeeman spectra of principal bound exciton 2—33306
n-GaAs:Zn, ion bombardment effects 2—25446
GaAs:Zn, Te, radiative recomb. time characts. 2—33305
GaAs:Zn diodes, high-efficiency, fabrication effects 2—26250
GaAs-AlAs solid solution, optical spin orientation of non-equilibrium electrons, recomb. radiation obs. 2—26218
GaAs-Ga$_{1-x}$Al$_x$As(Zn), heterostruct., electroluminesc. diode 2—10454
p-GaAs, 0.93 eV band, effect of heat treatment 2—36942
GaAs, 1.5141 eV line, lifetime of weakly bound excitons 2—29952
GaAs, before and after Al implantation 2—9585
n-GaAs, Cu diffused, photoluminesc., donor-Cu complex 2—10439
GaAs, electron beam excited, intensity depend. on excitation level 2—4521
n-GaAs, electron beam excited, donor conc. depend. 2—13519
p-GaAs, electron beam excited, temp. depend. of internal quantum efficiency 2—29947
GaAs, epitaxial, determination of energy levels bound to impurities or defects 2—32364
GaAs, epitaxial, impurity incorporation studies 2—9276
GaAs, epitaxial, γ-irrad. damage, energy levels 2—16227
GaAs, galvanoluminesc. role in electroreflectance by electrolytic method 2—40646
n-GaAs, hole lifetime doping depend. obs. 2—1514
GaAs, injection laser, spontaneous emission intensity to full operating power 2—5377
GaAs, optical spin orientation of non-equilibrium electrons, recomb. radiation obs. 2—26218
n-GaAs, photoluminesc., vacancy correl. with dislocations 2—16607
GaAs, photoluminescence, crystal quality evaluation 2—4475
GaAs, photoluminescence excitation spectra, capture of hot electrons by ionized donors 2—4527
n-GaAs, radiative recomb. obs. using impact ioniz. of donors 2—16602
n-GaAs, spontaneous emission, doping depend. 2—29950
GaAs$_{1-x}$P$_x$ diodes, defect centres generation during forward-bias degradation 2—7104
GaAs electroluminescent diode, degradation with prolonged operation, role of Cu 2—40734
GaAs epitaxial layers, Cu-contaminated, acceptor levels, photoluminesc. study 2—19669
GaAs epitaxial layers at low temp., polariton and spatial dispersion effects seen for n=1 free exciton 2—13257
GaAs nonhydrogenic exciton and energy gap, photoluminescence and photoconductivity 2—22549
GaAs p-n junction, recomb. emission, varying local delay time and doping depend. 2—19700
GaAs p-n junction, recomb. emission, varying local delay time and doping depend. 2—19700
p-GaAs semiconductor, pulse excited cathodoluminescence, relaxation kinetics, non-radiative recombination 2—7102
GaAs solar cell, photoluminesc. spectra, current-voltage characts., impurity influence 2—21012
GaAs$_{1-x}$P$_x$:Se, epitaxial, cathodoluminesc. assessment for light emitting diodes 2—10459

Luminescence continued
  solids, inorganic continued
    GaAsP wafer, photolum., laser induced, rel. to use as light emitting diode 2–40716
    $GaAs_{1-x}P_x$, electrolum., donor conc. effects 2–29993
    $GaAs_{1-x}P_x$, photoluminesc., luminesc. bands identified 2–10440
    $Ga_xIn_{1-x}P$, band. struct., comp. depend. determ. 2–10422
    $Ga_xIn_{1-x}P$ alloys, donor-valence band transition 2–22550
    n-$GaInS_3$, slow recomb. level obs. 2–6903
    GaN epitaxial layers, photolum., carrier conc. depend. 2–36928
    GaP:Be,(Mg)(Zn),O, diffusion doped 2–10421
    GaP:Bi, hot-implant behaviour 2–25432
    GaP:MgO complex, yellow-orange bound excitonic transition 2–36941
    GaP:N, epitaxial, cathodo- and electroluminesc. 2–7092
    GaP:N, undulation spectra, rotational levels of shallow acceptor states 2–33304
    GaP:O, liquid epitaxial growth, on oxygen incorporation 2–39593
    GaP:Si, rel. to bound excitons and donor ground state 2–36530
    GaP:Zn, O, minority carrier lifetimes and Zn-O centre conc. 2–4478
    GaP:Zn,O, annealing effects on luminesc. props. 2–26233
    GaP:Zn,O, recomb. centres characteriz. from photoluminesc. temp. depend. 2–29951
    GaP:Zn,O, red photoluminesc. efficiency, minority carrier lifetime 2–7098
    GaP, discrete pair line emission from Ge donor and acceptor 2–36929
    GaP, impurity effects 2–12694
    GaP, light emitting diode material, cathodoluminesc., scanning elec. microscope obs. 2–22813
    GaP, orange spectrum with V_{ga}-O_p centre 2–16606
    GaP p-n junctions, Zn-diffused, emission spectra 2–36507
    GaP red emitting diodes, injection and quantum efficiencies 2–33328
    GaP(Zn, O), spectral depend. of opt. cross-sections of excitation process from impurity absorpt. obs. 2–22797
    GaS, GaP, photoluminescence, characterization and impurity det. 2–16641
    p-GaSb:Si, photoluminesc., shallow acceptor obs. 2–7090
    p-GaSb, photoluminesc. under uniaxial compression, impurity levels 2–4477
    GaSe:Sn(Ge)(Cu)(I), photocond., photolum., recombination centres 2–7093
    GaSe exciton-exciton interaction 2–20115
    Gap, extrinsic minority carrier lifetime meas. 2–26249
    Gap(Zn,O), liquid encapsulation Czochralski grown, and doping characts. 2–22798
    Gd and Tb ions in borate glasses, quantum efficiency and energy transfer 2–16620
    Gd oxyhalide activated with Tb for X-ray image convertors, patent 2–20089
    $GdAlO_3:Er^{3+}$, energy level diagram detn. 2–33313
    $GdAlO_3:Nd^{3+}$, 77 K and 300 K 2–20097
    GdF_3:Er, Yb, anti-Stokes luminesc., effect of preparation conditions 2–26216
    Gd_2O_3:R, R=Pr, Sm, Eu, Gd, Tb, Dy, Ho, Er, and Tm, X-ray excited 2–22805
    Gd_2O_2S-La_2O_2S, phosphor host material, subsolidus phase relations 2–13010
    $GdScO_3$:Nd, absorpt. spectra, stimulated emission 2–26235
    $Gd_{1-x}Sm_xVO_4$, $0 \leqslant x \leqslant 1$, temperature, concentration, kinetic parameters and energy transfer 2–29955
    Ge:Sn, radiative recomb. at isoelectronic point defects 2–10429
    Ge, free exciton condensation into electron-hole drops 2–33307
    Ge, radiative recomb. of biexcitons 2–4479
    GeO_2, pulverized, active centres, e.p.r., thermolum. 2–10522
    GeO_2, pulverized, active centres, e.p.r., thermolum. 2–10522
    $HgCl_2$, shock wave induced, spectral distrib. 2–10417
    n-InAs, photoluminesc. spectra, rad. recomb. mech., 30-77 K 2–22799
    $InBo_3:Tb^{3+}$, Ce^{3+}, calcite type crystal, 4f-5d transitions studied 2–29962
    $In_xGa_{1-x}As$, epitaxial, photoluminescence, band struct. detn. 2–19004
    $In_{1-x}Ga_xP$, radiative recomb. processes, band transitions 2–7091
    $In_{1-x}Ga_xP$, photoluminesc. assoc. with multivalley resonant states of N isoelectronic trap 2–26219
    InP, bound exciton lifetime, emission decay and osc. strength 2–10423
    Ir(III) complexes, comparison of $n\pi^*$-$\pi\pi^*$ interactions with $d\pi^*$-$\pi\pi^*$ interactions in aromatics 2–35300
    Ir(III) complexes, emission lifetimes, quantum yields 2–26223
    KBr:I, from bound excitons, polarized light obs. 2–26236
    KBr:Tl, vac. u.v.-X-u.v. excited, photo- and electrophotoluminesc. processes 2–16603
    KBr, valency determ. of activator ions 2–9587
    KBr, X-irrad., glow peaks, F-centres, thermal trap depths 2–40728
    KCl:In, hole trapping by In^+ and $In^+ v_{c^-}$ centres 2–36943
    KCl:In, polarized luminesc. of In^{2+} and $In^{2+}v_{c^-}$ centres 2–33315
    KCl:KBr, emission spectra, transitions to exciton and cond. band states 2–36932
    $KCl:NO_{2^-}$, emission spectra, effect of impurities 2–16492
    $KCl:Pb^{2+}$, polarized luminesc. of impurity-vacancy complexes 2–16609
    $KCl:Sm^{2+}$ fluoresc. sites, canonical distrib. law and C_{2v} paradox 2–40723
    $KCl:Sm^{2+}$ single crystal, theory of Zeeman anisotropy fluorescence spectroscopy, numerical fit of low-J transitions 2–22804
    KCl:Tl absorption band, thermal broadening 2–4528
    KCl:Tl phosphorus, origin of 4750 Å emission 2–36931
    KCl-Tl, band region excitation 2–36933
    KCl, γ-irrad., thermoluminesc. and phosphoresc., F-centres 2–16630
    KCl, M-centres, relaxed excited triplet state decay 2–22229
    KCl, pure and Pb-doped, X-irrad., rel. to F-centre accumulation kinetics 2–36069
    KCl single crystals, F-centre luminescence during X-ray iradiation at low temperatures 2–29953
    KH_2PO_4, X-ray irrad., light pulse emission accompanied current pulses 2–13515
    KI: $O_{2^-}(S_{r^-})$, structure of phonon wing 2–26220
    $KI:In^+$, $KI:Sn^{2+}$ magnetic field dependence of radiative lifetime of A-band emission 2–36930
    KI:Tl, electron-hole centre interaction 2–40711
    KI:Tl type phosphors, emission, Jahn-Teller effect, $^3T_{1u}$ adiabatic potential-energy surfaces 2–33314
    KI, X-irradiated, role of Auger effect in thermoluminescence 2–33323
    $KMgF_3$, colour centre obs. 2–32556
    $KY(MoO_4)_2:Er^{3+}$, luminescence spectra rel. to empirical energy level diagram for Er^{3+} 2–26166

Luminescence continued
  solids, inorganic continued
    Kr, spectra of Li, Na, K and Cs atoms 2–24387
    La oxyhalide activated with Tb for X-ray image convertors, patent 2–20089
    $LaBr_3:Tb^{3+}$, absorpt. and fluorescence. spectra, Tb^{3+} excited states determ., 77K 2–36946
    $LaF_3:Nd^{3+}$, $LaF_3:Er^{3+}$ concentration quenching of luminescence and doping 2–10424
    $LaF_3:Nd^{3+}$, temp. dependence and superradiant effect 2–40719
    LaF_3, nonresonant energy transfer from Er^{3+} to Yb^{3+} 2–40717
    LaF_3, nonresonant energy transfer from Er^{3+} to Yb^{3+}, phonon emission and absorpt. 2–40718
    La_2O_3:R, R=Pr, Sm, Eu, Gd, Tb, Dy, Ho, Er, and Tm, X-ray excited 2–22805
    La_2O_2S, thermal quenching of rare earth line emissions 2–1709
    $La_{1-x}Sm_xVO_4$, $0 \leqslant x \leqslant 1$, temperature, concentration, kinetic parameters and energy transfer 2–29955
    $LiAl_5O_8:Fe^{3+}$, ordered and disordered phase obs. 2–36945
    LiF, F_2^+ centres, evolved by α-particle and deuteron irrad. 2–29201
    LiF, spectral emission capacity in 9-12 μm region 2–40724
    LiF dosimetry phosphor, radiation-induced increase of thermoluminesc. sensitivity 2–13516
    LiF thermoluminescent phosphor, supralinearity and sensitization 2–4513
    LiH:Bi, stability 2–7095
    LiH:Ge(Pg)(Sn), emission spectra, 4.2 K 2–20104
    LiH, excitation spectra 2–7094
    LiH, In, Tl, Sn, Sb, Bi activated, photoluminescence temperature extinction 2–33329
    $LnTiNbO_6$,Ln=Ce, Pr, Nd, Sm, Eu, luminescence and diffuse reflection spectra obs. 2–4448
    $LuBO_3:Tb^{3+}$, Ce^{3+}, calcite type crystal, 4f-5d transitions studied 2–29962
    $Mg(Ga,Al)_2O_4:Mn^{2+}$ phosphor for xerographic lamps 2–11524
    $Mg_2SiS_4:Eu^{2+}$, cathodoluminescence 2–10451
    Mn-$ZnSiO_4$, triboluminescence rel. to hydrothermal synthesis from Na_2N-ZnO-SiO_2 system 2–29087
    Mn-activated phosphor, radical recomb. luminesc., spectral kinetic regularities 2–13499
    $Mn_2PO_4Cl:Eu^{3+}$, fluoresc. spectrum 2–22111
    NH_4Br:Pb(Sn,Cu,In) phosphor, cryst. growth and spectra 2–1710
    NH_4Cl:Pb(Sn,Cu,In) phosphor, cryst. growth and spectra 2–1710
    NO_2^-, in alkali halide cryst., hot and scatt. luminesc., resonance secondary radiation spectra 2–16639
    $Na_4Al_3Si_3O_{12}Cl$, sodalite, doped, fluoresc. spectra 2–22806
    NaCl:Ag, vac. u.v.- X-u.v. excited, photo- and electrophotoluminesc. processes 2–16603
    NaCl:Br, $(Br^-)_2$ emission at 5.15 eV 2–33316
    $NaCl:Br^-$, 4.0 eV and 5.15 eV emissions, due to localized excitons 2–16610
    $NaCl:Pb^{2+}$, polarized luminesc. of impurity-vacancy complexes 2–16609
    NaCl:Tl, x-irrad., thermoluminesc. glow peaks 2–29988
    NaCl, low temp. triboluminesc. 2–10456
    NaCl, shock wave induced, spectral distrib. 2–10417
    NaCl, spectral emission capacity in 24-25 μm region 2–40724
    NaCl, valency determ. of activator ions 2–9587
    $NaMgAl(C_2O_4)_3.9H_2O:Cr^{3+}$, luminesc. emission spectra rel. to Cr^{3+} conc. 2–26221
    Nb, photoluminesc. rel. to band struct. 2–16640
    Nb_2O_5, candoluminesc. 2–7106
    $Nd_xLa_{1-x}OCl$, phosphor, concentration quenching of luminescence by dipole quadrupole mechanism 2–36927
    p-GaP, phonon lines and bands 2–20096
    $PbCl_2$, low temp. photo- and X-ray luminesc. 2–29954
    $Pr_xLa_{1-x}OCl$, phosphor, concentration quenching of luminescence by dipole quadrupole mechanism 2–36927
    Rh(III) complexes, emission lifetimes, quantum yields 2–26223
    $ScBo_3:Tb^{3+}$, Ce^{3+}, calcite type crystal, 4f-5d transitions studied 2–29962
    Se, band gap obs. 2–33271
    Si, electron irrad. 2–10428
    Si, recomb. rad. spectrum, temp. shift and width of 0.970 eV no-phonon line, 6-110K 2–22800
    SiC:N, thermally stimulated luminesc. due to impurity level nonequiv. population 2–13481
    n-SiC, exciton-exciton interaction in photoluminescence spectrum 2–1712
    SiC, photoluminesc. of radiation defects 2–33309
    SiC, triboluminesc., sand blasting technique 2–4526
    SiC diffused diode, cathodoluminesc., radiative recomb. quantum efficiency 2–16633
    SiO_2 films, sputtered, glow curves, colour centre obs. 2–40729
    $Sm_xLa_{1-x}OCl$, phosphor, concentration quenching of luminescence by dipole quadrupole mechanism 2–36927
    SnO_2, pulverized, active centres, e.p.r., thermolum. 2–10522
    SnO_2, stimulated photoluminesc. emission 2–26243
    SrF_2, F_3 centre, absorpt. band, zero-phonon line, fluorescence 2–19122
    SrF_2 crystal phosphors, exciton and electron-hole processes 2–26214
    $Sr_2P_2O_7:Eu^{2+}$ phosphor for photocopying lamps 2–11524
    SrS:Zr, SrS:Cu, SrS:Cu, Zr phosphors, effect of activator conc. variation 2–36934
    SrS(Cu) phosphors, spectral distrib. of luminescent emission, excitation spectra, decay and thermoluminescence 2–33310
    $Sr_2SiS_4:Eu^{2+}(Ce^{3+})$, cathodoluminescence 2–10451
    $SrTiO_3:Cr^{3+}$, domain struct. effect on fluoresc. 2–4494
    Ta-Ta_2O_5-Au diode, electroluminesc. rel. to negative resistance 2–19725
    Tb^{3+}, in oxygen dominated compounds, luminesc. and relax. props. 2–33318
    TlBr, hot, reson. Raman scatt., exciton-optical phonon interaction 2–16588
    TlCl:P, effect of i.r. irrad. 2–10430
    $Tl_3NbS_4(Se_4)$, cathodoluminesc. spectra 2–26239
    $Tl_3TaS_4(Se_4)$, cathodoluminesc. spectra 2–26239
    Tl_3VS_4, cathodoluminesc. spectra 2–26239
    Xe:Li, centres, absorpt. spectra, 4-80 K 2–29963
    Xe, spectra of Li, Na, K and Cs atoms 2–24387
    $YAG:Cr^{2+}$, X-ray and thermoluminescence., recombination excitation mechanism 2–40725
    $YAG:Cr^{3+}$, excitation and fluorescence spectra 2–26241
    $YAG:Cr^{3+}$, vibronic spectrum and fluoresc. lifetime, temp. depend. 2–13507
    YAG:Er, Ho, Tm, energy transfer process between Er^{3+} and Ho^{3+}, fluoresc. spectra obs. 2–26240

Luminescence continued
solids, inorganic continued
$YAlO_3:Nd^{3+}$, intensity parameters 2—4496
YF_3:Er, Yb, anti-Stokes luminesc., effect of preparation conditions 2—26216
YF_3 i.r. to visible converting phosphors, Er activated, ultimate efficiency 2—40720
YF_3 phosphors, YB^{3+} sensitized, i.r. excitation of visible Er^{3+} luminescence 2—16627
$Y_2O_3:Eu^{3+}$, energy transfer, fluorescence decay curves time-resolved study 2—22803
$Y_2O_3:Eu^{3+}$ phosphor, brightness enhancement by Ga_2O_3 addition 2—22814
Y_2O_3:r, R=Pr, Sm,Eu, Gd, Tb, Dy, Ho, Er, and Tm, X-ray excited 2—22805
Y_2O_3:Yb:Er, red-emitting i.r.-excited phosphor, energy transfer processes 2—26224
Y_2O_3, rare earth impurity analysis, X-ray excited optical fluorescence 2—4506
Y_2O_2S-Gd_2O_2S, phosphor host material, subsolidus phase relations 2—13010
Y_2O_2S-La_2O_2S, phosphor host material, subsolidus phase relations 2—13010
$Y_{1-x}Sm_xVO_4$, $0 \leqslant x \leqslant 1$, temperature, concentration, kinetic parameters and energy transfer 2—29955
$Y(V,P)O_4:Eu^{3+}$ phosphor for h.p. Hg vapour lamps 2—11524
Yb^{3+}, in fluorides, excitation mechanism, emission spectra 2—26217
Yb^{3+}, in oxidic lattices, i.r.-visible conversion efficiency 2—26225
$Zn_xCd_{1-x}S$:Ag,Ni, photoluminescence mechanism, energy band model 2—4480
$Zn_xCd_{1-x}S$:Mn monocrystals, photoluminescence spectra, determ. position of maximum of Mn emission band 2—29999
ZnO, band-band recomb. and cond. electron conc. 2—16613
ZnO, photoluminesc., mixed-mode excitons, reabsorpt. and exciton diffusion 2—16612
ZnO, stimulated emission and excited states of donor electron 2—4481
ZnP_2, cathodoluminesc., interband transitions and exciton behaviour 2—26227
ZnS: $AgAlS_2$, i.r. stimulation 2—29958
ZnS: $CuAlS_2$, i.r. stimulation 2—29958
ZnS:Ag,Cl phosphor, long decay, trap depth 2—36936
ZnS:CdS;Ag:Ni:Co phosphors, beta-ray irradiation, radiothermoluminescence 2—40730
ZnS:Cu, Cl film, l.v. electroluminesc. 2—40726
ZnS:Cu, electroluminesc., nature of luminous regions, dislocation theory 2—40736
ZnS:Cu, impurity conc. and firing temp. effects 2—36964
ZnS:Cu, phosphoresc. mechanisms 2—33322
ZnS:Cu, photoluminesc. quenching by secondary rad., dynamic theory 2—26226
ZnS:Cu, ruby laser induced luminescence flash 2—7096
ZnS:Cu, temp. effect on electrolum. decay 2—20120
ZnS:Cu,Cl phosphor electrolum., charged imperfections effects 2—36967
ZnS:Cu luminescence decay, study by ion pulse excitation 2—22802
ZnS:Cu luminophors, stimulated by varying energy photons, spectral props of stimulated emission 2—4497
ZnS:Ga, description by donor-acceptor pair model 2—29957
ZnS:I, low voltage electrolum., due to acoustoelectric instability 2—36966
ZnS:Ni, ion-hole complexes formed in charge exchange between impurities 2—29956
ZnS:TbF_3 films, electroluminesc. 2—13455
ZnS:Tm^{3+}, cathodoluminesc. efficiency 2—1718
ZnS-Mn-phosphors, temp. depend. of X-ray luminescence obs. 2—29968
ZnS-Tb^{3+} films, hot-electron impact excitation 2—16637
(ZnS, ZnO):Cu, Cl electroluminors, binderless electroluminescence, carrier injection mechanism 2—29995
ZnS, comparative study of thermally, stimulated voltaic effects and luminescence, role of traps and luminescence centres 2—16301
ZnS, electroluminesc., polytypism effects 2—26253
ZnS, emission bands, effect of Zn displacement 2—33326
ZnS, in m.i.s.i.m. struct., electrolum. quantum yield 2—20121
ZnS, phosphor, rel to photodielec. effect response 2—10144
ZnS, powder layer, rare-earth activated, d.c. electroluminesc. 2—10455
ZnS, rare earth doped, electro- and photoluminesc. 2—40737
ZnS cathodoluminescent film, prep. by r.f. sputtering 2—32384
ZnS crystals, blue luminescence, excitation and temp. dependence 2—7097
ZnS phosphor, low temp. stimulation by elec. field 2—26252
ZnS phosphors, double-band, X-ray induced enhancement of electroluminescence 2—36965
ZnS powdered phosphors, elec. field quenching 2—36935
ZnS thin film, rare earth ion implanted 2—19119
ZnSe:Er^{3+}, site sensitive excitation mechanisms, photoluminesc. 2—22801
ZnSe:Ni, two-stage excitation of anti-Stokes luminesc. 2—33311
ZnSe:Tm, Li, Tm^{3+} centre model 2—40721
ZnSe(Te) semiconductor, pulse excited cathodoluminescence, relaxation kinetics, non-radiative recombination 2—7102
Zn_2SiO_4, willemite, intrinsic cathodoluminescence emission 2—13520
ZnTe:Al. defect levels assignment 2—13244
ZnTe:In, O, self-activated and isoelectronic O emission 2—20106
ZrO_2, anodic layers, photoluminesc. 2—26228
ZrO_2, rare earth, neutron poison analysis, X-ray excited optical fluorescence 2—4506
solids, organic
acetophenone in variety of matrices. phosphorescence, pseudo-Jahn-Teller distortion 2—29966
anthracene, avalanche breakdown, electron-hole recomb. 2—19754
anthracene, cryst., in soln., fluoresc. decay times, rel. to defects and reabsorpt., 2-350K 2—10442
anthracene, degradation luminescence for meas. of ionising emission in heterogeneous systems 2—38774
anthracene, diffusion length of singlet excitons 2—6737
anthracene, in n-paraffin monocrystals, dependence on crystallization conds. and conc. 2—20098
anthracene, role of paramagnetic excitons in fluorescence 2—25741
anthracene, triplet exciton dynamics, temp. depend. 2—33319
anthracene, triplet-triplet fusion, mag. field effects 2—13097
anthracene crystals, charge transfer exciton fission 2—36960
anthracene film, fluoresc. decay time 2—10443
aromatic hydrocarbon dimers, absorpt. and emission spectra, radiative lifetimes 2—10361

Luminescence continued
solids, organic continued
benzophenone and 1-methylcoronen mixed crystals, demonstration of delayed fluorescence 2—36939
3,4-benzopyrene, fluorescence, effect of phase changes in cryst. cyclohexane matrix 2—33320
benzo[g,h,i,]perylene cryst. and mixed cryst. with perylene, spectral dependence of fluorescence lifetimes 2—22808
coronene, in n-paraffin monicrystals, dependence on crystallization conds. and conc. 2—20098
9,10-diazaphenanthrene, rigid glass soln., intersystem crossing rate constants 2—10426
dinaphtho[2,1-2′,3′]furan-8,13-dione, polymorphism, fluorescence with absorpt. spectra 2—25356
doped, emission rel. to exciton diffusion 2—26210
europium dibenzylmethane-piperidine chelates, luminesc. props. 2—36937
2,2′-hydroxy-1,1′-naphthalazine phosphor abs. quantum efficiencies 2—4482
isooctane containing impurities coronene and benzyprene in solution, effect of polymorphic transformation on luminescence spectra 2—29959
methylcyclohexane glass containing biphenyl, deferred luminescence at 4.2 K 2—7107
3-methylpentane γ-irrad. at 77K, effects of optical bleaching on luminescence decay and trapped electron conc. 2—26229
Michler's ketone, glassy solns., environment effects on anomalous luminescence 2—36938
microscope photometry with a potentiometric recorder, microanalysis in biology 2—5053
molecular crystals, sensitized luminesc. retardation effects 2—40712
naphthacene, excitation induction and echo 2—1705
naphthalene, and derivatives, crystalline state, emission spectra obs. 2—29964
naphthalene, indole-doped, local exciton spectra, effect of impurity conc. 2—13505
naphthalene, optical detection of e.s.r. 2—10527
naphthalene, phosphoresc., charge transfer complexing effects 2—36893
naphthalene-pentacene mixed crystal, triplet energy transfer, delayed fluoresc. 2—40727
naphthalene-tetracyanobenzene complex crystal effect of high density exciton on fluorescence decay curve 2—36948
organic crystals, time resolved fluorescence spectrum, rel. to studies of two-photon excitation by dye laser 2—26361
n-paraffin, doped, Shpol'skii spectra, 77K, polarization of multiplet components 2—20055
paraffin cryst., impure, phonon wings and zero-phonon lines in fluoresc. spectra 2—1715
pentacene, exciton and echo 2—1705
phenanthrene, phosphoresc., charge transfer complexing effects 2—36893
phenanthrene, rigid glass soln., intersystem crossing rate constants 2—10426
phenazine, Raman spectrum studied, purification of sample to reduce luminescence effects discussed 2—12273
phenyl alkyl ketones in glassy matrices, viscosity dependent dual phosphorescence 2—36950
phthalocyanine single crystal, fluorescence spectra obs. 2—33081
plastics, light intensity changes under UV light of 2540 Å, effect of activator impurity changes 2—4522
polymethacrylate, acridine yellow activated, preexcitation effect 2—4499
pyrene, in n-paraffin monocrystals, dependence on crystallization conds. and conc. 2—20098
pyrene, powdered, pressure effects on triplet excimer emission 2—4484
pyrene, thermally activated exciton hopping process, fluorescence 2—25742
pyrene and perylene excimer crystals, monomer emission, fluorescence, 4.2K 2—16623
2-amino-pyridine, in acetonitrile-water mixtures, phosphoresc., lifetime, intensity at 77K 2—7100
quinolines, hydrogenated, nature of electronic bands in luminescence spectra 2—4498
radiothermoluminescence and analysis of polymers 2—37061
ruby, optically detected $\bar{E}(^2E) \to {}^4A_2$ cross relax., detailed investig. 2—40714
tetracene, fluoresc. decay, charge carrier-exciton interaction 2—10446
tetracene, role of paramagnetic excitons in fluorence 2—25741
N,N,N′,N′-tetramethyl-p- phenylenediamine, recomb. luminesc. due to photoionization, 77 K 2—26230
tripalavin-gelatin gel, phosphor, phosphoresc. decay kinetics, irrad. effects 2—36949
triplet-triplet fusion luminescence, mag. field effects 2—13097
X-ray and U.V. induced, obs. during and after irradiation 2—36951
X-ray stimultaed thermoluminescence, dose depend. 2—16632
xanthone, effects of medium on polarized phosphorescence spectra 2—24557
CdS, cathodolum., free exciton motion and exciton-phonon interaction studies 2—36958
$LiNbO_3$, ruby laser beam induced, rel. to optical index damage 2—26238

Luminescence chambers
No entries

Luminescent devices
see also Counters/scintillation
diode form. by liq. phase epitaxy 2—32343
electroluminescent diode, spacing of photocurrent and external emission spectra maxima 2—20117
epitaxial growth rel. to luminescent elements 2—39595
heterostructure diode lasers 2—7937
phosphors, measurement of surface temperature of transistor 2—5281
photocells, evaluation of the spectral response using photoelectric technique 2—6897
pulse light fluorometer, oceanographic measurements, for in situ and dredging use 2—30248
X-ray intensifying screen using Gd_2O_2S:Tb phosphor 2—30672
Al-GaAs double-heterostructure, electroluminescent diode source for optical fibre transmission lines 2—29991
Au-GaP Schottky barriers, green injection luminesc. 2—13523
$Ga_{1-x}Al_xAs$ electroluminescent diodes, formation by Al^+ implantation, emission spectra 2—9585
GaAs:Ge diodes, low-energy emission band obs. 2—26251
GaAs:Zn diodes, high-efficiency, fabrication effects 2—26250
GaAs-$Ga_{1-x}Al_xAs$(Zn), heterostruct., electroluminesc. diode 2—10454

Luminescent devices continued
GaAs $_{1-x}P_x$ diodes, defect centres generation during forward-bias degradation 2—7104
GaAs diodes, fabrication 2—10090
GaAs electroluminescent diode, optical matching methods 2—11523
GaAs electroluminescent diode, degradation with prolonged operation, role of Cu 2—40734
GaAs emission diode with transistor structures, characts. meas. 2—1542
$GaAs_{1-x}P_x$:Se, light emitting diode, material assessment by cathodoluminesc. 2—10459
GaP:Mg-O diode, yellow emission 2—36941
GaP diode, technology and electroluminesc. props. 2—29994
GaP diodes, substrate-epitaxial interface quality effects 2—25199
GaP light emitting diode, neutron damage 2—20094
GaP p-n junctions, Zn-diffused, emission spectra 2—36507
GaP red emitting diodes, injection and quantum efficiencies 2—33328
α-SiC, epitaxial, p-n junc. 2—9370
SiC diffused diode, cathodoluminesc., radiative recomb. quantum efficiency 2—16633
SiC light emitting diode, neutron damage 2—19708
ZnSe-ZnTe heterojunction, epitaxial growth, green electroluminescence 2—40735
ZnSe m.i.s. structure, exhibiting electroluminesc., switching and memory 2—33327
Lumino(pho)rs *see Luminescencs/solids, inorganic; Luminescence/solids, organic; Luminescent devices*
Lutetium
electron configurations, energy difference between $f^q ps^2$ and $f^{q+1}s^2$ 2—592
Fermi surface, de Haas-van Alphen effect 2—4148
isotopes, neutron activation analysis using neutrons from $^9Be(\gamma,n)^8Be$ 2—1767
solubilization of Nd^{3+} in YAG 2—29092
Lu I, hyperfine structure and lifetime determ. by level cross technique 2—593
Lu IV lines from sliding spark, wavelengths 400 to 3200 Angstroms, energy levels 2—31668
Lu^{2+}, one-electron spectrum, and nuclear magnetic dipole moment of ^{195}Lu 2—2943
Lu^{3+}, in Czochralski grown $Y_3Al_5O_{12}$, distrib. coeff. 2—19118
Lutetium compounds
Gd-Lu alloys, ^{165}Ho n.m.r., hyperfine interactions rel. to noncollinear magnetic order 2—7138
La-Fe, intermetallic compound struct., disordered substitution, X-ray obs. 2—6452
Lu-H system, p.m.r. linewidth temp. depend., second moment calc. 2—7144
LuAl garnet:Cr^{3+}, hyperfine and transferred hyperfine interaction, ENDOR obs. 2—10582
$LuAl_2$, Laves phase compound, low temp. specific heat 2—19425
$LuAu_2$, atomization energies by high temp. mass spectrometry 2—28302
LuB_{12} thermal expansion, in range 78-1300°K 2—6684
$LuBO_3$:Tb^{3+}, Ce^{3+}, calcite type cryst., 4f-5d transitions studied, luminescence obs. 2—29962
$LuCo_2$, paramag. behaviour 2—25998
$LuCo_3$, Curie temp., hydrostatic press. effect 2—26001
$LuCrO_3$, nonaxial antiferromag. axis, neutron diffr. 2—26064
$Lu_{0.9035}Er_{0.0965}$, thermal and magnetic study of cryst. field energy levels 2—26088
LuF_3, up-conversion phosphor, prep. method 2—33321
Lu_2Fe_{17}, ferro-helimag. transition 2—26034
LuO radical, rot. and vibr. analysis 2—799
$LuPd_3$, mag. props. 2—19829
Luxemburg effect *see Electromagnetic wave propagation/ionosphere*
M-centres *see Colour centres*
M-regions *see Sun*
Mach's principal *see Relativity*
Mach number *see Aerodynamics; Shock waves; Supersonic flow*
Machines, electrical *see Electrical machines*
Macromolecules
see also Molecules/configuration and dimensions, macromolecules; Polymers; Proteins
adsorption from soln., conditions for form. of multilayers 2—35930
biological, mechanism of imaging in field ion microscope 2—15709
biological, water eliminated Fourier transform n.m.r. technique for p.m.r. studies 2—23474
biological materials, microwave dielectric and Hall effect measurements 2—26939
biomacromolecular system, microwave dielectric and Hall effect measurement 2—34286
biomolecular systems, elec. field effects 2—5998
borosilicate glass, dynamics technique for obs. of van der Waals forces 2—39028
cellulose derivatives, photoelasticity and glass transition temp. determ. 2—7047
chain, configuration-dependent properties, mathematical methods 2—15409
chain molecules optical anisotropy, matrix multiplication analysis 2—12296
chains, kinetics of cooperative transconformations, investigation using u.s. absorption meas. 2—21708
charged, mixtures in soln., quantitative analysis electrophoresis/light scattering technique 2—10636
DNA, bare composition dependence of hypochromism, low energy region 2—8839
DNA, computer synthesis and filtration of electron micrograph 2—9402
DNA, Fermi resonance of i.r. vibrations in NH_2 groups 2—28423
DNA, ferroelectricity, state of the art 2—13313
DNA, i.r. spectra, correlation between theoretical and obs. frequencies 2—21709
DNA, radiationless transition for a proton from H-bond 2—39015
DNA, scanning electron microscope study 2—8833
DNA, thermodynamics of growth, elementary biochemical explanation of instability, role of ATP 2—15411
DNA polymer type, intercalation interaction of small molecules 2—8842
DNA with incorporated 5-BUdR, effect on energy transfer from radiation pulse 2—30657
dynamic properties, quasielastic light scattering under optical microscope 2—34514
electric dichroism, transient, using simple spectrophotometer 2—5999

Macromolecules continued
electron energy loss, meas. using electron gun scanning microscope 2—8837
electron microscopy, fundamental limitations 2—3129
electron microscopy, high resolution, radiation damage, rel. to contrast 2—8836
electron microscopy, in situ damage 2—8838
electron microscopy, three dimensional image reconstruction 2—9416
flexible solutions, stress relaxation after shearing flow 2—24995
helical symmetry, computer image analysis of electron micrographs 2—9413
internal modes of motion in soln., quasielastic light scatt. obs. 2—15591
intramolecular pot. barriers in soln., u.s. absorpt. obs. 2—28800
linear, origin of internal viscosity 2—39013
Monte Carlo calc. of motions of flexible macromol. in presence of obstacles 2—35365
nonretarded van der Waals interaction between anisotropic long thin rods at all angles 2—35386
nucleoprotein, energy transfer between protein and DNA 2—26943
oligomers, phase transitions, small angle X-ray scattering 2—18907
one-dimensional, sound propag. 2—28421
paired DNA bases, optical excitation, proton states and transitions, calc. 2—35366
paramagnetism in macromolecules with conjugated C=C bonds 2—35362
polyconjugated systems, intermolecular interaction, supramolecular structure and paramagnetism 2—6001
proton-decoupled ^{13}C n.m.r. spectra, theory of nuclear Overhauser enhancement and ^{13}C-^1H dipolar relaxation 2—35363
Raman spectroscopy, in physiologically realistic conditions 2—15413
random motion, mechanical simulation, time dependence of diffusion of, single point 2—8831
riboflavin, electronic spectra, binary solvents influence 2—28870
tRNA, high resolution scanning electron microscopy 2—8834
rodlike, time-dependent shearing flow of dilute solutions 2—28798
semiflexible helices, mean square raius of gyration and end-to-end distance rel. to degree of polymerization 2—861
solutions, computerized meas. of viscoelasticity 2—25015
solutions, transient scatt. processes induced by pulsed fields 2—15621
structure from light scattering obs. 2—18537
suspensions, transient scatt. processes induced by pulsed fields 2—15621
symposium, Leiden, Netherlands, (September 1970) 2—15408
two-dimensional excluded volume chains, limiting distrib. of end-to-end distance 2—860
Madelung constant *see Solids/structure*
Maggi-Righi-Leduc effect *see Magnetothermal effects*
Magnesium
anharmonic properties, thermal expansion 2—19355
atom, collision with H^+ and He^+, two electron loss 2—5870
atom, collisions with He, He^+, selection rule for charge transfer 2—5891
atom, collisions with He and He^+, cross sections for electron capture and loss 2—5890
atom, electron impact ionization, cross section meas. from threshold to 200 eV 2—5819
atom, inelastic collisions with slow electrons, investigation of ionization and excitation using crossed beam technique 2—5818
atom, multiplet states and location of low lying autoionizing levels 2—11958
atom, normal config., non-orthogonal radial orbitals applic. 2—28175
atom, ns^2 shell, multiconfiguration approx. 2—18284
atom, oscillator strengths and singlet triplet splittings, core polarization corrections 2—31662
binding energy and lattice constants, pseudopotential calc. 2—40139
castings, study of NaCl and KCl inclusions by neutron radiography 2—12781
cold working, defect production and recovery, 77K, elec. resist. obs. 2—25411
Compton effect, anisotropy in Compton profile 2—4468
conduction electron spin resonance, effects of surface oxide and nitride layers 2—33335
creep structure, high temp., effect of MgO dispersion strengthening 2—25598
crystal growth of high-purity single crysts. 2—39582
crystal morphology, vapour grown cryst., scanning elec. microscope obs. 2—18983
crystal plasticity, tensile testing, 77-295K 2—29261
cyclotron resonance in field-normal geometry 2—19529
determination in pyrographite by neutron activation using alternating irradiation regimes method 2—40861
diffusion in Mg_2SiO_4 2—32566
diffusion of Ag, Cd, In, Sn and Sb impurities diffusion constants, anisotropies 2—6515
doublet, stellar spectra, from balloon borne u.v. stellar spectrophotometer 2—30470
elastic consts., third-order 2—3836
elastic consts. third-order 2—3837
electron irrad. damage, recovery and annealing 2—36012
electron transmission, energy distrib. of transmitted particles 2—36373
exoemission, spontaneous regeneration at metal-oxide interface 2—36622
Fermi surface, magnetoresist. study of open trajectories 2—32882
film, electromigration direction 2—36075
film, electron standing wave states, group rel., tunnelling meas. 2—22459
hardening, neutron irradiation, vacancy precipitation 2—19072
implantation, in GaAs, p-type layer production 2—22220
irradiation swelling, expt. test of quasi-chemical model 2—32489
lattice vibrations, normal-mode frequencies at 290K, meas. by slow neutron inelastic scatt. 2—6656
mechanical anisotropy 2—29255
nitrogenation kinetics, effect of N_2 purity 2—30050
nitrogenation with simultaneous metal sublimation 2—30051
photoionization, effect of two electron autoionizing levels on cross sections 2—8461
plasma production, laser beam irradiation of solid surface 2—21830
plastic deformation, role of slip and twinning 2—9679
pumping with submerged a.c. conduction pump 2—960
recharging target for recharging protons to give H^- beams 2—7900
self-diffusion, anisotropy 2—9623
solar corona abundance, det. from e.u.v. spectra 2—20692
solar energetic-particle events, composition, enrichment of very heavy nuclei 2—11082
stacking fault, twin and point defect energies, pair pot. calcs. 2—15747

Magnesium continued
stopping powers for fission fragment transmission 2—1446
work function and surface structure, calc. 2—39455
X-ray spectra, absorpt. in X-u.v. range 2—1702
X-ray spectra, high-energy satellites of $L_{2,3}$ emission bands 2—33299
yield stress, on neutron irradiation 2—36119
CuSe-Mg diode, rectifying properties studied under low frequency A.C. conditions 2—16249
GaP:Mg,O, luminescence 2—10421
$KMnF_3$:Mg, Neel temp. shift and e.p.r. linewidth 2—10508
LiF:Mg, solid soln. hardening, precip. hardening, work hardening, crit. resolved shear stress detm. 2—32705
LiF:Mg, work hardening, temp., glide vel., Mg conc. effects, Frank's theory 2—36208
LiF:Mg thermoluminescence, continuous trapping model 2—29971
Mg-O complex, in GaP, yellow-orange bound excitonic transition 2—36941
Mg I isoelectronic series, nondynamical pair correlation energies of various configuration 2—21512
Mg II absorption lines in HD45166 2—7430
Mg II λ4481 and He I λ4471 lines in rapidly rotating, early B-type stars, effects of gravity darkening 2—37292
Mg III, extended analysis of spectrum 2—5789
Mg VII and IX e.u.v. emission lines from Sun, 300-second oscillation 2—41223
Mg X, 2s→nf transitions, Coulomb-Born I cross sections 2—35151
Mg_2, in solid rare gas matrices, absorption spectrum, correlation of bands to $A^1\Sigma \leftarrow X^1\Sigma$ transition 2—8665
Mg_2 spectrum, Franck-Condon effect, calculations 2—8601
Mg^{2+} in LiF, influence on dislocation struct. parameters 2—9561
Mg^{5+}, outer shell multi configuration approx., energy matrix elements 2—28196
MgII and CaII, comparison between spectroheliograms 2—30606
MgO, irrad., trapping centres, TSC obs. 2—40281
^{24}Mg, abundance on surface of magnetic neutron stars 2—30477
Si:Mg, excitation spectra and piezospectroscopic effects of donors 2—10338

Magnesium compounds
alloy, cavity growth caused by flow, density and metallographic obs. 2—39788
alloy, residual resist., calc. by Srivastava-Sharma pseudopot. and Ashcroft pseudopot. 2—40177
aluminate, sintered, polycryst. props. rel. to monocryst. props. 2—22254
boracites, atomic displacements due to polarity changes 2—32465
chrysotile asbestos, microstruct., high resolution electron microscope obs. 2—3716
duralumin, deformation at 77K, resistivity decrease, effect of ageing 2—19543
ferrites, polycrystalline, meas. of Young, rigidity and bulk moduli at room temp. 2—36097
magnesia, effect on hot strength by silicate conditions 2—1310
metaphosphate glass, Mn^{2+} activated, excitation and emission spectra, conc. depend. 2—20105
oxide films, thermochemical props. at 2270 K 2—7161
periclase, dielectric props., effects of additives and densification 2—16260
β-Mg_2SiO_4, geometrical factors of crystal structure 2—6439
Ag_3Mg, long period ordered, plastic deformation, dislocation splitting 2—25501
Al-Mg-Li system, age hardening, precipitation 2—12954
Al-Mg-Si, alloy, split aged, internal friction obs. 2—29243
Al-Mg-Si alloy, inverse Portevin-Le Chatelier effect 2—32595
Al-Mg-Si alloy, precip., electron microscope obs. 2—25576
Al-Mg-Zn alloy, fatigue fracture, electron microscope obs. 2—9707
Al-Mg, alloy, model pseudopotential approach 2—36412
Al-Mg, alloy, rapidly solidified structures, effect of deposited metals on mechanical properties 2—3888
Al-Mg, deviations from Matthiessen's rule 2—16141
Al-Mg, plastically deformed, recovery and stacking fault energy, 77-500K 2—36112
Al-Mg alloy, containing 0.5wt% Ag, ageing and α-phase solubility 2—12955
Al-Mg alloy, convective mixing during solidification 2—28947
Al-Mg alloy, Guinier-Preston zones 2—9752
Al-Mg alloy, influence of alloying additions on fracture and mech. props. 2—12846
Al-Mg alloy, liquid, partial structure factors 2—6200
Al-Mg alloy, Portevin-LeChatelier effect, grain size influence 2—39774
Al-Mg alloy, thermopower, Nielsen-Taylor effect 2—22632
Al-Mg alloys, soft X-ray emission spectra, electronic struct. 2—26207
Al-Mg dil. alloys, elec. field gradients 2—1732
Al-2.8 at%Zn-1.4 at%Mg, alloy, neutron irrad. rel. to precip. and G.P.zones 2—29418
Al-9%Mg alloy, effects of additional elements, on ageing characts. 2—39904
Al-Mg(Mg_2Si) alloy, quenched, pre-precipitate formation and reversion 2—25590
Al-Zn-Mg, alloy, rapidly solidified structures, effect of deposited metals on mechanical properties 2—3888
Al-Zn-Mg alloy, ageing, transition phase, X-ray obs. 2—9753
Al-Zn-Mg alloy, crack initiation and growth subject to fatigue loading 2—32628
Al-Zn-Mg alloy, extruded, rel. between grain struct. and quench sensitivity 2—25589
Al-Zn-Mg alloy, notch toughness, Fe, Si content effect 2—12903
Al-Zn-Mg alloy, quenched, aged, metastable miscibility gap, small angle X-ray obs. 2—3981
Al-Zn-Mg alloy weld, notch toughness, Fe and Si content effect 2—12904
AlMg, alloy, crystallization, migrating plane phase interface, conc. distrib. 2—18877
AlMg alloy, work hardening, Portevin Le Chatelier effect, vacancies 2—15818
AlMg alloy, zone melting, crystallization, interface vel. 2—18882
AlMg dil. alloy, hardening, vacancy-solute atom interaction 2—15749
AlMgSi alloy, temper vacancy elimination, correl. with precipitation stages 2—15897
Al_2O_3:MgO, alumina, densification and grain size control 2—29444
Al_2O_3:MgO, initial sintering, effect of green density 2—36257
Al_2O_3:TiO_2, MgO, point of zero of charge, doping effects 2—40828
$Ba_{0.25}Mg_{2.75}Y_2Ge_3O_{12}$:$Nd^{3+}$, optical spectra and laser action 2—16616

Magnesium compounds continued
CaO-MgO-Al_2O_3-SiO_2 system, phase equilibria at akermanite-anorthite-forsterite join 2—39416
Cd-Mg alloys, plastic deform. 2—32608
$Ce_2Mg_3(NO_3)_{12}.12H_2O$ thermometry scheme, calibration below 1 K 2—20774
$La_2Mg_3(NO_3)_{12}$:Ce^{3+}, conc. depend. Orbach relax. rates 2—10266
$La_2Mg_3(NO_3)_{12}$:Ce^{3+}, phonon bottleneck and cross-relax. 2—10268
$La_2Mg_3(NO_3)_{12}$:Ni^{2+}, spin-lattice relax. and phonon bottleneck 2—10267
$La_2Mg_3(NO_3)_{12}$, e.p.r. of Pr^{3+}, spin lattice relax. 2—26080
$La_2Mg_3(NO_3)_{12}.24H_2O$, Nd- doped, spin-lattice relax. 2—10269
Mg-Ag alloy, serrated yielding 2—29260
Mg-Al-Zm, alloy, stress corrosion resistance, tensile props. microstruct. rel. to quenching conditions 2—12931
Mg-Al-Zn, alloy, precipitation, effect of Ag, correl. with stress corrosion behaviour 2—3951
Mg-Al, alloy, binary ordering, electrostatic and total energy calcs. 2—15713
Mg-Al, alloy, Portevin-Le- Chatelier effect, rel. to Ag conc. at high temps. 2—25493
0.12-1.86 at.%Mg-Al, alloy, single cryst., Portevin-Le Chatelier effect, influence of strain rate, modified Cottrell theory 2—6535
Mg-(8.6wt.%)Al alloy, transgranular stress corrosion cracking, deformation twinning 2—1309
Mg-Al alloy, plastically deform., elastic limit discontinuities 2—36104
Mg-Cd alloy, ordering process studied by electron microscopy 2—6437
Mg-Cd alloy, plastic deform., role of slip and twinning 2—9679
Mg-Cd molten alloys, structure, X-ray diffraction study 2—28789
Mg-Ce, intermetallic compound, struct., disordered substitutions, X-ray obs. 2—6452
Mg-Co-Ni 9-layer Laves phase, composition and lattice constants determ. by single crystal and powder X-ray diffraction 2—39645
Mg-Cu-Al alloy, enthalpies of form., Laves phases binding conditions 2—29475
Mg-Cu-Ni-Si alloy, age hardening behaviour rel. to cold working 2—32706
Mg-Cu-Sn alloy, enthalpies of form., Laves phases binding conditions 2—29475
Mg-Cu-Zn 9-layer Laves phase, composition and lattice constants determ. by single crystal and powder X-ray diffraction 2—39645
Mg-Cu-Zn alloy, enthalpies of form., Lave phases binding conditions 2—29475
Mg-Gd dil. alloy, effective exchange integral sign 2—16646
Mg-In, alloy, order disorder transformation study 2—4010
Mg-Li-Zn 9-layer Laves phase, composition and lattice constants determ. by single crystal and powder X-ray diffraction 2—39645
Mg-Li alloy, binary ordering, electrostatic and total energy calcs. 2—15713
Mg-Mischmetal alloys, metallographic prep. 2—12974
Mg-Mn dil. alloys, e.p.r., relax. bottleneck, transition to antiferromag. reson. 2—40761
Mg-Mn ferrite, stripe domains, magneto- optical obs. 2—10310
Mg-Mn ferrite, White Line obs. at K-absorp. edge of Mn 2—40705
Mg-Zn alloy, strength in various ageing states, mechanism of precipitation hardening 2—6599
Mg alloy, edge cracked plate, fatigue test 2—19201
Mg bronze, diffusion phenomena rel. to thermal treatment 2—9624
Mg complex, $Cr_2O_7Mg.2[(CH_2)_6N_4].6H_2O$, X-ray study of structure 2—781
Mg complex, tetrabenzoporphine, quasilinear phosphorescence, fluorescence and absorption spectra 2—4486
Mg complexes, Mg phthalocyanine, relaxation mechanisms from excited singlet states, spin-orbit coupling effects 2—35279
Mg nl crystal, e.s.r. study of ^{17}O hyperfine interaction of V_f center 2—13528
$MgAl_2O_4$, crazing, etch rate, deterioration, in H_2 2—3497
$MgAl_2O_4$, spinel, chemical polishing 2—1201
$MgAl_2O_4$ and $MgAl_2O_4$-$CaZrO_4$, fracture energy determ. 2—29317
$MgAl_2O_4$ single crystal growth, flux method 2—15691
$Mg_2Al_4Si_5O_{18}.nH_2O$, low temperature form, ^{1}H and ^{27}Al n.m.r. investigations 2—30019
$MgBr_2$, optical absorp. in vicinity of Mg L-shell transition 2—33268
$MgBrO_3.6H_2O$, γ-irradiated, free radicals, e.p.r., g-factors 2—10517
$MgCO_3$-$NiCO_3$ system, crystal chemistry, stability relations 2—12999
$Mg_xCd_{1-x}Fe_2O_4$, struct. and mag. props., comp. depend. 2—1639
MgCl, in aqueous phosphate solutions, ^{25}Mg n.m.r. 2—28897
$MgCl_2$, crystalline and molten, Raman spectra phonon frequencies, residual lattice bands 2—20073
$MgCl_2$, optical absorp. in vicinity of Mg L-shell transition 2—33268
$MgCr_2O_4$, structural distortion due to siting of Cr^{3+} ion 2—6438
MgF_2, e.p.r. and ENDOR, F-centres 2—19128
MgF_2, e.p.r. and optical absorpt., F-centres 2—19129
MgF_2, electron induced luminesc. meas. 2—33325
MgF_2, evap. quarterwave coating, ruby laser damage threshold 2—27636
MgF_2, extreme u.v. spectra, extinction coeffs., interband transitions 2—33242
MgF_2, irrad., phys., elec., opt. props., damage obs. 2—1237
MgF_2, optical absorp. in vicinity of Mg L-shell transition 2—33268
MgF_2, radiation damage processes, review 2—19076
MgF_2, with MgF_2 and LiF overcoating, effect of deposition rate, substrate temp. and aging on v.u.v. reflectance 2—34434
MgF_2 film, in anti-reflection coating, one shot laser damage threshold 2—27637
MgF_2 film, struct., rel. to sorption behaviour 2—9291
MgF_2 film, surface potential, in presence of Malter emission 2—29777
MgF_2 film thickness monitoring on Al by reflectance measurements 2—1172
MgF_2 film thickness monitoring on Al by reflectance measurements 2—1172
MgF_2 on Al, effects on Al surface roughness, reflectance obs. in surface plasmon excitation region 2—16464
$MgFe_{2-x}Ga_xO_4$ solid solution, struct. and mag. props., comp. depend. 2—19866
$MgFe_2O_4$, elec. and mag. props., effect of Ln^{3+} substituion 2—13412
$MgFe_2O_4$, precip. strengthening of MgO 2—29402
$MgFe_2O_4$, spinel, relaxation of electrical conductivity 2—19533
$MgFe_2O_4$ film, cation ordering, electron diffr. obs. 2—29146
$MgFe_2O_4$ form. in MgO-Fe_2O_3 powders, rate consts. 2—1378
$Mg_{0.993}Fe_{2.007}O_4$, kinetics of cation ordering 2—15985
$Mg_xFe_{3-x}O_4$, containing antiferromag. precip., rotational hysteresis 2—22693

Magnesium compounds continued
$Mg_xFe_{3-x}O_{4\|y}$, mag. anisotropy, Fe^{2+}ion conc. depend. 2—1601
$Mg_2Fe_2TiO_4$, magnetic field self reversal due to interaction with Fe_3O_4 2—30381
$Mg(Ga,Al)_2O_4:Mn^{2+}$ phosphor for xerographic lamps 2—11524
Mg_2Ge, band struct., refl. spectra study 2—26146
Mg_2Ge, thermal cond., two mode anal. 2—40093
$Mg_{28}Ge_{7.5}O_{38}F_{10}$, defect clusters, X-ray diffr. 2—25336
MgIn, effect of twinning on particle size, calc. 2—3950
$MgMn_{1.9}Fe_{0.1}O_4$, Jahn-Teller distortion, Mossbauer obs. 2—36829
$Mg_{0.7}Mn_{0.8}Fe_{1.6}O_4$ ferrite, square-loop, X-ray diffraction intensities ionic distribution, u-parameters 2—29147
$Mg_xMn_yFe_{3-x-y}O_{4\|y}$, swelling during sintering 2—36258
$Mg_wMn_xFe_ySc_zO_4$, lattice consts. and saturation magnetization 2—36751
$MgMn_2O_4$ spinel, e.p.r. line narrowing rel. to Mn_2O_3 2—30012
Mg_3N_2, cryst. struct., cell parameters, space group 2—15725
Mg_3N_2 surface layer on Mg, effect on cond. elec. spin resonance 2—33335
$Mg(NH_4)_2(PO_3OH)_2.4H_2O$, cryst. struct. 2—35993
$MgNb_2O_6$, i.r. absorpt. spectra, cryst. chem. 2—10396
$MgNb_2O_6$, i.r. absorpt. spectra, cryst. chem. 2—10396
$MgNi_2$-$MgZn_2$, alloy, stacking variants rel. to electronic struct. 2—32464
$MgO:Ca^{2+}$, Raman spectra, first order, impurity induced lattice vibrs. 2—16555
$MgO:Cr^{3+}$, Raman relax. rates of Cr^{3+}, Debye model of phonons 2—40044
$MgO:Fe^{2+}$, ballistic heat pulse scatt. by resonant spins, phonon freq. distrib. 2—13027
$MgO:Fe^{2+}$, sp. ht., spin-phonon interaction contrib. 2—6676
$MgO:Mn^{2+}$, e.p.r., exchange striction 2—20146
MgO:Ni, mag. circular dichroism, vibr. induced $d \to d$ transitions 2—22773
MgO:Ni, paramag. cryst., phonon avalanche, Brillouin scatt. 2—16018
MgO:Ni,Fe,Co, and fibre reinforced, strength, fracture toughness 2—39814
$MgO:Ni^{2+}$, Raman relax. rates of Ni^{2+}, Debye model of phonons 2—40044
$MgO:{}^{17}O$, cryst. growth, flux evaporation 2—18984
$MgO:Rh^{2+}(Pd^{3+})$, Jahn-Teller effect, e.s.r. obs. 2—7121
$MgO:V^{2+}$, Cr^{3+}, evidence for large amplitude localised vibrations from e.p.r. relaxation 2—30004
$MgO:V^{3+}$, dynamical Jahn-Teller effects 2—20147
MgO-Ag cold cathode, self-sustained emission stability 2—25975
MgO-Ag cold cathode, self sustained emission 2—25974
MgO-Al_2O_3-SiO_2 system, cordierite glass crystallization, i.r. reflection, D.T.A. 2—1155
MgO-Al_2O_3 spinel, reaction with CaO 2—37030
MgO-CaO-B_2O-SiO_2, refractory system, solid-liq. relationships at 1550°C, compatibility relationship diagrams 2—32305
MgO-Fe-Ni, fracture props., precip. effects 2—39842
MgO-Fe_2O_3-SiO_2 system, triangular phase diagram 2—29494
MgO-Fe_2O_3, powder mixture, ferrite form. 2—1378
MgO-$MgFe_2O_4$, fracture props., precip. effects 2—39842
MgO-Mn(Ni)O solid solns., e.p.r. lineshape evolution 2—1728
MgO-TeO_2-V_2O_5 glass, variation of pysical props. and chemical stability with composition 2—6292
MgO, absorpt. of electron wave fields, temp. depend. 2—6440
MgO, adhesion of metal films, tangential shear meas. 2—3977
MgO, and MgO-Fe_2O_3, solid solns., grain size distrib. and grain growth, calc. 2—29446
MgO, anharmonicity of crysts. heated by intense i.r. radiation 2—19345
MgO, atmospheric search 2—13732
MgO, ceramic, pulse electric strength, microstructure effects 2—13307
MgO, channelling, MeV protons and He^+ ions 2—3754
MgO, cleaving in electron microscope 2—25309
MgO, containing LiF, cold-pressed, temp. depend. of elec. cond. 2—36210
MgO, Debye-Waller B-values, interionic interaction model 2—22404
MgO, diffusion of Ba^{2+} and Sr^{2+}, short circuit mechanisms 2—3823
MgO, diffusion of Ni and Ba, up to 2500°C, enthalpy of motion detn. 2—25469
MgO, dispersed in Mg, effect on high temp. creep struct. 2—25598
MgO, electrical cond., rel. to oxygen press., 500 to 1800 K 2—1563
MgO, extreme u.v. spectra, extinction coeffs., interband transitions 2—33242
MgO, F_r-centre, singlet-triplet splitting 2—16410
MgO, high temp. fatigue fracture initiation mechanism 2—29302
MgO, i.r. reflectance, reliability of classical dispersion analysis 2—20003
MgO, immersed in N,N- dimethylformamide and dimethylsulphoxide, Rebinder effect 2—39699
MgO, iterative calc. by perturbation of configuration interaction for fundamental and first excited states 2—35263
MgO, LCAO MO SCF calculation of electronic states obs. in spectrum 2—8664
MgO, lattice thermal conductivity 2—19447
MgO, low temp. thermal cond., neutron irrad. effects 2—29566
MgO, phonon dispersion curves 2—19350
MgO, pipe diffusion of prismatic dislocation loops 2—32523
MgO, plastic deformation, annealing, dislocation loops 2—32524
MgO, polycrystal, elastic constants, u.s obs., related to single crystal props. 2—12820
MgO, precip. strengthening by $MgFe_2O_4$ 2—29402
MgO, press forging, deformation, recrystallization, strength fracture 2—36249
MgO, radiation damage processes, review 2—19076
MgO, rosette motion and string scatt. of 20 MeV electrons 2—29576
MgO, sintered, polycryst. props. rel. to monocryst. props. 2—22254
MgO, small cryst., i.r. absorpt., lattice dynamical calc. 2—40034
MgO, small cryst., i.r. absorpt., anharmonicity and particle density effects 2—40033
MgO, thermal vibration amplitude at 2100C, X-ray diffr. obs. 2—36320
MgO, transport number exam., rel. to oxygen pressure, low oxygen potential, 900 to 1180°C 2—4274
MgO, with 1% LiF, packing kinetics, hot- pressing temp. effects 2—36209
MgO, with abnormal phonon distrib., i.r. refl. spectra 2—26142
MgO crystal wedge, structure potential determ. from dynamical interactions of electron waves in crystal 2—29118
MgO film, evaporated, refractive indices and absorptance in 0.22 to 8 μm wavelength range 2—34476
MgO lattice dynamics, rigid ion model limitations 2—40017
MgO microcryst., compressive strength 2—9689
MgO plate, wetting by molten Fe 2—3496
MgO single crystals, e.s.r. 4d and 5d ions 2—4542
MgO single crystals, suitability as filters for high intensity neutron beams 2—15029
MgO surface layer on Mg, effect on cond. elec. spin resonance 2—33335
$Mg(OH)_2$, brucite, growth at high temp. and press. 2—1215
$MgO+O_2$, O_3- formation, verification by e.p.r. study 2—26263
$MgO.Al_2O_3.xSiO_2$, high quartz phase, growth from glass, X-ray obs. 2—9477
Mg_3P_2 powder, ${}^{31}P$ n.m.r. chemical shielding anisotropy at 99.4 MHz 2—10561
Mg_2Pb, band struct., refl. spectra study 2—26146
Mg_2Pb, elastic consts. 2—36094
Mg_2Pb, heat capacity, lattice heat capacity, thermodynamic functions. Debye temp., temp. range 5-300K 2—4066
Mg_2Pb, lattice dynamics 2—25664
Mg_6Pd, cryst. struct. 2—32463
Mg_6Pd, space group and lattice parameters 2—3720
MgS, crystal growth from vapour phase, equilib. press. 2—3574
$MgSO_4.7H_2O$, effects of diffusion, surface growth resistance and particle solubility on crystal growth 2—35947
MgSe, formed in CuSe-Mg diode, determ. ionic conductivity at room temperature 2—16249
Mg_2Se, elastic consts. 2—36094
Mg_2Si, band struct., refl. spectra study 2—26146
Mg_2Si, elastic consts. 2—36094
Mg_2Si, Si L-emission spectra 2—20086
Mg_2Si, thermal cond., two mode anal. 2—40093
$MgSiF_6.6H_2O$, ${}^1H$ and ${}^{19}F$ nuclear spin lattice relaxation study and internal rotations 2—10577
$MgSiF_6.6H_2O$, internal motions, n.m.r. obs., 90-400K 2—40780
Mg_2SiO_4:Tb, OH, thermoluminesc., OH anion effects, illumination effects 2—29978
$MgSiO_3$, adsorption of Ar and pyridine rel. to hydrothermal treatment 2—3562
Mg_2SiO_2, forsterite, vibr. modes, Raman spectra 2—22411
Mg_2SiO_4, diffusion of Mg 2—32566
$Mg_2SiS_4:Eu^{2+}$, cathodoluminescence 2—10451
Mg_2Sn 2—26146
Mg_2Sn, elastic consts. 2—36094
Mg_2Sn, thermal cond., two mode anal. 2—40093
MgTe, e.s.r. of Mn^{2+}, cryst. field parameters 2—13541
MgUO, U-O lattice vibrations 2—40680
MgV_2O_4-Fe_3O_4, activity of components and free energy of mixing 2—1371
$MgWO_4$ e.p.r., radiative paramag. defects 2—13534
Mg_2X, X=Si, Ge, Sn, Pb, resonant scatt. by F_{2g}-type phonons 2—20074
Mg_2X, X=Si, Ge, Sn, Pb, resonant scatt. by F_{1u} type phonons 2—20075
$MgZn_2$, electronic struct. and phonon spectrum 2—16108
$MgZn_2$, phonon spectra and neutron scatt. cross section, calc. 2—22402
$Mg_3[B_{11}O_{14}(OH)_8HO_2]$, preobrazhenskite, cryst. struct. 2—19055
Mn-Zn, alloy, age hardened, grain size, dependence of yield stress and flow stress 2—6546
Mn complex, magnesium phthalocyanine in α-chloronaphthalene, obs. of fluorescence from high vibr. levels of electronic excited states 2—18385
$Mn_{1.88}Cr_{0.12}Sb$, obs. of acoustical branch of magnon dispersion relation 2—22699
$MnO:Mn^{2+}$ powder, e.p.r., defect effects 2—6479
Ni-Al_2O_3-Mg alloy, Al_2O_3 particle coarsening 2—32743
NiO-MgO-Fe_2O_3 system, Curie point and cryst. struct. 2—1414
NiO-MgO, solid soln., thermodynamic properties 2—4061
Rh_7Mg_{44}, crystal structure determ. by X-ray diffraction 2—29151
Zn-Cu-Mg system, phase diagram, DTA, electron microprobe analysis 2—40013
Zn-Mg-Al system, constitution, metallography, magnetothermal and X-ray obs. 2—4025
Zn-Mg dilute alloy, ageing characteristics 2—29405

Magnetic amplifiers *see Amplifiers; Magnetic devices*

Magnetic anisotropy
acetylene molecule, diamagnetic susceptibility calc. by MO wavefunctions, anisotropies deduced 2—35317
automatic magnetometer for investigating film parameters 2—27402
cubic materials with induced anisotropies, crystallographic considerations for bubble devices 2—36734
ferrite, polycrystalline, ferromagnetic resonance 2—26254
ferrites, effect on resonant fields, of magnetostatic modes of precession 2—26025
ferrites, induced, method for obs. 2—10225
ferrocene, chem. bonding study 2—36660
ferromagnet, due to nonsphericity of pores and inclusions 2—40451
ferromagnet, polyaxial, domain dispersion 2—26028
ferromagnet, shock-induced anisotropy, demagnetiz., domain theory analysis 2—36706
ferromagnet, shock-induced anisotropy, demagnetiz., mag. grain interaction 2—33130
ferromagnetic film, texture and internal stress effects on perpendicular anisotropy 2—6982
ferromagnetic film, uniaxial anisotropy field meas. 2—10220
ferromagnetic plate, infinite, effect on spin wave modes 2—40740
film, magnetic texture, determ. by galvanomag. effect meas. 2—16334
films, thin, cyclic magnetization reversal spectra 2—26047
garnet, growth induced noncubic anisotropy 2—10285
garnet, growth-induced anisotropy, theory 2—13372
garnet, growth-induced noncubic anisotropy 2—36732
garnet, growth-induced noncubic anisotropy rel. to bubble applic. 2—36731
garnet, induced uniaxial anisotropy rel. to Fe^{2+} diffusion 2—39731
garnet epitaxial film, growth induced 2—19904
induced, calc. by means of Boltzmann statistics 2—40396
layer-type magnets, weakly anisotropy, transition temps. rel. to anisotropy 2—22682
nematic liquid cryst., direct determ. 2—32232
optical effects of interband transitions 2—16478
organic aromatic crysts., refr. indexes, optical anisotropies rel. to mag. anisotropy 2—33206
ortho-ferrites, rare earth, Neel point and paramag. region 2—1638
Permalloy, thermomag. treated, magnetostriction. field depend., plane anisotropy 2—16377
permalloy film, magnetization reversal 2—19891
Permalloy thin films, observation in local regions by Lorentz microscopy 2—13409
Perminvar effect, domain wall effect on hysteresis loop shape 2—4356

Magnetic anisotropy continued
plated wire memories, internal and external stress sources 2—1619
pyrocarbons, boron doped, diamag. anisotropy during graphitization 2—3984
rare earth compounds, effects of high pressure on meas. 2—5100
rare earth Fe garnet, control 2—25417
rare earth garnets, growth-induced anisotropy, sign and magnitude 2—4363
rare earth iron garnets, control by Co^{3+} addition 2—22692
rare earth iron garnets, growth-induced anisotropy 2—40530
rare earth iron garnets, noncubic anisotropy mechanism 2—10202
rare earth metals, zero-point energy effect 2—40452
rare-earth elements, alloys and compounds 2—25987
rate earths, exchange interaction contrib. 2—33108
$Sr^{2+}Ni_{2-y}Co_yFe_{16}O_{27}$, hexiferrite, anisotropy energy, 75-750 K 2—36740
thin films, uniaxial anisotropy directions, nondestructive method 2—1618
titanomagnetites, exchange anisotropy 2—41017
uniaxial, instantaneous meas. by rotating field magnetometer 2—27403
ytterbium ethylsulphate, calc. from cryst. field parameters 2—36794
ytterbium iron garnet, ferrimagnetic, effects on field induced phase transitions 2—16387
Au-Cr alloy, mag. torque obs. 2—26032
$Ba^{2+}Ni_{2-y}Co_yFe_{16}O_{27}$, hexiferrite, anisotropy energy, 75-750 K 2—36740
$BaSc_xFe_{12-x}O_{19}$, 73 and 293K 2—29828
Co, powder, aerosol, partial hysteresis cycles 2—16376
Co^{2+}, in octahedral environment, rel. to lattice-ion interactions 2—7018
$Cs_2MnBr_4.2H_2O$, transition exchange and anisotropy fields from spin flop and saturation fields 2—29834
Cu complex, $(C_2H_5NH_3)_2CuCl_4$, ferromag. layers coupled by very weak antiferromag. interaction 2—22683
Cu complex, $Cu(C_nH_{2n\|1}NH_3)_2X_4$, X=Br, Cl, near two dimensional Heisenberg ferromagnet 2—16373
Cu complex $(C_2H_5NH_3)_2CuCl_4$, static torque meas. 2—22704
Cu(II) complex, mixed ligand chelate 2—36668
Cu_2MnAl single crystals, 77 to 300 K, obs. 2—40453
Cu_2MnSn single crystals, 77 to 300 K, obs. 2—40453
$Dy_xR_{1-x}Fe_2$, R=Tb, Er, Tm, Mossbauer obs. 2—26123
Er-Dy(Ho)(Tb)(Gd) alloys, mag. struct., neutron diffr., 4.2-293k 2—26024
$Er_2EuGa_{0.7}Al_{0.7}Fe_{3.6}O_{12}$ films, growth-induced anisotropy, temp. depend. 2—40523
ErFe, garnet, uniaxial anisotropy 2—10228
EuO(S)(Se), dipolar contrib. to anisotropy energy 2—36704
EuSe, new antiferromag. phase below 1.8K 2—16396
$Eu_xY_{3-x}Fe_{5-y}Ga_yO_{12}$ epitaxial films, uniaxial anisotropy 2—36743
Fe-Al alloy, disordered, induced uniaxial 2—4373
Fe-Ni-P film, induced by 1200 Oe field 2—36725
Fe-Ni alloy, film, induced 2—26050
Fe-Ni alloy, quenched-in vacancy obs. 2—39679
Fe-Ni film, electrodeposited, perpendicular anisotropy 2—36723
Fe-Pd epitaxial film 2—36724
$(Fe,Mn)WO_4$, natural crystals, meas. between 90 and 700K 2—6945
Fe rich binary alloys, relation between magnetic viscosity field and induced anisotropy energy 2—36705
FeCo, and ordering, equilib. state vs. temp. 2—22679
$Fe(NH_4)_2\ (SO_4)_2.6H_2O$, sign of molecular anisotropy and electronic structure determ. from meas. of anisotropy and principal susceptibilities 2—28290
$(1\text{-}x)Fe_2O_3\text{-}x\ Al_2O_3$, hematite, rel.to mag. dilution effects on Morin phase transition 2—19915
α-Fe_2O_3, antiferromag. haematite, field induced phase transitions 2—13418
Fe_2O_3, haematite, single-domain crysts., polyaxial nature 2—36769
αFe_2O_3 fine particles, magnetic properties 2—16375
$Fe(OH)_2$, dehydration, haematite transformation, Mossbauer and i.r. spectra 2—22862
$Gd_3Fe_5O_{12}$:Si, uniaxial anisotropy assoc. with Si^{4+} impurities 2—10229
HCN molecule, diamagnetic susceptibility calc. by MO wavefunctions, anisotropies deduced 2—35317
Ho-Dy alloy, mag. struct., neutron diffr., 4.2-293k 2—26024
Ho-Er alloy, magnetiz. obs. 2—40482
Ho, prediction of possible new intermediate spin ordering 2—19871
$Ho_xR_{1-x}Fe_2$, R=Tb, Er, Tm, Mossbauer obs. 2—26123
$Ho_xTb_{1-x}Fe_2$ cubic Laves compounds, directions of easy magnetization determ. by Mossbauer effect in ^{57}Fe 2—19916
K_2NiF_4, antiferromag. reson. study 2—36974
$LiYF_4$:Er^{3+}, temp. depend., determ. from cryst. field parameters 2—40421
$Mg_xFe_{3-x}O_{4\|y}$, Fe^{2+}ion conc. depend. 2—1601
$Mn_xFe_{3-x}O_4$, down to liq. He temps., meas. by torque method 2—4397
$Mn_xFe_{(3-x)}O_4$ magnetocrystalline and heat induced 2—1616
$Mn_2Ge_ySb_{1-y}$, temp. and comp. depend., 77-500 K 2—6970
$Mn_{1\|x}Sn$, polycryst., ferromag. resonance obs. 2—10469
$Nd_3Sc_{1.35}Fe_{3.65}O_{12}$ garnet, anisotropy of magnetization at low temperatures 2—10201
Ni-Co(Cu)(Fe) dil. alloys, anisotropy energy 2—16369
Ni-Fe films, rel. to struct. 2—36728
Ni-Mn-Fe alloy, magnetostriction, permeability 2—40455
Ni-Mn alloy, magnetostriction 2—40454
Ni, electrolytic in magnetoelastic damping, in magnetic field 2—4379
Ni, energy press. depend. 2—6971
Ni, plastically deformed, anisotropy of coercivity, susceptibility and magnetiz. 2—40450
Ni, powder, aerosol, partial hysteresis cycles 2—16376
Ni dilute alloy, magnetic anisotropy energy, temp. and impurities effect 2—19872
$NiCl_2.6H_2O$, above and below T_n, mag. torque meas. 2—22711
$Ni_xFe_{3-x}O_{4\|y}$, Fe^{2+}ion conc. depend 2—1601
Ni(II) complex, isopropylsalicylaldimine 2—36661
$Ni_{0.5}Zn_{0.5}Fe_2O_4$, effect of CoO addition 2—29830
Sc and dil. alloys, temp. depend. 2—40420
$ScVO_4$:Er^{3+}, temp. depend., determ. from cryst. field parameters 2—40421
$SrMoO_4$:Er^{3+}, temp. depend., determ. from cryst. field parameters 2—40421
$TbAsO_4$, low temp. phase, resulting in $\pi/2$ periodicity of magnetization 2—10172
Tc, temp. depend. 2—40420
USe, low temp. mag. props., 2.8-300K 2—26072
VAu_4, rel. to order-disorder transformation 2—19886
YAG:Er^{3+}, calc. from cryst. field parameters 2—36794
$Y_{2\|x}Co_{17-2x}$, comp. depend. 2—40458
$YFeO_3$, torque curve obs. in pulsed mag. fields 2—6997

Magnetic anisotropy continued
$Y_2GdFe_{4.2}Al_{0.8}O_{12}$, growth-induced anisotropy, microscopic theory 2—40533
YIG:Si, polarization-depend. photoinduced effects 2—26116
YIG, effects on standing spin waves 2—13387
YIG, growth-induced anisotropy 2—40532
YIG, shock-induced anisotropy, demagnetiz., mag. grain interaction 2—33130
YIG, shock-induced anisotropy, demagnetiz., domain theory analysis 2—36706
YIG films, Ga-substituted, annealing effects 2—36752
YPO_4:Er^{3+}, temp. depend., determ. from cryst. field parameters 2—40421
YVO_4:Er^{3+}, temp. depend., determ. from cryst. field parameters 2—40421
$Zn_xFe_{3-x}O_{4\|y}$ ferrites, with and without Co impurity, evidence for anisotropy induced near 100°C 2—26053

Magnetic bays *see Earth/magnetic field, variations; Magnetic storms*

Magnetic bottles *see Magnetic fields; Plasma/confinement*

Magnetic cooling
adiabatic magnetization of salt with linear spin chains 2—10166
low temperature heat pipe used as thermal switch 2—20772
nuclear magnetic ordering production and obs. 2—6991
yttrium ethyl sulphate, ytterbium doped, proton polarization 2—19948
yttrium ethylsulphate: Dy(Yb), proton polarization by rot. cooling at T<1K 2—29846
$Ce_2Mg_3(NO_3)_{12}.12H_2O$ thermometry scheme, calibration below 1 K 2—20774
^{3}He cryostat for nuclear orientation by adiabatic demagnetization with superconducting solenoid 2—30720
^{3}He solid, by adiabatic demagnetization 2—39412
$Na_3[Ce(C_7H_3NO_4)_3]\ .15H_2O$ complex, low temperature production 2—13385

Magnetic devices
beta-ray spectrometer, influence of pole piece material on performance 2—14749
bubble, garnet film and substrate growth 2—35875
chevron/bubble mass memory 2—34308
deflection system, fringing fields correction, design method 2—17535
fatigue failure testing, small scale, oscillation, teaching and research 2—1311
ferrite memory core, fast flux reversal by perpendicular static field 2—29825
field compensation device for calibrating gauges of weak constant magnetic fields 2—21018
hydromagnets with independent excitation 2—951
loudspeaker magnet assembly calculation, computer program 2—2341
magnetism working group meeting, Salzburg, Austria March (1971) 2—4350
magnetometer, fluxgate, advances and applications 2—23510
magnetometer, resonance, principles and operations, review 2—23509
magnetometer for relative measurements using Hall pickups, electromagnets 2—34300
magnetometers, thin film, review 2—23508
microstrip, magnetic substrates, design theory 2—23455
microstrip on ferrite, garnet substrates, e.m. propagation 2—27358
polarizer for magnetization of the fluid in n.m.r. 2—23473
pseudodiamagnetic suspension apparatus 2—27412
recording balance, for very heavy loads, magnetically supported moving system 2—17172
recording head, Mn-Zn ferrite, grain size effects on noise 2—10224
recording heads, efficiency analysis 2—7832
screen for 240 cm. isochronous cyclotron 2—21345
solenoids, water cooled, for obtaining constant mag. fields of 100-200 kOe 2—17534
superconducting quantum magnetometer, design and operation 2—23507
suspension system for high speed ground transport, optimization 2—2343
tapes, alignment fluctuations, continuous monitoring 2—239
thermomagneto-optical memory in regions with modified mag. struct. 2—1620
toroidal tape core, flux reduction and Block wall props., during stepwise magnetization reversal 2—26023
Au-Cu composite surface, Au layer struct., props., rel. to plated wire memory props. 2—22689

Magnetic domains *see Domains*

Magnetic field measurement
advances, review 2—23506
apparatus for study of fields as function of position, comparison of fields produced by different coils 2—37883
automatic calibrator for e.p.r. spectrometer 2—34264
beam absorption filter for solar obs. 2—11180
by bimagnetic rotation of colloidal graphite 2—7996
in coaxial plasma accelerators, by neutral and charged particle beams 2—35550
current carrying wires, undergraduate laboratory experiment 2—33841
e.p.r. spectroscopy, improved accuracy using Hall probe 2—27369
ferromagnetic film, magnetometers, review 2—23508
ferromagnetic thin film magnetometer, patent 2—17530
ferroprobes with longitudinal excitation over wide intensity range 2—23514
fluxgate magnetometry, advances and applications 2—23510
f.m. n.m.r. spectrometer for meas. of internal fields 2—17495
by Hall e.m.f. transducers, at liquid He temps. 2—234
Hall magnetometer, accuracy, sources of error 2—2340
intensity meter, with improved signal-to-noise ratio for n.m.r. signals recording 2—17503
internal, with n.m.r. spectrometer frequency modulated, with Robinson-type oscillator 2—2319
ionosphere, sporadic E-region, vector magnetometer measurements of ionospheric currents, rocket observations 2—4739
irregularities, operation of ferroprobes with low core permeability and weak exciting fields 2—27407
Josephson junction magnetometer, magnetocardiography applic. 2—34305
l.f., by Josephson effect devices 2—29647
lines of force determination in axisymmetric fields 2—23511
magnetograph, 40-channel, for photospheric fields obs. 2—14019
magnetograph, digitized filter, optics and electronics 2—11178
magnetograph, solar, based on high resolution filter 2—11174
magnetometer, astatic, using new magnet material 2—30983
magnetometer, ferrite core flux gate, long term stability 2—235

Magnetic field measurement continued
magnetometer, pendulum-type, automatic recording, 4-273K 2—23502
magnetometer, static, vertical, applic. to mag. props. of Co film 2—27405
magnetometer, vibrating sample for use with superconducting magnet 2—2339
magnetometer for det. of martensite conc. in type 304 stainless steel for prediction of failure at low temps. 2—39977
magnetometer for relative measurements using Hall pickups, electromagnets 2—34300
magnetometers, astatic, using negative feedback, for paleomagnetic obs. 2—26560
magnetometers, Fabry-Perot, pressure scanning 2—7828
magnetometers, for geomag. field determination of latitudinal region of operation 2—13793
measurement of normal component in 2 or 3 component mag. field, rectangular Hall probe 2—14370
model magnet, 20 cms, for 176 cm SF cyclotron, focusing and isochronism dependence on spiral shim valley and hill gap 2—38396
multipole admixture det. in quadrupole fields using Hall probe 2—11433
normal field along T profile, polynomial approximation 2—13790
oscillators, audio-frequency, measurement of magnetization 2—11432
piezoinductive magnetic-induction meter, variable sinusoidal fields 2—34304
plasma, laser dispersion 2—32034
in plasma, using charged particle beams 2—8959
proton magnetometer for automatic geomagnetic meas. 2—34302
proton magnetometer for field programming and plotting 2—21000
remanent magnetisation measurements, slow spinner magnetometer with digital computer 2—13805
resonance magnetometers, principles and operations, review 2—23509
in ring electromagnet of proton synchrotron, equipment 2—21343
scanning electron microscopy, dynamic obs. of contrast 2—7825
solar, methods, review 2—11028
solar magnetic variation, magnetograph results, formation of absorption lines 2—11054
solar quiescent prominences, longtitudinal component 2—11128
solar small-scale mag. field configurations and Hα structures 2—11033
SQUID, broadband supercond. quantum magnetometer 2—40218
Stokes parameters, dependence on line formation 2—7826
in storage ring Adone, field integral measurement by electromagnetic balance 2—2657
Sun, magnetograph obs. of the 5-min. oscillations, interference effects 2—17073
superconducting double point contact magnetometer, construction, with Cu filled hole 2—27408
superconducting magnetometer, sensitive, 10^{-9} gauss 2—4176
superconducting point contact weak link as magnetometer 2—1500
superconducting quantum magnetometer, design and operation 2—23507
Tokamak plasma, direction, det. using laser light scattering 2—32022
uniaxial mag. anisotropy, instantaneous meas. by rotating field magnetometer 2—27403
vibrating sample magnetometer at ^{3}He temps. in high magnetic fields 2—21016
videomagnetograms, digital, in real time 2—7827

Magnetic fields
see also Earth/magnetic field; Electromagnetic fields; Interplanetary magnetic fields; Sun/magnetism
astronomical aspects, review 2—26584
auroral, obs. of field aligned particle currents 2—16887
axisymmetric, representation in computer programs 2—7824
beam-plasma systems, dispersion 2—999
boundary value problems for free fields in rotationally symmetric case 2—23504
calculation, analytical solns. of integrals used 2—14300
compression, by cylindrical shell of const. conductivity 2—5321
configurations and changes, digital videomagnetograms in real time 2—7827
confined, structure of transition layer with cold plasma, model 2—995
constant, from 100-200 kOe, production using water cooled solenoids 2—17534
cusped for production of rotational annular beams of relativistic electrons 2—21029
distributed current sheets, on surfaces of revolution 2—34303
dynamo problem in astrophysics, Cowling theorem 2—30402
Earth's bow shock, plane containing interplanetary field and solar wind 2—33498
in extended radio and X-ray source in Coma Cluster, origin 2—37335
finite difference eqn. for complex magnetic vector potential 2—14367
flat circular coil, calc. using integration techniques and Biot-Savart law, use for meas. e/m ratio 2—14357
flux quantization, relation to scaling, interpretation of proton charge 2—14691
force free model, computation by treating plane fields 2—236
generation by convective currents in outer shell, model of oscillatory hydromagnetic dynamo 2—23121
growth rel. to magnetohydrodynamic dynamo action in conducting fluid periodic motions 2—15441
homogeneous, charged particle motion 2—17542
homogeneous, charged particle motion 2—17543
Hopkinson secondary maximum, interpretation in terms of parallel pumping theory 2—237
hysteresis, digital simulation applied to solution of partial differential eqns. 2—11430
in jet in M87 galaxy 2—16959
linear currents in flowing conducting medium 2—966
lunar, amplification of variations at surface 2—17031
lunar, interaction with solar wind 2—37348
magnetic deflection system, fringing fields correction, design method 2—17535
in magnetosheath, inner, physical model of structure near Earth-Sun line 2—16875
in magnetosphere, model 2—20377
metal surface cracks, mag. field of eddy currents excited by contact inductor 2—29376
MHD plane channel, distribution 2—955
new mapping method using equimodulus and equiargument lines of magnetic induction 2—30981
periodic inhomogeneity with azimuth, geometric form, application to particle spectrometers 2—21319
plasma confinement, closed fields with spherical separatrix 2—8946

Magnetic fields continued
plasma confinement, experimental investigation of the structure and stability of the Tornado trap 2—8948
plasma confinement, stability of the topology of the field of the Tornado-2 trap 2—8947
plasma equilibrium field for Astron configurations 2—12399
propagation in layered cylindrical media, uncoupled cylindrical wave modes 2—14303
purely toroidal, time development and interaction with poloidal mag. field 2—30623
quadrupole magnets, harmonic content rel. to pole shapes 2—7830
relativistic consideration, natural consequence of electric field 2—33893
relativity magnetic field origin 2—27044
rotating, penetration depth into plate, ovoid, spheroid and sphere 2—30982
screening of a pulsed field by a metallic shell 2—23513
sector fields in mass spectrometers, ion current transmission 2—2908
solar, associated with flares 2—11130
solar, extended, rel. to interplanetary mag. field 2—4994
solar, fine structure, small scale, theories 2—11037
solar, Joule dissipation in photosphere and sunspot layers, effect of anisotropy of electric conductivity 2—17077
solar, large scale, review of properties 2—11039
solar, large scale activity, review 2—4993
solar, measurements and instrumentation, conference, Paris, August (1970) 2—11027
solar, origin in fine structure elements of photosphere and sunspots 2—11038
solar, small scale structure, review 2—4992
solar, structure, association with photospheric motions 2—11101
solar active centre, associated with flares 2—11120
solar active regions, obs. of changes 2—11119
solar corona, associated with expanding limb burst from microwave obs. 2—11148
solar corona, interactions with gas 2—11149
solar photosphere, association with Hα flares 2—11129
solar photosphere, rel. to X-ray corona 2—11067
stabilization, for spin-echo equipment 2—17502
stabilization on basis of ferromagnetic resonance in thin film 2—17529
static, in vicinity rectangular magnetic body, calc. 2—21015
stationary rotating relativistic star, magnetic field generation 2—37282
1-3 stellarator-Torsatron SATURN-1, field contours 2—12398
stray, from power lines, a.c., neutralization by generating opposing field 2—34306
strong, impulsive, production in solenoids of bimetallic wires 2—23517
sunspot, and umbral dots 2—11121
sunspot, rel. to high energy electrons in flares 2—11125
sunspots, distribution of mag. force in surface layers 2—11123
systems of conductors, integral transforms application 2—23503
time-variable, interaction with oscillating nonrelativistic particles 2—199
travelling, of ferromagnetic block limited by plane, impedance of 2—30980
turbulent, dynamical evolution, steady state approach 2—8907
uniform, calculation of a four-section system for compensation 2—23512
in universe, multiply connected, excluded possibilities of geometrodynamical analogue to electric charge 2—47
waveguide, open-ended, parallel-plate, relationship with electric fields 2—5293
white dwarf stars, decay for dipolar and toroidal configurations 2—30443
AlNiCo 5 cylindrical magnets, external axial field graph 2—238
$Mg_2Fe_2TiO_4$ rocks, self reversal due to interaction with Fe_3O_4 2—30381

effects
Alfven wave amplification in plasma in time varying field 2—28621
alkali halide, weak mag. field enhancement of luminesc. from F-centres 2—26237
anthracene crystals, charge transfer exciton fission 2—36960
arc, wall stabilized in transverse magnetic field, coupled distrib. of viscous flow and temp. 2—24680
arc current, radial extent limited by axial magnetic field, scaling lasers 2—39226
arc with free anode roots, axial motion 2—32140
aromatic hydrocarbons, effect on photooxidation rate 2—33377
atomic collisions, effect on election spin exchange between atom with arbitrary electron spin and spin-$^1/_2$ atom 2—24380
atoms, spin forbidden transition probabilities, enhancement 2—15193
axially symmetrical, electron stream transverse waves conversion 2—2348
AZUR satellite, misalignment of magnetic orientation fue to geomagnetic field 2—20451
charged particle beams, phase space distribution 2—34314
charged particle interaction with e.m. wave propagating at angle to uniform field 2—7836
charged particle motion in axisymmetric fields 2—23518
chemiluminescence, electrogenerated, effect of external mag. field on intensity 2—40821
chloroprene caoutchouk, thin films, formation of structures in presence of constant magnetic field 2—25166
cholesteric liquid crystal, dislocation line formation 2—18795
cholesteric liquid crystals, periodic gridlike deformation in mag. and elec. fields 2—28793
circulatory elastic systems with magnetic damping, stability 2—17309
compact objects, magnetoid instability in twisted magnetic fields and repeated explosions 2—13944
convection in polytropic atmospheres, low frequency oscillations 2—20706
convection of weakly ionized plasma, computer study 2—12427
cosmic ray transport theory in random 2—4780
cyclotron waves, anomalous reflection and transmission by trapped particles in mirror field 2—24793
cyclotronic resonance in vacuum polarization 2—23769
damping of liquid metal drop oscillations in non-conducting fluid 2—949
discharge, l.p., transverse field, obs. of anomalously high energy electrons 2—24850
drift cyclotron instability, effect of finite β plasma 2—24812
elastic ultrasonic oscillations excitation in oil 2—1093
electron beam dynamics in longitudinal magnetic field 2—23528
electron beam filamentation 2—39188
electron beam formation 2—7845
electron pair generation from 2 photons 2—8122
electron states, localized, in strong mag. field , non-variational method of study 2—25722
electron trajectory, inhomogeneous mag. field 2—37901
e.m. absorption, quantum size effects in thin metal films 2—40135
e.m. instabilities in anisotropic plasma, nonlinear development 2—8987

Magnetic fields continued
effects continued
emission of oxide cathode, strong longitudinal field 2—29783
on emittance of d.c. duoplasmatron ion source 2—7883
ferrite memory core, fast flux reversal by perpendicular static field 2—29825
film, domain boundary creep, electron microscope obs. 2—36696
films, noise voltages induced by magnetization in harmonic fields 2—10221
fluoroform, room temp. shear viscosity 2—21925
forces on particles of non-uniform medium in crossed fields 2—942
fusion welding, control of solidification using pulsing, external magnetic fields 2—15927
graphite, polydisperse suspension, flow, heat exchange 2—39399
graphite d.c. arc burning in mag. field, optical and electrical parameters, spectrochemical aspects 2—35638
gravitating cylinder, slowly varying axial magnetic field effect on stability 2—14082
gravitational convection in ferromagnetic liquids due to magnetic heating 2—941
hot electron plasma confinement by electron cyclotron resonance wrapping in cusped magnetic field 2—18628
interferometer, polarization, absolute light retardation meas. in mag. field 2—27593
interstellar, fluctuations, effects on Faraday rotation and signal dispersion 2—13923
interstellar fluctuations effects on Faraday rotation and signal dispersion 2—13924
ion heating in Tokamak with transit time magnetic pumping 2—31940
ion trajectories in inhomogeneous magnetic sector field, third order calc. 2—253
ionization waves in positive column 2—32074
isentropic compression to megabars using magnetic field coupled to explosive 2—7633
klystron type bunchers, radiation intensity calc. 2—34326
laser beams, second harmonic generation, induced by d.c. field 2—5398
laser emission intensity modulation 2—17577
laser generation in t.w. mode using active solid laser in longitudinal field 2—21085
liquid crystal, nematic, twist wall motion 2—39337
liquid crystals, cholesteric to nematic phase transition 2—28796
magnet in fluid, interaction with external field 2—37884
magnetohydrodynamic turbulence experiments in a transverse magnetic field, random fluctuations 2—39089
in magnetosphere on propagation of low energy cosmic rays 2—4752
magnon-phonon interaction in a time-dependent magnetic field, quantum theory 2—40437
methane, room temp. shear viscosity 2—21925
methane, thermal conductivity meas. under the influence of a magnetic field 2—12510
deutero-methane, thermal conductivity meas. under the influence of a magnetic field 2—12510
MHD flow in pipes with differing wall conductivities and in inclined magnetic field 2—28488
microanomalous diffusion in electron bombardment ion engine, critical magnetic flux density 2—21812
Moon, vacuum transient response, electrical conductivity model 2—17030
non-magnetic crystal, long wavelength optical phonons 2—19318
optoelectric effect rel. to external mag. field 2—11517
p-n-p transistor, alloy junc., minority carrier diffusion 2—22589
paraffin, solidified in elec. and mag. fields, anisotropy, n.m.r. obs. 2—25939
particle orbits for field which reverses its direction, adiabatic theory 2—14380
Penning ion source, effect of mag. field shape, Monte Carlo calc. 2—6113
photomultiplier tube, a.c. heater current rel. to readings 2—27897
plasma, relaxation of fast ions moving transverse to field 2—8925
plasma, stability of acoustic oscillations 2—39164
plasma acoustic instability in crossed electric and magnetic field 2—28639
plasma beams, investigation of characteristics of e.m. waves produced 2—8940
plasma column quiescence in skipping fields 2—24789
plasma confinement by tetrahedral spire with improved magnetic well using superimposed d.c. baseball field 2—18629
plasma containment in toroidal screw pinch with various field programming 2—28573
plasma cylindrical sources, r.f. helix excitation of densities high above critical 2—24711
plasma light scattering, frequency spectrum 2—32009
plasma longitudinal wave growth and nonlinear Landau damping 2—8977
plasma oscillations, in neon discharge, obs. 2—32055
plasma produced by laser irradiance of solid targets 2—39158
plasma relativistic, kinetic theory and evolution 2—8911
plasma streams, instability 2—18648
plasma wave process generated by local source or disturbance 2—39160
polypropylene film, metallic filler, strength 2—29406
positive column, anisotropy of electron temp. 2—24869
pulsars, outermost crust 2—10956
quadrupole, oscillating, h.f. beam enlargement in accelerator 2—18055
ring laser, frequency of beat signals 2—27455
semiconductor, magnetoplasma quasielastic light scatt. 2—16448
semiconductor, nondegenerate, acoustoelec. gain 2—22415
semiconductor, zero-gap, permittivity in quantizing mag. field, l.f. case 2—22603
semiconductors, absorption coeff. for two photon transitions 2—4450
Senftleben effects, formal kinetic theory 2—15538
shock waves, plane ionizing 2—37784
spark chamber track localization 2—18029
spectral line formation in inhomogeneous mag. fields 2—11056
spherator, field configuration effects on fluctuation level and plasma confinement times 2—12400
Stern Gerlach effect of H atom, one-body wave mechanical treatment 2—2124
Stern Gerlach effect of H-atom, limitation of one body quantum mechanical treatment 2—2125
Stern Gerloch expt. on charged particles using combined electric and magnetic helical quadrupole fields, critical examination 2—35173
stigmatic focussing with homogeneous magnetic sector fields 2—252
superconductor, dimensionality change in fluctuation specific heat 2—36448

Magnetic fields continued
effects continued
on surface tension of plane film 2—1058
suspension, viscosity rel. to field strength 2—22019
thermionic converter operation in under-compensated Knudsen mode 2—7822
trajectories of dipole particles 2—21021
travelling, effects on Hall effect in liquid with tensor conductivity 2—28480
weld metal, resistance to hot cracking by e.m. stirring 2—15925
e^+e^- photoproduction, effect of magnetic field 2—5506
$\gamma\gamma\rightarrow e^+e^-$ in magnetic field, role of Compton effect 2—8111
Ar laser, CW, dependence of population of Ar II levels 2—27478
Ar laser, increase of saturation 2—34388
Ar laser in strong magnetic field, study of emission intensities 2—14411
Ar plasma, flux transportation by mag. field, to 100 kOe, broadening 2—31948
Ar positive column, l.p., low current, quiet 2—24875
CO, room temp. shear viscosity 2—21925
CO thermal conductivity meas. under the influence of a magnetic field 2—12510
CO_2 laser discharge 2—24858
Cd in solution, spectral determination from excitation spectra 2—40848
α-cu-Mn solid soln., struct. ordered., Hall resist., mag. field and temp. depend., annealing effects, 4.2-100K 2—32918
Fe-N solid solution, orienting of Fe_8N precipitate 2—3993
Fe, internal friction as function of alternating mag. field in phase with applied stress 2—39766
Fe, plastic deform. 2—32603
Fe single crystal, reactivation of mechanical aftereffect by discontinuous change of external mag. field 2—25473
Ge, static domains 2—29705
HD, room temperature shear viscosity 2—21925
HD thermal conductivity meas. under the influence of a magnetic field 2—12510
He plasma, flux transportation by mag. field, to 100 kOe, broadening 2—31948
Hg flow in travelling magnetic field, transitory reversed and turbulent motion 2—28493
InSb, electron velocity 2—16210
n-InSb, mode I acoustoelec. excitations in transverse fields 2—19420
n-InSb, photoconductivity 2—29767
InSb, semiconductor, electronic plasma fluctuations rel. to external elec. and mag. fields 2—16224
InSb stimulated Raman scattering around 5 μm 2—20070
$KI:In^+$, $KI:Sn^{2+}$ magnetic field dependence of radiative lifetime of A-band emission 2—36930
N_2, room temp. shear viscosity 2—21925
N_2 thermal conductivity meas. under the influence of a magnetic field 2—12510
No, hyperfine structure states mixing 2—12174
O_2, Senftleben effects, formal kinetic theory 2—15538
O_2, thermal cond. coeff. dispersion in mag. field, reson. singularities, Scott effect 2—39283
O_2 room temp shear viscosity 2—21925
Pd-Mn dilute alloys, meas. of specific heat, critical behaviour and magnetic field dependence 2—13046
Se, liquid, switching, I-V characts. 2—25105
Sn, gray, Raman spectra, spectrum shape, polarization selection rules, rel. to mag. field 2—16567
$TmAsO_4$, magnetically controllable cooperative Jahn-Teller distortion 2—4459
VN_x, n.m.r. spectra, Knight shifts, influence of mag fields and composition 2—20166

Magnetic films *see Films, solid/magnetic properties*

Magnetic flux *see Magnetic field measurement; Magnetic fields*

Magnetic hysteresis *see Magnetization process*

Magnetic lenses *see Electron lenses/magnetic; Ion optics*

Magnetic measurement
see also Magnetic field measurement. Entries describing measurement methods for specific magnetic quantities and effects may also be found listed under the various headings for the subjects concerned
anisotropy, induced, in ferrites 2—10225
anomalies over Bowers and Shirshov Ridges in Bering Sea 2—16780
basement rocks, magnetometer spectral determination of depth 2—13625
bubble detection by Hall effect transducer 2—40445
bubble domains, magnetoresist. sensor 2—40446
bubble material, magnetiz. and intrinsic length meas. method 2—40447
curl meter, torque meas. of mag. in conducting fluid carrying current 2—14368
declination, measurement errors due to torsion of suspension wire 2—33552
Faraday balance calibration 2—1600
Faraday magnetic balance, variable temperature type 2—37882
Faraday method applications for obs. under pressure 2—2337
ferromagnetic film, M_s vibration method for H_k and H_c determ. 2—10220
ferromagnetic materials, static magnetic characteristics, method and apparatus development 2—6953
ferromagnetic susceptibility, automatic system 2—2336
ferromagnetics, dislocation struct., obs. by mag. techniques 2—36023
ferromagnets, continuous and simultaneous with metallurgical properties, apparatus 2—16352
flux density, hysteresis and eddy current losses by induction method, instrument 2—233
hysteresigraph method for thin film prop. eval., M-signal analysis 2—33150
inductance meters, testing devices 2—21014
longitudinal fields, birefringent element to separate mag. polarity 2—26873
magnetoelastic behaviour, parametric pumping method 2—25993
moment under hydrostatic pressures 2—33102
permeability of films at ferromagnetic resonance from change of complex reflection coefficient in steady and h.f. magnetic fields 2—34301
proton magnetometer, built on periodometer principle, measurement errors 2—33553
pulse spectropolarimeter and manganin tubular shunt for current pulse meas. 2—27385
scanning electron microscopy, dynamic obs. of contrast 2—7825
sea floor deformation, magnetic anomaly offsets, NE Pacific 2—10697
steel, local magnetization by contact eddy current probe 2—29819
steel, tool, heat treatment monitoring by thickness meter 2—25549

Magnetic measurement continued
susceptibilities determination in microwave region, frequency-dependent, pulse-resonance method 2—2335
susceptibility, static, by e.p.r. signal dispersion meas. 2—11431
torque magnetometer, air bearings as specimen suspension 2—37881
torquemeter, compensating, for use in high field solenoids 2—17528
transitions in 4.2-300 K range, meas. probe 2—27406
vibrating sample magnetometer for ferromagnetic samples 2—14369
weak ferromagnets, low freq. eddy current bridge 2—27404

Magnetic memories *see Calculating apparatus; Magnetic devices*

Magnetic mirrors *see Magnetic fields; Plasma/confinement*

Magnetic monopoles
analogue in general gauge field theory 2—31164
cosmic magnetic monopoles, search for in nature 2—23902
cosmic ray, possible obs. using detection of Cherenkov radiation in air 2—27813
detection, investigations of deep-sea sediment 2—8213
Dirac, magnetic and electric quarks in hadrons 2—34623
indirect search methods, speculation 2—34585
in lunar material magnetic monopoles in lunar material 2—14528
magnetic spin monopole, derivation from Yang-Mills field 2—21212
pair prod. cross section from virtual photons in pp collisions, lower mass limit 2—31180
polarization of radiation from moving pole in constant elec. field 2—7835
production at 70 GeV IPHE proton synchrotron in pN collisions, cross sections 2—31181
production cross section in pN collisions 2—5485
relativistic, rel. to straight lightning production 2—11648
search, superselection rule for mag. charges 2—17801
static isolated nontrivial. soln. of Bonnor's unified field theory 2—14091

Magnetic permeability
conductors at high temperatures and pressures 2—37531
Earth half-space, from radiation impedance of a frame antenna 2—30220
ferrite, spinel, specific permeability, empirical laws 2—16383
ferrites at u.h.f., meas. by properties of standing wave in waveguide 2—27401
ferroelectric-ferromagnetic ceramics, two- and three-phase 2—10117
ferromagnetic materials, low freq. eddy current bridge meas. 2—27404
films, meas. at ferromagnetic resonance from change of complex reflection coefficient in steady and h.f. magnetic fields 2—34301
magnetodielectrics, microwave frequencies 2—17527
steel, Cr-Ni Mn, variation with carbon vanadium content 2—1318
susceptibility, static, meas. by e.p.r. signal dispersion meas. 2—11431
Li-Mn mixed ferrite, valency induction effects 2—19905
Ni-Mn-Fe alloy, anisotropy, magnetostriction 2—40455
Ni-Mn alloy, magnetic anisotropy, magnetostriction 2—40454

Magnetic properties of dilute systems
alloys, influence of spin orbit scattering on Kondo effect 2—25992
Anderson Hamiltonian, diagrammatic perturbation treatment 2—13366
antiferromagnet, impurity virtual level, mag. field depend. 2—6990
antiferromagnetic insulators, effect of introduction of defects on spectrum of magnetic excitations 2—40543
disordered alloy, magnetiz. 2—26004
exchange coupling influence on thermoelec. power 2—25941
Heisenberg exchange, particle spin polarizations 2—29803
Heisenberg ferromagnet. with ferromag. impurities, Green's function theory, decoupling scheme calcs. 2—36685
high temperature susceptibility, conc. and temp. depend. 2—40400
high temperature susceptibility in mean-random-field approx. 2—19824
impurity model, solvable, thermodynamics 2—40402
induced moment system with substitutional impurity, Green's function theory 2—40413
interacting localized moments, pairing treatment, Coulomb interactions 2—25718
Kondo effect, influence of non-magnetic impurities 2—4337
localized mag. moment form., supercond. effect 2—25774
localized magnetic, formation, Friedel-Anderson model and its limitations 2—16339
localized magnetic moment theory, functional integrals 2—16338
localized moment parameters, exchange vertex corrections and Bloch eqns. 2—4335
localized moments on impurities 2—29791
localized spin fluctuation and s-d schemes, suggestion for unified viewpoint 2—13368
magnetic anisotropy, calc. by means of Boltzmann statistics 2—40396
magnetic susceptibility, temp. depend., infinite-U Anderson model 2—19819
metal, left-right asymmetry in electron scatt. by mag. impurity and Hall effect 2—19820
paramagnetic system, local moments, Hubbard model 2—36665
rotational symmetry in local moment formation 2—13073
s-band metal with rare earth impurity, magnetization Green's function theory 2—36707
s-j exchange interaction under crystalline field 2—10165
spin glasses, low temp. sp. ht. anomalies 2—9885
spin polarization around mag. impurities 2—16336
superconducting alloy, mag.-nonmag. transition due to Ce impurities 2—40203
superconductor, impurity effects on props. 2—13126
supermagnetic clusters and linear low temp. sp. ht. 2—29554
transition metal alloys, disordered, spin fluctuations 2—10173
transition metal alloys, solute susceptibility and low temp. sp. ht. 2—19827
transition metal alloys, spin fluctuation temp. 2—16146
Ag-Al alloys with Ho impurities, liq., susceptibility obs. 2—39390
Al-Cr(Mn) alloys, supersaturated, resist. due to localized spin fluctuations 2—16140
Al-transition metal alloy, localized spin fluctuations 2—19822
Al-transition metal solid solns., susceptibility 2—13373
Au-Cr(Fe)(Mn) alloys, high temperature susceptibility in mean- random-field approx. 2—19824
Au-Fe alloys, magnetiz., spin fluctuation model 2—22685
Au-V alloys, impurity susceptibility, ^{51}V n.m.r. obs. 2—33114
Co-Ce alloys, liq., local mag. moment of Ce 2—6244
Co-M, M=Os, Ru, Ir, Fe, Re, Cr, spin disorder effects rel. to resistivity origin 2—16364
Cr-Co(Fe) alloys, localized impurity influence on spin density wave 2—16388
Cr-Fe alloy, Mossbauer obs. 2—10321
Cr-Fe alloy, Mossbauer study 2—40622

Magnetic properties of dilute systems continued
Cr-X alloys, (X=V, Ru, Rh, Re), magnetoelastic props. 2—13416
Cu-Cr(Fe)(Mn) alloys, localized moments, temp. depend. 2—40466
Cu-Fe(MN) alloys, high-field magnetiz. of interacting mag. moments 2—40467
Cu-Ni-Mn alloys, local moments 2—1484
Cu-Ni alloy, Fe effect on low temp. sp. ht. 2—40071
Cu-Zn alloys, Fe local moment behaviour 2—40416
Fe-Gd alloy, film, mag. compensation 2—13405
Fe-Ir alloy, nuclear electric quadrupole interaction of Ir nuclei, n.m.r. obs., 1.4 K 2—20160
Fe-Tb alloy, film, mag. compensation 2—13405
Fe-(Cu, Sb, Ir), ferromag. alloy, n.m.r. spin echo, isotope pairs hyperfine struct. 2—20159
La-Ce kondo system, eqn. of state 2—40407
La-Ce(Gd) alloy, temp. depend. of spin-flip scatt., determ. from H_{c2} 2—29620
La-actinide metal alloys, mag. moments and supercond. 2—19583
Mg-Gd alloy, effective exchange integral sign 2—16646
Mg-Mn alloys, e.p.r. obs. 2—40761
Mn-Cr(Fe)(Ru)(V), alloys complex mag. interactions, resist. obs. 2—40561
Mo-Fe, Mossbauer spectra, relax. due to s-d exchange interaction 2—40631
Mo-Fe alloys, mag. interactions 2—40408
Nb-Mo alloy, with Fe impurity, localized mag. moment, Mossbauer obs. 2—36847
Ni-Co(Cu)(Fe) alloys, anisotropy energy 2—16369
Ni-Cr(Fe) alloys, spin-flip scatt. and spin mixing, elec. resist. depend. 2—1486
Ni-Ir alloy, nuclear electric quadrupole interaction of Ir nuclei, n.m.r. obs., 1.4 K 2—20160
Ni-Pt-P-Cr alloys, amorphous, localized moment, susceptibility 2—6761
Ni-(Cu, Sb, Ir), ferromag. alloy, n.m.r. spin echo, isotope pairs hyperfine struct. 2—20159
Ni alloy, magnetic anisotropy energy, temp. and impurities effect 2—19872
Pd-Co alloys, resist., giant moments, exchange coupling 2—26042
Pd-Er alloy, susceptibility rel. to e.s.r. 2—30014
Pd-Fe alloys, low temp. resist. and large mag. scatt. 2—9959
Pd-Mn alloys, acoustic spin-wave stiffnesses and ordering temps. 2—10191
Pd-Mn dil. alloys, rel. to sp. ht. obs. 2—13046
Pd-Si:Fe, Cr, elec. resistivity, magnetiz., and magnetoresistance rel. to Kondo effect 2—25768
Pt-Co alloy, magnetiz. and magnetoresist. 2—16344
Pt-Er alloy, susceptibility rel. to e.s.r. 2—30014
Pt-Fe alloys, spin fluctuation effects in resist. 2—36445
Rh-(0.5 wt.%) Fe alloy, localized spin fluctuations 2—6763
Sc-rare earth alloys, localized moments influence on spin-lattice relax. 2—19934
Sc alloys, anisotropy, temp. depend. 2—40420
Th-U alloy, low temp. sp. ht., supercond. and normal state 2—29557

Magnetic properties of substances
see also Films, solid/magnetic properties Magnetic anisotropy; Magnetic permeability; Magnetic structure
actinide metals and cpds., spin fluctuations and anomalous resist. 2—40409
actinides, spin fluctuation behaviour 2—40404
alloy, ionicity effects, atomic and band models 2—16340
americium complex, $(C_5H_5)_3$ ^{241}Am(III), susceptibility between 4.2 and 250K 2—22663
anhysteresis susceptibility, theory 2—6937
aromatic molecules, magnetic anisotropies determ. using Cotton-Mouton effect 2—24495
ASTM standards, book 2—37552
basaltic rocks, rel. to petrology 2—1906
basalts, magnetic hysteresis obs. and Curie point det. 2—37100
benzene, susceptibility anisotropy, from Cotton-Mouton effect meas. 2—18486
bicyclobutane, susceptibility anisotropies 2—35313
cluster model applic. 2—19505
conference, Chicago, USA (Nov. 1971) 2—36653
conference, Chicago, USA (Nov. 1971) 2—33104
diatomic molecules inclusion of nuclear motion in calc. of properties 2—24435
diketene, determ. magnetic-susceptibility anisotropies from Zeeman effect studies 2—21675
films, flux reversal, review 2—40503
fine precipitations in glasses 2—1593
2- fluoropyridine, rotational spectrum, Zeeman effect, g-vals. and susceptibility 2—843
formamide, susceptibility anisotropies 2—38982
garnet, growth-induced anisotropy, theory 2—13372
hexafluorobenzene susceptibility anisotropy, from Cotton-Mouton effect meas. 2—18486
high temp. mats., conf., Gaithersburg, USA, Oct. (1971) 2—9326
hydrocarbons, saturated, susceptibility, molecular orbital calc. 2—28384
induced moment systems with nonmag. doublet cryst. field ground state 2—33109
ionic mixed crystal, magnetization 2—33103
lanthanide chalcogenides, ternary, rel. to cryst. chem. 2—9341
liquid crystal, nematic, mag. polarizability of unit particle of orientation 2—3383
local molecular field method, areas of application 2—40397
magnetic impurity, exactly solvable model 2—4333
metal, mag. susceptibility rel. to electronic struct. 2—40121
metal, surface susceptibility in plates, role of tangential electrons 2—25989
metallic actinides, review 2—4342
metals for low temp. normal and superconducting magnets 2—14371
meteorites, stone, stone Fe, and Fe 2—30598
Mossbauer effect, zero and multiphonon line shape calc. 2—36323
neutron matter 2—30482
nitroxide radicals, stable 2—25994
plutonium complex, $(C_5H_5)_3$ ^{239}Pu(III), susceptibility between 4.2 and 250K 2—22663
polyphenyleneaminochloranils 2—25835
porous material, saturation magnetiz., Neel theory 2—10203
β-propiolactone, determ. magnetic-susceptibility anisotropies from Zeeman effect studies 2—21675
rare earth Co compounds, magnetiz. and specific heat obs. 2—25998

Magnetic properties of substances continued
rare earth cobaltates, high spin-low spin equilib., mag. susceptibility, elec. cond. and Mossbauer study 2—36656
rare earth compounds, effects of high pressure on nuclear resonance, mag. anisotropy and mag. phase transformation meas. 2—5100
rare earth cpds., itinerant electronic system, theory 2—16342
rare earth palladium intermetallics, R Pd$_3$ type, 1.5 to 300K 2—19829
rare earth ruthenates and iridates, susceptibility, rel. to electronic characterization 2—10076
rare-earth elements, alloys and compounds 2—25987
saturation remanence, basalt, effect of neutron irradiation 2—1912
scandium oxide, nonstoichiometric, plasma-synthesized, Faraday susceptibility meas. 2—9344
semiconductor, energy levels, elec. transport, magneto-optical effects 2—4203
semiconductor, heavily doped, mag. susceptibility 2—4192
semiconductors, review 2—40439
soda, glass, pure earth doped, sensitivity to crystalline environment or included impurity ions obs. 2—9223
spectroscopy application, emission and absorption 2—26150
state of the art, applics. in computer industry 2—13370
static susceptibility, abs. meas. method using e.p.r. dispersion signal 2—16337
superconductors, type I, undergraduate expt. to determine critical temp. transition width of Meissner effect 2—16149
susceptibilities and moments, variable temp. Faraday mag. balance for measurement 2—37882
susceptibility, variable temp. probe for obs. of changes in 4.2-300 K range 2—27406
TCNQ anion radical salt, susceptibility, Schottky type behaviour 2—25995
TCNQ salt, spin susceptibility and phase transitions 2—13094
transition metal alloy, topologically close packed, band struct., supercond. 2—35977
transition metal chalcogenides, ternary, rel. to cryst. chemistry 2—9341
transition metal complex, $(RNH_3)_2MX_4$, two-dimensional layer system, struct. 2—3692
transition metal compounds, nonstoichiometric, rel. to semiconductor-metal transition 2—4218
transition metals, Fe group, third and fourth spectra, magnetic interactions in $3d^n$ configurations 2—4415
1,3,5- trifluorobenzene susceptibility anisotropy, from Cotton-Mouton effect meas. 2—18486
As—S, glassy system, susceptibility, differentiation into diamag. and paramag. components 2—4340
Au-Fe solid soln., solute clustering and mag. order 2—19828
$BaFe_2S_3$, and cryst. chemistry 2—9332
Ba_2MReO_6, ordered perovskites, M=Gd, Er, absence of ordering 2—22691
BaO-CoO-O-CO_2 system, 2H $BaNiO_3$ type phases, Co spin state determ. from susceptibility obs. 2—9454
$Bi_2Ru(Ir)_2O_7$, susceptibility, rel. to electronic characterization 2—10076
$CaCo_5$-H, magnetization, rel. to H content 2—32774
$Ca_3Mn_2Ge_3O_{12}$, garnet, mag. struct., neutron diffr. obs. 2—19045
CdM_2F_6S, (M^{II}=Mn, Fe, Co, Ni, Cu, Zn), susceptibility 2—22153
α-Ce, low temp. props. 2—19825
Ce oxides, nonstoichiometric, susceptibilities meas. 2—29794
$CeSn_3$, ordering absence from n.m.r. obs. 2—6941
$Ce_xY_{1-x}Al_3$, temperature dependence of magnetic susceptibility meas. between 100 and 1100 K 2—26300
Co complex, $[(C_2H_5)_4N]_2CoCl_4$, susceptibility meas. data on phase transition 2—33105
Co^{2+} complex, 'oxinate'. u.v. and visible reflectance spectra 2—22751
$CrK(SO_4)_2.12H_2O$, temp. variation in mean magnetic moment, explanation in terms of soft-phonon mode near 193K 2—6938
Cu-Mn alloys, short range ordering 2—1228
$Cu_{1-x}Fe_{1\|x}S_{1.80}$, susceptibility obs., complex behaviour 2—9334
Dy, magnetoelastic interaction, static and dynamic effects 2—25999
$ErCrO_3$ single crystal, magnetization data deduced from optical data of Er^{3+} ground state 2—16487
$(Eu_xY_{1-x})_2O_3$, susceptibility, orbitally anisotropic exchange, and cryst. field effects 2—36658
Fe:Si, thickness rel. to domain struct. and mag. props. 2—16368
Fe-Al alloy, al. magnetiz., and Fe moment 2—4343
Fe-Cr spinel, Curie temp. magnetization, mag. moments 2—1596
Fe-Ti oxides, rhombohedral, magnetic domain study 2—4341
Fe complexes, $Fe(py)_2Cl_2$ and $Fe(py)_4Cl_2$, electronic and Mossbauer spectra and mag. moment 2—16431
Fe^{2+} compounds, pseudotetrahedral, susceptibility and quadrupole splitting 2—36789
$FeCl_2$, metamagnetic, determ. from e.p.r. study of Fe(II) ions in $CdCl_2$ 2—1724
$FeFe_2O_4$-$MgFe_2O_4$-$NiFe_2O_4$, X-ray diffraction obs. 2—1595
Fe(II) complex, phenanthroline, susceptibilities and ^{57}Fe Mossbauer spectra down to 1.2K 2—16432
Fe(II) complexes, Mossbauer effect study of slow electronic relaxation in $^5T_2$-$^1A_1$ spin equilibria 2—26126
$Fe(NH_4SO_4)_2.6H_2O:Cu^{2+}$, quadrupole hyperfine anisotropy obs. and mag. susceptibility 2—36843
Fe_3O_4-FeV_2O_4, spinels, Curie temp., saturation moment, magnetization 2—10212
$Fe_3(PO_4)_2.8H_2O$, spin flipping, Mossbauer obs. 2—40617
Gd-Sn alloy, Mossbauer spectra, nuclear Zeeman effect 2—13453
$GdNi_x$, Gd_2Ni_7, x=1, 2, 3, 5, e.p.r. and susceptibility obs., temp. depend. 2—10506
$Gd_xY_{1-x}Co_2$, magnetic moment 2—25998
H_2, susceptibility calc. using nonsymmetrical wave function 2—28295
$HgCo(CNS)_4$, susceptibility temp. depend. 2—1600
Ir_2MnGa, mag. moment 2—33134
$LaCo_5$-H, magnetization, rel. to H content 2—32774
$LaIn_3$, supercond., exchange enhanced susceptibility 2—16179
$Lu_{0.9035}Er_{0.0965}$, magnetic susceptibility from 1.3 to 145K rel. to cryst. field energy levels 2—26088
Mg-Mn ferrite, stripe domains, magneto- optical obs. 2—10310
$M^{II}U_2{}^{V}F_{12}.4H_2O$ (M=Co,Ni, or Cu), susceptibilities 2—33275
Mn nitrides with different magnetic properties, fine structure of X-ray spectra for emission of absorption of K-series 2—40704
MnAl-B alloys, composition dependence of coercive force 2—29795
Mo^{5+} cpds., ions effective mag. moment, derivation from cryst. elec. field 2—40587

Magnetic properties of substances continued
Na_2O-Fe_2O_3-TiO_2-SiO_2 glass, susceptibility, temp. depend. 2—1598
Ni, mechanism of decrease of saturation magnetization from calc. of electronic struct. of non transition element impurity atoms 2—6726
Ni^{2+} complex, 'oxinate', u.v. and visible reflectance spectra 2—22751
Ni(II) complex, isopropylsalicylaldimine, susceptibility and anisotropy 2—36661
NiO-ZnO magnetic investigation, solubility of NiO in ZnO 2—3962
Np, spin fluctuations and anomalous resist. 2—40409
Pb-Bi(Tl) alloys, solid and liq., susceptibility 2—29796
α-Pd-W, alloy, homogeneous mag. behaviour 2—6939
Pu, spin fluctuations and anomalous resist. 2—40409
$Sm_{0.55}Tb_{0.45}FeO_3$ platelets, bubble domain propag. 2—6967
Sn supercond. small particles, h.f. mag. polarizability 2—9974
$SrCl_2:Yb^{3+}$, susceptibility obs. of cryst. field levels 2—36888
TaS_2, intercalation effect on susceptibility 2—32951
Tb, magnetoelastic interaction, static and dynamic effects 2—25999
$TbCo_3$, magnetostriction, room temp. obs. 2—40500
$TbFe_{2(3)}$, magnetostriction, room temp. obs. 2—40500
Ti_xO_{2x-1} system, e.p.r. obs., effective moment 2—36993
$Tl_2Ru(Ir)(Os)_2O_7$, susceptibility, rel. to electronic characterization 2—10076
TmTe, at press.-induced electronic phase transition 2—40501
α-U, susceptibility under press. 2—25794
$UAl_{2(3)(4)}$, susceptibility temp. depend., localized spin fluctuations model 2—40405
$UGa_{2(3)}$, susceptibility temp. depend., localized spin fluctuations model 2—40405
UGe_3 $(In_3)(Si_3)(Sn_3)$, susceptibility temp. depend., localized spin fluctuations model 2—40405
$U_{1-x}Y_xAl_2(Ga_2)$, susceptibility temp. depend., localized spin fluctuations model 2—40405
V complex, $[V(urea)_6]^{3+}$, ligand field analysis 2—13374
V(III) complex, susceptibility, molecular orbital calc. 2—36793
$V_2O_{3\|\delta}$, susceptibility, rel. to metal-semicond. transition 2—10167
Yb-Cd, system, susceptibility meas. 2—4024
ZrC, susceptibility, rel. to electronic structure 2—1523

antiferromagnetic
see also Antiferromagnetism
actinide intermetallics, long range ordering 2—40404
alloy, atomic ordering, phase transitions, spontaneous magnetization, stress effects 2—4369
alloy, binary, uniform exchange interactions 2—33113
B-1 type structures, ground state spin arrangement, theory 2—40539
b.c.c. crystal, undergoing second order phase transition, struct. with unequal spins 2—22677
1,3-bisdiphenylene-2-phenylallyl-benzene complex, antiferromag. linear chains 2—26058
copper(II) acetates 2—35320
copper formate tetradeuterate, sublattice rotation and spin deviation, n.m.r. study 2—4410
critical properties, derivation from two-sublattice exchange interaction model 2—33164
defect systems in strong mag. fields, local and quasilocal states 2—10235
dielectric, heat conductivity, mag. field dependence 2—6686
dimethylammonium trichlorocuprate (II), low-temp. susceptibility, model obs. 2—33177
DPPH, transition phenomena rel. to g-factor temp. depend. 2—10463
electron states contrib. to magnetization from photoelectron spectroscopy 2—36637
glass, Fe_2O_3-rich, anomalous mag. behaviour 2—33132
Heisenberg antiferromagnet, one-dimensional, spin-wave theory and static correlations 2—10232
impurity virtual level, mag. field depend. 2—6990
insulator-metal, and mag. phase transitions, thermodynamic model 2 29832
insulators, effect of introduction of defects on spectrum of magnetic excitations 2—40543
invar, evidence at high pressure 2—33168
Invar alloys, susceptibility, temp., depend. 2—16397
layer struct., exchange-coupled critical temp. 2—22672
metal, electromagnetic fluctuations in a mag. field 2—6989
metamagnetic transition, cluster model 2—16390
neptunium (V) oxalate, properties studied from 2.4-37.5K, metamagnetic phase transition at 11.6K 2—19888
one-dimensional systems, spin dynamics, reson. obs. 2—40536
rare earth cobaltides, Ln-Ln′-Co ternaries; Ln,Ln′=Gd, Nd, Dy, Pr, Ho, magnetic characteristics 2—10213
rare earth orthoferrites, anisotropy in domain wall mobility 2—10252
rare earth orthoferrites, domain wall energies 2—13419
rare earth orthoferrites, $Ln_{1-x}Ca_xFe_{1-x}Sn_xO_3$, hyperfine interactions, Mossbauer obs. 2—7059
rare earth orthoferrites, rel. to use as logic elements 2—16366
rare earth perovskites, ordering 2—1645
scattering of low-frequency e.m. waves 2—7114
semiconductor, electromagnetic fluctuations in a mag. field 2—6989
spin waves, neutron and optical scatt., near ferromag.-antiferromag. transition 2—1615
steel, stainless, paramag. to antiferromag. transition 2—40476
TCNQ-NMP, low temp. one-dimens. obs. 2—19657
tetramethylammonium trichloronickelate (II), low-temp. susceptibility, model obs. 2—33177
TMMC, spin dynamics 2—22713
TMMC, spin waves 2—22697
transition metal oxide, Bloch and Heitler-London approach 2—13083
transition temperature, antiferromag. to paramag., differential scanning calorimeter determ. 2—13414
Ag-Mn alloy, nondilute, Kondo effect, magnetoresist. anomalies 2—19917
Au-Cr alloy, mag. anisotropy, mag. torque obs. 2—26032
Ba_2CoReO_6, ordered perovskite 2—22691
Ba_2FeS_3, $Ba_6Fe_8S_{15}$, $Ba_3Fe_3Se_7$, and cryst. chemistry 2—9332
$BaMnO_3$(2H), Neel temp. and mag. struct. obs. 2—19918
$Bi_2Fe_4O_9$, Mossbauer obs. 2—4442
CMN, layered antiferromagnetically ordered ground state predicted 2—10236
$CaCrO_3$, at 325K 2—4407
CaF_2, susceptibility obs. rel. to nuclear mag. ordering 2—6991
$Ca_3Fe_2Ge_3O_{12}$, mag. struct., super-superexchange interaction 2—26059
$CdCr_2S_4$, $CdCr_2Se_4$, chalcogenide spinel, lattice dynamics and mag. ordering 2—32806

Magnetic properties of substances continued
antiferromagnetic continued
$CePt_2$, ordering, susceptibility, cryst. field splitting 2—22424
CeZn, magnetic structure below 7.5 K 2—36758
Co-Fe alloy, neutron scattering by spin waves, effect of phonon scattering 2—29808
$(Co,Mn)F_2$, disordered system, study of mag. excitations by inelastic neutron scattering 2—4405
Co antigorites and talcs 2—36761
$Co_xCd_{1-x}Fe_2O_4$, comp. depend. 2—1639
$CoCl_2$, electronic Raman scatt. 2—16531
$CoCl_2$, exchange splitting of excited Kramers doublet in i.r. spectra 2—40660
$CoCl_22H_2O$, p.m.r., high mag. field, metamagnetic transitions, 4.2 K 2—20157
$CoCl_2.2H_2O$, approx. Ising system, n.m.r. of ^{59}Co 2—33352
$CoCl_2.2H_2O$, interacting magnons 2—22696
$CoCl_2.2H_2O$, magnetiz. process, computer simulation 2—19919
$CoCl_2.6H_2O$, sp.ht., critical phenomena 2—6677
CoF_2, Raman scatt. by excitons 2—16530
CoF_2 light scattering and exciton relaxation 2—16456
$CoIn_2S_4$, prep., elec. resist. 2—29800
$Co(NH_4)_2(SO_4)_2.6H_2O$, low temp. spin orientation, exchange effects 2—22702
CoO, short range mag. order 2—26060
CoO, spin flopping in pulsed intense mag. field 2—4408
$CoWO_4$, magnetization and reson. 2—36973
Cr-Co(Fe) dil. alloys, localized impurity influence on spin density wave 2—16388
Cr-Fe-Mn alloy, b.c.c. phase, Invar property 2—36354
Cr-Fe alloys, effect of pressure and alloying on itinerant ordering 2—36759
Cr-Fe dilute alloy, Mossbauer study 2—40622
Cr-Ir dil. alloys, rel. to elec. resist. anomalies 2—40546
Cr-Mn alloys, temp. depend. of mag. hyperfine field at ^{57}Fe 2—40621
Cr-Mo alloy, Seebeck coeff. rel. to para-antiferromag. transition 2—13415
Cr-Ti dilute alloys, determ. susceptibility between 320 and 4.2K 2—10237
Cr-W alloy, Seebeck coeff. rel. to para-antiferromag. transition 2—13415
Cr-X dilute alloys (X=V, Ru, Rh, Re) magnetoelastic props. 2—13416
Cr, anisotropic resistivity, crit. exponent in vicinity of Neel temp. 2—25767
Cr, calorimetric obs. of first order transition at 311K 2—36762
Cr, energy gaps, i.r. reflectivity obs. 2—36763
Cr, Lorenz number behaviour at Neel temp. 2—36366
Cr, Neel temp. depression due to impurities 2—19923
Cr, phase transitions, itinerant, in exchange field 2—1642
Cr, single cryst., single-Q state, by action of low temps. in presence of mag. field 2—16394
Cr, susceptibility, orthorhombic anisotropy 2—36764
Cr, u.s. attenuation near spin-flip transition 2—13035
Cr (III) binuclear complex, $[(NH_3)_5Cr(OH)Cr(NH_3)_4(H_2O)]Cl_5.H_2O$, electronic spectra, 4.2-300 K 2—10377
Cr comples $[Cr_4(OH)_6(en)_6](SO_4)_3.10H_2O$, spin interaction and heat capacity 2—19920
CrAs, mag. transition neutron diffr., specific heat, obs. 2—10242
Cr_2As, magnetic struct., neutron diffr. obs. 2—33170
CrB_2, sp. ht. and reist. obs. 2—33171
CrB_2, substituted, spin fluctuations in transition region 2—16395
CrF_2, weak ferromag. moment, canting 2—40558
CrO_2, impurity effects 2—16393
Cr_2O_3, magnetoelec. relax. effects, relax. peaks, complex dielec. technique obs. 2—40547
Cr_2O_3, optical observation of stress-induced spin flop 2—4403
α-Cr_2O_3, Raman spectra, magnon scatt. 2—16532
Cr_2S_3, rel. to deviation from stoichiometry 2—40522
$CrTaO_4$-TiO_2 solid solution, susceptibility 2—1224
$Cr_xTi_{2-x}O_3$ solid solution, weak ferromag., neutron diffr., 77-300K 2—19875
$CsCoCl_3.2H_2O$, canted Ising linear chain behaviour 2—40549
$CsCoCl_3.2H_2O$, mag. struct., exchange interactions 2—40548
$Cs_2MnBr_4.2H_2O$, transition exchange and anisotropy fields from spin flop and saturation fields 2—29834
$CsMnCl_3$, mag. struct., neutron diffr. 2—4409
$CsMnCl_3.2H_2O$, e.p.r. freq., short range order effects 2—20148
$CsMnCl_3.2H_2O$, e.p.r. linewidth anisotropy, spin correls. 2—40757
$CsMnCl_3.2H_2O$, proton distrib., mag. struct., neutron diffr. 2—33172
$CsMnF_3$, n.m.r. spin echo of ^{55}Mn, spin-spin relaxation 2—16403
$CsNiCl_3$, n.m.r. of ^{35}Cl and ^{133}Cs obs. 2—22703
Cu-Fe(Mn) alloy films, spin ordering 2—10243
Cu-Mn alloy, nondilute, Kondo effect, magnetoresist. anomalies 2—19917
Cu complex, $(C_2H_5NH_3)_2CuCl_4$, ferromag. layers coupled by very weak antiferromag. interaction 2—22683
Cu complex, $(C_2H_5NH_3)_2$ $CuCl_4$, critical behaviour of perpendicular susceptibility 2—33173
Cu complex, bis(dimethylsulphoxide)copper(II) chloride, susceptibility, 4.2-298K 2—1641
Cu complex, dimethylammonium tirchlorocuprate(II) 2—40550
Cu complex $(C_2H_5NH_3)_2CuCl_4$, static torque meas. 2—22704
Cu tetrameric complexes, evidence for large antisymmetric superexchange 2—26057
$CuCl_2.2H_2O$, low temp. mag. thermal expansion 2—19433
$CuCl_2.2H_2O$, parallel pumping of spin waves 2—40551
$CuFeS_2$, single crystal, mag. suscept. 2—25272
$CuFeS_2$, susceptibility obs. 2—9334
$CuFeS_{2-x}$, $Cu_{1-x}Fe_{1+x}S_{2-y}$, prep., structure and mag. suscept. 2—26062
$Cu_4Fe_4S_8$, $Cu_{18}Fe_{16}S_{32}$ and $Cu_9Fe_9S_{16}$, struct. and susceptibility 2—32454
CuN_6, Neel temp., superparamag. phase and superexchange interaction, rel. to explosive props. 2—1688
$Cu(NO_3)_2.2.5H_2O$, cross relax. among spin pairs, from high freq. susceptibility 2—19921
$Cu(OH)_2$, Neel temp. phenomena 2—26061
DyAl garnet, two-sublattice Ising model characteriz. 2—40552
$DyAlO_3$, optical absorpt. spectra, magnetic ordering effects 2—33259
$DyAsO_4$, mag. struct., phase transformation 2—36765
$DyAsO_4$, neutron diffr. obs. 2—13417
DyCu, mag. struct., neutron diffraction obs. 2—10238
DyOOH, and metamag. props., Neel temp. obs. 2—19926
$DyPO_4$, exchange interactions 2—19922
$DyPO_4$, magnetothermal resist., mag. phase diagram 2—22705
$DyPO_4$, neutron diffr. study 2—26063

Magnetic properties of substances continued
antiferromagnetic continued
$DyPO_4$, spin structure, confirmation as ideal 3D Ising system 2—4404
$DyPO_4$, susceptibility under saturating mag. field 2—20124
$DyPO_4$, transition obs. using ^{31}P n.m.r. 2—6992
$DyVO_4$, mag. struct., phase transformation 2—36765
Er-Mn-Al system, $ErMn_2$-$ErAl_2$ alloy 2—40553
$ErAl_3$, struct. and Neel temp., neutron diffr. obs. 2—26065
$ErFe_2$-$ErAl_2$, ordering 2—6974
$ErFeO_3$, spin reorientation, struct., neutron diffr. 2—26064
$ErFeO_3$, spin reorientation 2—4411
ErOOH, and metamag. props., Neel temp. obs. 2—19926
ErRh, equiatomic compound, mag. moment compared with crystal field calc. 2—19884
ErRh, mag. struct. 2—40554
$ErVO_4$, magnetothermal resist., metamag. transition 2—22707
Eu, spiral phase rel. to Fermi surface geometry 2—36766
$Eu_{1-x}Gd_xS$, ordering 2—36710
$Eu_xLa_{1-x}Al_2$ reversal of coupling, RKKY analysis, intermetallic compounds containing rare earth elements 2—4412
$EuPb_3$, at 22K 2—4346
EuSe, polycryst., specific heat 0.5-16K 2—22423
EuSe, spin struct. of phase below 1.8K 2—16396
EuTe, cante-paramag. transition 2—25673
EuTe, canted-paramag. transition 2—29665
EuTe, electron states contrib. to magnetization from photoelectron spectroscopy 2—36637
EuTe, insulating and conducting single cryst. props. 2—29835
Fe-Al alloy, β-phase, magnetization and susceptibility 2—1629
Fe-Al alloys, high-field depend. of magnetization 2—40480
Fe-Cr-Ni, austenitic steel, ferro-antiferromag. transition 2—26038
Fe-Ir-Pt alloys, rel. to appearance of ferromagnetism. 2—40473
Fe-Mn and Fe-Mn-Ni alloys, Invar anomaly 2—13051
Fe-Ni-Mn alloy, Co-substituted, Invar theory 2—40499
Fe-Rh alloys, model of antiferromag.-ferromag. transition 2—29836
Fe-V alloys, Neel pt. obs. 2—16350
Fe complex, (Fe Salen $Cl)_2$, mag. hyperfine field, exchange const. 2—40624
$FeBO_3$, magnetiz. moments, canting, n.m.r. obs. 2—36768
$FeBO_3$, photomag. effect, domain struct. 2—33174
$FeCO_3$, far-i.r. transmission, Neel pt. phenomena 2—40638
$Fe_xCd_{1-x}Fe_2O_4$, comp. depend. 2—1639
$FeCl_2$, zero field props., spin waves, magnons 2—26066
$FeCl_2$, zero field props., long-range order 2—29837
$FeCl_2.2H_2O$, Mag. phase diagram, metamag. transitions 2—36767
$FeCl_2.2H_2O$, magnon-phonon interaction, microscopic description 2—40556
FeF_2, critical neutron scatt. 2—10248
FeF_2, exchange fields, press. depend. 2—40555
FeF_2, light scatt., one magnon spectrum, temp. depend. 2—16537
FeF_2, ordering depend. of Raman scatt. 2—36901
FeF_2, sp. ht. and sound vel., Ising behaviour 2—40072
FeF_2, weak covalency effects 2—36788
$FeIn_2S_4$, $FeIn_2S_{4-x}Se_x$, prep., elec. resist. 2—29800
$Fe_2Mo_3O_8$, ordering, Mossbauer obs. 2—33220
(1-x)Fe_2O_3-x Al_2O_3, hematite, mag. dilution effects on Morin phase transition, Mossbauer obs. 2—19915
α-Fe_2O_3, antiferromag. resonance, 117 Gc/s, ferromag. phase transition 2—10471
α-Fe_2O_3, haematite, field induced phase transitions 2—13418
Fe_2O_3, haematite, single-domain crysts., polyaxial nature of anisotropy 2—36769
α-Fe_2O_3, tightly pinned domain walls 2—36770
FeOOH, thermal conversion to sesquioxide, paramag. to antiferromag. transform., Mossbauer obs., 400-900K 2—40628
$Fe_{65}(Pt_xIr_{1-x})_{35}$, temp. and comp. depend. 2—29817
FeRh, ferro-antiferromag. transition, electron entropy contrib., positron annihilation obs. 2—16372
FeRh alloy, ordered, diffuse scatt. of neutrons, mag. moment obs. 2—10247
FeRhIr alloy, para- and ferro- to antiferromag. transition, pressure dependences 2—4374
FeSn, hyperfine parameters, Mossbauer study 2—29884
$FeTaO_4$-TiO_2 solid solution, susceptibility 2—1224
Fe_2TeO_6, magnetoelec. effect, susceptibility 2—40557
$GdAlO_3$, u.s.-spin wave interaction 2—32837
$GdAsO_4$, mag. phase diagram 2—36771
GdAs(P)(S)(Sb), spin polarized photoelectrons from cond. states, susceptibility, exchange interactions 2—40559
Gd_3(Fe,Co,Ni), pseudobinary, struct. rel. to mag. props. 2—33175
β-$Gd_2(MoO_4)_3$, ferroelectric, mag. moment and susceptibility, 0.4-4.2K, fields up to 90 kG 2—10239
GdP(As)(Sb), electron states contrib. to magnetization from photoelectron spectroscopy 2—36637
$GdPO_4$, transition obs. using ^{31}P n.m.r. 2—6992
$GdPb_3$, at 17K 2—4346
$GdPd_3$, low temp. behaviour 2—19829
$GdVO_4$, mag. phase diagram 2—36771
$GdVO_4$, magnetothermal resist., spin wave dispersion curves 2—22706
^3He, pressure due to magnetic ordering 2—18870
Ho, critical effects near Neel pt., u.s. obs. 2—29838
$HoCrO_3$, spin reorientation, struct., neutron diffr. 2—26064
HoRh, equiatomic compound, mag. moment compared with crystal field calc. 2—19884
HoRh, mag. struct. 2—40554
$Ho_xTb_{1-x}Fe_2$ cubic Laves compounds, directions of easy magnetization determ. by Mossbauer effect in ^{57}Fe 2—19916
$In[M^{2+}In]S_4$ spinel, (where M=Fe, Co, Ni) negative Weiss constants, electron delocalization 2—26000
Ir_2MnAl alloy, and cryst. struct. 2—22160
K(Co, $Mn)F_3$, disordered system, study of mag. excitations by inelastic neutron scattering 2—4405
$KCoF_3$, double magnons, Raman spectra obs. 2—20071
$KCoF_3$, one and two exciton Raman scatt., magnon scatt. 2—36902
K_2CoF_4, two-dimensional antiferromagnet, ^{19}F n.m.r. anomaly near critical temp. 2—30027
$KFEF_4$, mag. struct., hyperfine spectra, sublattice magnetiz. 2—40564
$KFeF_3$, weak covalency effects 2—36788
$KFeF_4$, mag struct., neutron diffr. and Mossbauer studies 2—26067

Magnetic properties of substances continued
antiferromagnetic continued
$KMF_3:Ni^{2+}$, (M=Mg,Mn), ordering effects, absorpt. transition temp. depend. obs. 2—33267
$KMnF_3:Mg$, Neel temp. shift due to doping 2—10508
$KMnF_3:Ni(Co)$, absorption spectra, exciton-magnon struct., impurity effects 2—6993
$KMnF_3$, n.m.r. linewidth, critical behaviour 2—10555
K_2MnF_4, ENDOR, spin reduction, Mn^{2+} hyperfine splitting 2—7154
K_2MnF_4, n.m.r. linewidth, critical behaviour 2—10555
$KNiF_3$, magnon sideband in optical absorption spectra, positive identification using mag. circular dichroism 2—36882
$KNiF_3$ Raman scatt. by four magnons 2—36903
K_2NiF_4, anisotropy, antiferromag. reson. study 2—36974
K_2NiF_4, family, phase transition and critical phenomena 2—16392
$LaFeO_3$, spin orientation rel. to ferroelasticity 2—25633
$LaRuO_3$-$SrRuO_3$, comp. depend. 2—10214
$La_xSr_{1-x}RuO_3$ solid solns., effects of Sr substitution by La on mag. behaviour 2—22708
$LiCr_{1-x}Fe_xO_2$, ordering and exchange, magnetization and susceptibility meas. 2—19924
$LiCrO_2$, rel. to electronic struct. determ. using. opt. absorpt. spectrum 2—19512
$Li(Fe_{0.5}Ta_{0.5})O_2F$, ceramic, ferroelectric, magnetoelectric effect 2—4413
$LuCrO_3$, spin reorientation, struct., neutron diffr. 2—26064
$Mg_xCd_{1-x}Fe_2O_4$, comp. depend. 2—1639
$Mg_xFe_{3-x}O_4$, containing antiferromag. precip., rotational hysteresis 2—22693
Mn-Cr(Fe)((Ru)(V) dil. alloy, complex mag. interactions, resist. obs. 2—40561
Mn-Cu-Co alloy, Elinvar type, rel. to temp. depend. of elastic consts. 2—32581
Mn-Cu alloy, Elinvar-type, Neel point 2—13053
Mn complex, $(CH_3)_4NMnCl_3$, e.p.r. freq., short range order effects 2—20148
Mn_3B_4, mag. struct., neutron diffr. study 2—22709
Mn_3B_4, ordering and transition phenomena 2—1643
$MnBr_2.4H_2O$, mag. struct., and Neel temp. 2—3717
$MnCO_3$, critical behaviour 2—10249
$MnCO_3$, n.m.r. spin echo of ^{55}Mn, spin-spin relaxation 2—16403
$MnCO_3$, spin-wave excitations, dispersion curves, neutron inelastic scattering study 2—36760
$Mn_xCd_{1-x}Fe_2O_4$, comp. depend. 2—1639
$MnCl_2.4H_2O$, susceptibility maximum, low field depend. 2—36773
$MnCr_2O_4$, mag. phase transition, mag. resonance obs. 2—4529
$MnCr_2O_4$, mag. phase transition, mag. resonance obs. 2—4529
$Mn_{1.88}Cr_{0.12}Sb$, antiferromag. to ferrimag. transition, obs. of magnon soft mode 2—22699
$MnF_2:Co^{2+}$, Raman scatt. by localized modes 2—16530
$MnF_2:Fe^{2+}$, exchange fields, press. depend., localized mag. mode 2—40555
$MnF_2:Ni,Fe$, impurity mode energy calc. 2—16562
$MnF_2:Ni^{2+}$, ordering effects, absorpt. transition temp. depend. obs. 2—33267
MnF_2, anisotropic, critical damping of uniform mode 2—26068
MnF_2, dipolar interaction and mag. lattice symmetry interplay 2—10510
MnF_2, light scatt., magnon pairs at spin flop transition 2—16537
MnF_2, mag. Raman scatt. 2—36906
MnF_2, magnon-photon coupling 2—22747
MnF_2, magnon sp. ht. and thermal cond., 0.4 to 4K 2—40073
MnF_2, spin-phonon interactions, elastic wave phase vel. detn. 2—22819
MnF_2, spin wave relaxation theory 2—36772
$MnIn_2S_4$, $Mn_2S_{4-x}Se_x$, prep., elec. resist. 2—29800
Mn_3NiN, mag. struct. and spin rotation 2—1644
MnO, antiferromag. domain struct., dislocations, ordering, struct. 2—10250
MnO, Mossbauer spectra of ^{119}Sn, Neel pt. phenomena, Zeeman splitting 2—13450
MnO, spin wave spectrum, 4.2 K 2—36775
$Mn(OH)_2$, superlattice refls., neutron diffr., spin sequence 2—36776
$MnPd_2$, mag. and cryst. struct., neutron diffr. obs. 2—16398
$MnPt_3$ alloy, coupling of nearest-neighbour Mn atoms 2—19925
Mn_3Pt alloys, local ordering 2—36774
MnS, spin wave dispersion, effect of magnon-magnon interact., and magnon sidebands 2—33176
$MnSO_4(.H_2O)$, mag. transitions, sp. ht. meas. 2—22710
Mn_3Sb, long-period antiferromag. to weak ferromag. transform. 2—40560
MnSe-MnTe solid soln., mag. susceptibility, 80-340K 2—40485
MnSe, exchange interactions, calc. 2—36777
MnTe, u.s. attenuation and ^{55}Mn n.a.r., spin flop fields 2—1426
$Nb_2Co_4O_9$ magnetoelectric effect after parallel annealing treatment 2—4406
Nd-Dy, alloys, ordering 2—19834
$NdCl_3$, magnetostriction model, second order phase transition 2—6985
$NdFeO_3$, mag. struct. 2—40565
Ni antigorites and talcs 2—36761
$Ni_xCd_{1-x}Fe_2O_4$, comp. depend. 2—1639
$NiCl_2.2H_2O$, low temp. anomalous mag. sp. ht. 2—22712
$NiCl_2.6H_2O$, mag. axes temp. depend., mag. anisotropy 2—22711
NiF_2, critical behaviour 2—10249
NiF_2, light scatt., magnetic field effects 2—16537
$Ni_xFe_{3-x}O_4$, containing antiferromag. precip., rotational hysteresis 2—22693
$NiIn_2S_4$, $NiIn_2S_{4-x}Se_x$, prep., elec. resist. 2—29800
NiMn alloy, electronic structure 2—33123
$Ni(NO_3)_2.6H_2O$, low temp. sp. ht., exchange interactions 2—1434
NiO, antiferromag, magnon excitation by electron tunnelling through Ni-NiO-Pb junctions 2—10240
NiO, magnetostriction, strain temp. depend. 2—6994
NiO, Raman scatt. by four magnons 2—36903
NiO, surface magnetization, exchange interaction temp. depend. electron scatt., $T_n \leqslant T \leqslant 295K$ 2—6995
NiO Raman, scattering by phonons, magnons and phonon- magnon interactions from 10-650K 2—26195
NiO surface, clean, exchange scatt. effects on LEED 2—39463
NiS, antiferromag.-paramag. transition 2—19515
NiS, metal-insulator paramag.-antiferromag. transition 2—16349
NiS, press.-temp. phase diagram and cryst. struct. 2—26069
NiS_2, magnetization, susceptibility, and weak ferromagnetism 2—33137
α-O_2, solid, mag. form factor, neutron diffr. obs. 2—29839

Magnetic properties of substances continued
antiferromagnetic continued
$PbFe_{1/2}(Mn_{1/2})Nb_{1/2}O_3$, spontaneous magnetoelec. magnetiz., destruction by mag. field 2—10251
PdMnTe, mag. moment and Neel temp. 2—33134
$PrCl_3$, magnetostriction model, second order phase transition 2—6985
$PrFeO_3$, mag. struct. 2—40565
Pu intermetallics, cubic, moments, ordering 2—40562
$Rb_2CoCl_4.2H_2O$, paramag.-antiferromag. transition, sp. ht. obs. 2—6996
$RbCoF_3$, u.s. vel. near Neel pt. 2—32828
Rb_2CoF_4, two-dimensional antiferromagnet, ^{19}F n.m.r. anomaly near critical temp. 2—30027
$RbFeCl_3$, one-dimens. ordering 2—40563
α-$RbFeF_4$, mag. struct., hyperfine spectra, sublattice magnetiz. 2—40564
$RbMF_3:Ni^{2+}$ (M=Fa, Co, Mn), ordering effects, absorpt. transition temp. depend. obs. 2—33267
$Rb_2MnBr_4.2H_2O$, transition exchange and anisotropy fields from spin flop and saturation fields 2—29834
$Rb_2MnCl_4,2H_2O$, transition exchange and anisotropy fields from spin flop and saturation fields 2—29834
$RbMnF_3:Ni$, impurity mode energy calc. 2—16562
$RbMnF_3$, antiferromagnetic, equilib. spin configuration calc. 2—26070
$RbMnF_3$, dipolar interaction and mag. lattice symmetry interplay 2—10510
$RbMnF_3$, equilib. spin configuration calc. 2—26070
$RbMnF_3$, magnetoelastic effects in thermal cond. 2—40096
$RbMnF_3$, magnon sideband temp. depend. calc. 2—33163
$RbMnF_3$, n.m.r. spin echo of ^{55}Mn, 4.2 K 2—16400
$RbMnF_3$, static susceptibility, 55 to 300 K 2—36778
Rb_2MnF_4, ENDOR, spin reduction, Mn^{2+} hyperfine splitting 2—7154
Rh_2-Mn-Al alloy, and cryst. struct. 2—22160
Si:P, exchange coupling in donor atom clusters, e.s.r. study 2—20150
Sm, moment and anisotropy 2—40495
Sm, struct. and form factor 2—40494
SmS(Se)(Te), exchange contribs. to e.p.r. 2—36991
$Sm_{0.55}Tb_{0.45}FeO_3$, domain wall mobility enhancement through X-irrad. compared with annealing 2—26071
$SrFe_6O_{13}$, rel. to Mossbauer effect 2—39652
$(TB,Y)_3Co$, intrinsic coercivity 2—29840
Ta_2MeO_6 (Me=Fe, Co, Ni, V, Cr) Neel temp., Curie temp., Curie constant and effective moment obs. and calc. 2—40566
Tb-Mn-Al system, exchange interactions 2—40553
TbOOH, and metamag. props., Neel temp. obs. 2—19926
$TbPO_4$, ordering, rel. to Jahn-Teller distortion 2—36779
$TbPO_4$, transition obs. using ^{31}P n.m.r. 2—6992
$TbPd_3$, low temp. behaviour 2—19829
$TbZn_2$, magnetic structure below 60°K 2—36758
Tbal garnet, phase diagram 2—40567
$TmFeO_3$, spin reorientation, ^{57}Fe, n.m.r. obs., 75-114 K 2—16663
$TmFeO_3$, $TmCrO_3$, spin reorientation, struct., neutron diffr. 2—26064
$Tm_2(SO4)_3.\ 8H_2O$, ordering, sp.ht. obs. 2—16399
UAs-USe system, mag. phase transitions 2—4380
$UC_{1-x}N_x$, suscept. meas., 4-1100K, obs. of Neel temp. 2—40422
USe, 2.8-300K 2—26072
$V_{1-x}Cr_xB_2$, spin fluctuation effects 2—19927
$V_xCr_{1-x}B_2$, transition, n.m.r. obs. 2—36781
VF_3, ordering, heat capacity and n.m.r. obs. 2—36780
V_2O_5-P_2O_5 glass transition 2—32967
$VO_{1\|x}$, susceptibility, 100-1100 K, rel. to electron states 2—36782
Y-(10 wt.%) Tb alloy, spin wave dispersion relation 2—40569
$YFe_{1-x}Mn_xO_3$, critical conc. for spin reorientation 2—40568
$YFeO_3$, bubble domain detection by scanning electron microscopy 2—26074
$YFeO_3$, torque curve obs. in pulsed mag. fields 2—6997
YIG, spin configs. induced by anisotropic ions 2—26073
YbFe garnet, anisotropic, spin reorientations 2—40535
$YbFeO_3$, self-biased bubbles 2—36783
$YbFeO_3$, $YbCrO_3$, spin reorientation, struct., neutron diffr. 2—26064
Yb_2O_2S, and specific heat rel. to Yb^{3+} crystalline field 2—19928
$Yb_2O_2S(Se)$, Mossbauer spectra, Neel pt. phenomena mag. moments, h.f.s. 2—26133
$Zn_{0.87}Mn_{0.13}Fe_2O_4$, mag. struct., neutron diffr. obs. 2—36784
$Zn_xMn_{1-x}Re_2O_4$, antiferro-ferrimag. transition, neutron diffr. obs. 2—4399

diamagnetic
see also de Haas-van Alphen effect; Diamagnetism
azolidones, susceptibility, temp. and field depend. 2—19837
disubstituted benzenes, influence of substituents and their position on diamagnetic susceptibility 2—28349
electrolytic solution, quadrupolar relax. rate 2—6251
ferrocene, bonding, mag. anisotropy study 2—36660
graphite, infinite sheet, π-electron diamagnetism calc. based on perimeter polyacene model 2—10168
hydrocarbon molecules, susceptibility formulas 2—35334
inert gas diamagnetic susceptibility from scatt. factor meas., reanalysis 2—35127
metal, orbital susceptibility in tight-binding approx. 2—16345
metal, orbital susceptibility of electrons, theory 2—40411
metals, giant impurity diamagnetism, calc. using bound impurity orbitals 2—1602
molecules, large, susceptibility tensor, shielding, LCAO-MO calcs. 2—12085
molecules, susceptibility calc. using expressions for derivatives of eigenvalues of hamiltonian 2—37616
monocyclic molecules, susceptibility, small radius potential model, ring π-electron contrib. 2—38945
noble metal, spin and spin-oribt interaction dependent mag. pseudopot. 2—36659
pyrocarbons, boron doped, anisotropy during graphitization 2—3984
semiconductor, low temp. susceptibility in strong mag. field 2—33110
small gap semiconductor, effect of transverse elec. field on Landau diamag. and Pauli paramag. quantization of conduction band 2—9981
steel, austenitic stainless, for cryogenic appl. 2—12971
As—S, glassy system, susceptibility, differentiation into diamag. and paramag. components 2—4340
Bi_2Te_3, semiconductor, susceptibility, 90-650 K, energy gap calc. 2—25996
C, during graphitization rel. to activation energy determ. 2—29388
Cu fine particles, susceptibility, size effect 2—40772
FeP_2 single crystals, prepared by chemical transport reaction, magnetic susceptibility meas. 2—29798

Magnetic properties of substances continued

- **diamagnetic** continued
  - H_2S gas, diamagnetic susceptibility, calculation using SCF wavefunction 2–786
  - In, excess susceptibility above supercond. I_c 2–13159
  - K_2ReCl_6, irradiated, mag. susceptibility and structure modifications 2–4344
  - $LaPd_3$, room temp. behaviour 2–19829
  - $LiVS_2$, obs. at 4.2K 2–3713
  - $LuPd_3$, room temp. behaviour 2–19829
  - MoS_2, molybdenite, diamag. susceptibility 2–36513
  - Pb, susceptibility 2–33111
  - Se, solid-state and soln. props. 2–13375
  - Sn, supercond., enhanced diamag. above T_c due to thermal fluctuations 2–13178
  - $TaS_2(Se_2)$, 1s-forms, spin-orbit coupling 2–16412
  - Th_4H_{15} susceptibility rel. to supercond. props. 2–25772
  - Tl, excess susceptibility above supercond. I_c 2–13159
  - TlI, orthorhomibic and cubic modifications, susceptibility, paramag. and diamag. components, chem. shift calc. 2–4560
  - WOI_2, crystals 2–25254
- **ferrimagnetic**
  - *see also Ferrimagnetism*
  - ferrite, spinel, magnetic loss 2–16383
  - ferrite core, magnetomechanical loss and reverse permeability, effect of alternating field 2–19901
  - ferrites with low losses in 2cm range of wavelengths, unit for mag. susceptibility tensor det. 2–34283
  - garnet, mag. bubble domains, rel. to growth induced noncubic anisotropy 2–10285
  - garnet, polycrystalline, microwave component appl. 2–16371
  - garnet, quasi-static parallel reversible susceptibility 2–33155
  - garnet epitaxial film, growth induced mag. anisotropy 2–19904
  - ortho-ferrites, rare earth, magnetic anisotropy, Neel point and paramag. region 2–1638
  - orthoferrites, effect of polishing on domain struct. and coercivity 2–32332
  - orthoferrites, magnetoelastic properties near spin reorientation temperature 2–4395
  - oxide film, stress model 2–22069
  - Perminvar effect, domain wall effect on hysteresis loop shape 2–4356
  - rare earth cobalt intermetallics, press. depend. of ordering temps. 2–33142
  - rare earth cobaltides, Ln-Ln′-Co ternaries; Ln,Ln′=Gd, Nd, Dy, Pr, Ho, magnetic characteristics 2–10213
  - rare earth cobaltides, RCo_5 permanent magnet, prep. by pressing and sintering 2–19883
  - rare earth ferrite garnet, mag. struct., phase transition 2–4396
  - rare earth garnet films, bubble parameters, temp. depend. 2–36749
  - rare earth iron garnet, critical light scatt. at mag. compensation point 2–16457
  - rare earth iron garnet films, matching requirements for bubble form. 2–36750
  - rare earth iron garnets, control of bubble domain props. by Co^{3+} addition 2–22692
  - rare earth iron garnets, growth-induced anisotropy 2–40530
  - rare earth orthoferrites, grown by floating zone technique 2–22113
  - rare earth transition metal intermetallics strong field magnetiz. 2–33159
  - soft ferrites, general formula $MeFe_2O_4$ with Me divalent transition metal 2–29824
  - spinel, quasi-static parallel reversible susceptibility 2–33155
  - spinel ferrite, magnetiz. rel. to elec. cond. relaxation 2–10112
  - ytterbium iron garnet, anisotropy effects on field induced phase transitions 2–16387
  - $BaFe_{12-2x}Zn_xTi_xO_{19}$, Mossbauer effect, mag. hyperfine fields, Zeeman patterns 2–33216
  - Ba_2MReO_6, ordered perovskites, M=Mn, Fe, Ni, dominant π-type interactions 2–22691
  - $BaSc_xFe_{12-x}O_{19}$, anisotropy const. and specific magnetization 2–29828
  - $Ba_2Zn_2Fe_{12}O_{22}$, large amplitude oscillations of magnetic moments at 96 MHz, hyperfine field collapse, obs. using Mossbauer spectra 2–10226
  - $Co_xCd_{1-x}Fe_2O_4$, comp. depend. 2–1639
  - $CoCl_22H_2O$, antiferromag., p.m.r., high mag. field, metamagnetic transitions, 4.2 K 2–20157
  - $CoCl_2.2H_2O$, magnetiz. process, computer simulation 2–19919
  - $CoFe_2O_4$-Co_3O_4, coercive force, mag. ageing hysteresis 2–40520
  - Cr_2S_3, rel. to deviation from stoichiometry 2–40522
  - Cu-Cd ferrite, transition influence on elec. cond. 2–6983
  - $CuCr_2O_4$, magnetostriction, effects of non-collinear ordering 2–40517
  - Dy-Co-Ni ternaries, magnetic behaviour 2–10213
  - $DyFe_2$, giant room temp. magnetostriction 2–36741
  - $Dy_xR_{1-x}Fe_2$, R=Tb, Er, Tm, Mossbauer obs. 2–26123
  - $Er_2EuGa_{0.7}Al_{0.7}Fe_{3.6}O_{12}$ films, growth-induced anisotropy, temp. depend. 2–40523
  - ErFe, garnet, uniaxial anisotropy 2–10228
  - ErFe garnet, exchange interactions, far-i.r. Zeeman obs. 2–40637
  - Eu_3As_2 film, mag. ordering, photocond. and optical absorpt. study 2–36722
  - $EuCr_2S_4$, effect of lattice defects 2–32507
  - $Eu_{3-x}Er_xFe_5O_{12}$, domain wall mobility correl. with Ga conc. 2–40524
  - EuFe garnet, Eu-Fe exchange anisotropy n.m.r. obs. 2–36744
  - $Eu_xY_{3-x}Fe_{5-y}Ga_yO_{12}$ epitaxial films, domains, anisotropy, magnetiz. 2–36743
  - $Fe_xCd_{1-x}Fe_2O_4$, comp. depend. 2–1639
  - $Fe_{3-x}Cr_xO_4$, magnetiz., cryst. phase transition effects 2–19903
  - $FeCr_2S_4$, rel. to elec. transport props. 2–32977
  - γ-Fe_2O_3:Co micropowders, coercive force 2–16386
  - γ-Fe_2O_3, acicular, chain-of-spheres behaviour 2–33156
  - α-Fe_2O_3, c-axis mag. moment obs. 2–36745
  - α-Fe_2O_3, r.f. magnetostrictively-induced Mossbauer sidebands, particle size depend. 2–33219
  - Fe_3O_4, magnetite, Verwey and charge density wave state ordering 2–40526
  - Fe_3O_4, magnon dispersion relations, neutron diffr. obs. 2–36748
  - $Fe_{3-x}Sc_xO_4$, saturation magnetization, temp. depend. 2–36751
  - $Ga_xFe_{3-x}O_4$, $GaNiFeO_4$, n.m.r., spin echo spectra of ^{57}Fe, 4.2K 2–10547
  - Gd_2Co_7, n.m.r. study 2–4555
  - $Gd_3Fe_5O_{12}$:Si, domain struct. 2–10229
  - GdIG, substituted, compensation temperature 2–36746
  - $Gd_{1-x}Th_xFe_3$, two-sublattice model 2–40527
  - $Ho_xR_{1-x}Fe_2$, R=Tb, Er, Tm, Mossbauer obs. 2–26123

Magnetic properties of substances continued

- **ferrimagnetic** continued
  - Li-Mn mixed ferrite, valency induction effects 2–19905
  - $Li_{0.5}Fe_{2.5-x}Sc_xO_4$, saturation magnetization, temp. depend. 2–36751
  - MFe_2Se_4 (M=Ti, V, Cr, Fe, Co, Ni), mag. struct., neutron diffr., elec. cond., Mossbauer effect obs. 2–19908
  - $Mg_xCd_{1-x}Fe_2O_4$, comp. depend. 2–1639
  - $MgFe_2O_4$, effect of rare earth ion substitution 2–13412
  - $Mg_{0.993}Fe_{2.007}O_4$, Curie temp. rel. to cation ordering kinetics 2–15985
  - $Mg_{0.993}Fe_{2.007}O_4$, Curie temp., rel. to cation ordering kinetics 2–15985
  - $Mg_xFe_{3-x}O_4$, containing antiferromag. precip., rotational hysteresis 2–22693
  - $Mg_wMn_xFe_ySc_zO_4$, saturation magnetization, temp. depend. 2–36751
  - Mn-Zn ferrite, recording head, grain size effects on noise 2–10224
  - $Mn_xCd_{1-x}Fe_2O_4$, comp. depend. 2–1639
  - $MnCr_2O_4$, n.m.r. of ^{55}Mn, cone angle obs. 2–20163
  - $Mn_{1.88}Cr_{0.12}Sb$, antiferromag. to ferrimag. transition, obs. of magnon soft mode 2–22699
  - $MnFe_2O_4$, collinear spin struct., Mossbauer obs. 2–40617
  - $MnFe_2O_4$, magnon dispersion relations, neutron diffr. obs. 2–36748
  - $Mn_{0.82}Fe_{2.18}O_4$, acoustic losses due to disaccommodation mag. relax. effects 2–29538
  - $Mn_xFe_{3-x}O_4$, magnetic crystal anisotropy down to liq. He temps., meas. by torque method 2–4397
  - $Mn_xFe_{3-x}O_4$, magnetostriction consts. 2–1640
  - $Mn_xFe_{3-x}O_4$, octahedrally coordinated Mn^{3+} ion, contrib. to magnetic torque 2–4398
  - $Mn_xFe_{3-x}O_4$ film, magnetiz. reversal and Curie temp. 2–19907
  - Mn_4N_x, n.m.r. of ^{55}Mn, mag. ordering 2–10557
  - Mn_3NiN, mag. struct. and spin rotation 2–1644
  - $MnZnFe_2O_4$, rel. to Fe_2O_3 and calcined spinel particle sizes 2–33157
  - Ni-Zn ferrites, cryogenically crushed, prep. and props. 2–16384
  - $Ni_xCd_{1-x}Fe_2O_4$, comp. depend. 2–1639
  - $Ni_{1-x}Co_xFe_2O_4$, coercive force and magnetostriction, effect of prep. method 2–29829
  - $Ni_xCu_{1-x}Fe_2O_4$, Curie temp., cation distrib. influence 2–33158
  - $Ni_xFe_{3-x}O_4$, containing antiferromag. precip., rotational hysteresis 2–22693
  - $Ni_{85}P_{15}$, amorphous, temp. depend. of magnetization 2–22694
  - $Ni_{0.5}Zn_{0.5}Fe_2O_4$, effect of CoO addition 2–29830
  - Sm_6Mn_{23}, probe, meas. of mag. field at site of Sm nuclei 2–1651
  - $SrCr_2S_4$, effect of lattice defects 2–32507
  - $SrO.(6-x)Fe_2O_3.xAl_2O_3$,, bubble domain props. 2–22103
  - $SrSc_xFe_{12-x}O_{19}$, Curie temp. and elec. cond. 2–29674
  - $TbFe_2$, giant room temp. magnetostriction 2–36741
  - $Ti_{1-x}V(Cr)_xS_2$, low temp. deviation from complex paramag. behaviour 2–9350
  - UAsS(Se)(Te), 77-1000K, struct. and cryst. field 2–26026
  - V-Fe alloys, susceptibility temp. depend. 2–16350
  - $Y_{3-2x-a}Ca_{2x}Gd_aFe_{5-x-z}V_xIn_zO_{12}$, comp. depend., rel. to microwave applic. 2–40519
  - $Y_3Ga_xFe_{5-x}O_{12}$, temp. compensation point, Faraday rot. obs. 2–29831
  - YGdFe garnet, resonant motion of domain walls 2–40534
  - $Y_2GdFe_{4.2}Al_{0.8}O_{12}$, growth-induced anisotropy, microscopic theory 2–40533
  - YIG:Ga films, rare earth substituted, domain wall motion 2–40531
  - YIG, axially magnetized single cryst., magnetostatic reson. absorpt. modes 2–19909
  - YIG, fine struct. of spin wave instabilities 2–40748
  - YIG, growth-induced anisotropy 2–40532
  - YIG film, expt. verification of stress model 2–22069
  - YIG films, Ga-substituted, annealing effects 2–36752
  - YIG magnetoelastic delay lines with linear dispersion 2–33147
  - YbFe garnet, anisotropic, spin reorientations 2–40535
  - YbFe garnets, sp. ht. obs. of transitions 2–33160
  - $Zn_xFe_{3-x}O_{4-x}F_x$, saturation mag. moment 2–22695
  - $Zn_{0.87}Mn_{0.13}Fe_2O_4$, mag. struct., neutron diffr. obs. 2–36784
  - $Zn_xMn_{1-x}Re_2O_4$, antiferro-ferrimag. transition, neutron diffr. obs. 2–4399
  - $Zn_xNi_{1-x}Fe_2O_4$, effect of substitution 2–13413
- **ferromagnetic**
  - *see also Ferromagnetic relaxation; Ferromagnetic resonance; Ferromagnetism; Magnetization process; Magnetization state*
  - actinide intermetallics, long range ordering 2–40404
  - alloy, atomic ordering, phase transitions, spontaneous magnetization, stress effects 2–4369
  - alloy, domain wall pinning as source of mag. hardening 2–19858
  - alloy with 10% carbides, sintering process, coercivity and resist. obs. 2–19240
  - Alnico alloys, ferromagnetic phases, indirect evaluation of individual props. using electrochem. means 2–26031
  - Alnico crystal, mag. struct., remagnetization 2–1621
  - Alnico-V alloy, 0.5%Ti, metallurgical and mag. props. 2–4368
  - amorphous semiconductors, Curie-law magnetic susceptibility predicted 2–13213
  - anisotropy, due to nonsphericity of pores and inclusions 2–40451
  - B-1 type structures, ground state spin arrangement, theory 2–40539
  - B-site spinel, Weiss molecular field theory 2–36679
  - b.c.c. crystal, undergoing second order phase transition, struct. with unequal spins 2–22677
  - bis-(N,N-diethyldithiocarbamato)iron(III) chloride, ferromagnetic transition at 2.43K by intermolec. exchange, Mossbauer study 2–10209
  - boiler tubes, cold- rolled and hardened, e.m. inspection of microstructure and mechanical, electrical and magnetic properties 2–3934
  - β-brass, Ising model, phase changes, neutron scatt. obs. 2–26029
  - coercive field, analogy with precip. hardening 2–39912
  - cold-rolled electrical steel, characteristics 2–6961
  - deformable magnetically saturated media, continuum theory, field equations 2–11337
  - dimethylammonium trichlorocuprate (II), low-temp. susceptibility, model obs. 2–33177
  - domain wall energy density, effect on magnetization and mag. reversal 2–13389
  - Dzialoshinsky- Moriya type ferromagnet, spin flop weak ferromag. transition 2–19874
  - electroceramics, control of properties by microstructure 2–32738
  - electron microscope observation of magnetic effects 2–9405
  - europium chalcogenides, halide doped, spin cluster formation 2–4353
  - europium chalcogenides, optical transitions, magnetic order effect, energy level scheme 2–16488
  - eutectic, coercive force rel. to solidification rate 2–3437

Magnetic properties of substances continued
- **ferromagnetic** continued
  - α-Fe:C, magnetic after-effect 2—2336
  - Fe-Ni films, exchange stiffness const. 2—19897
  - ferrites, susceptibility down to 10^{-5}, ultrasensitive technique 2—23469
  - ferrodielectric, high order anharmonicity, effect on thermal cond. 2—6688
  - ferroelastic relationship 2—3828
  - ferroelectric ceramics, two- and three-phase, permeability 2—10117
  - ferromagnetics, dislocation struct., obs. by mag. techniques 2—36023
  - ferromagnets, multiaxial, mag. texture rel. to magnetisation phenomena 2—19873
  - film, deformed, magnetoelastic energy calc. 2—36720
  - film, domain wall energy meas., interpretation 2—19896
  - film, ferro-ferromagnetic multi-layer, stray field coupled, switching curves 2—4388
  - film, galvanomagnetic voltage charact. 2—4387
  - film, magnetization intensity var. during incoherent rotation 2—36719
  - film, point defects 2—4386
  - film, Procopiu effect, induced e.m.f. 2—6981
  - film, standing spin wave reson. of diffusion and coupling between films 2—40502
  - film, symmetrical walls, magnetostatic energy 2—4385
  - flux penetration including hysteresis and eddy current effects 2—13395
  - garnet, polycrystalline, microwave component appl. 2—16371
  - graphite intercalation cpds., comparison between ferromag. and supercond. 2—6959
  - graphite/FeCl$_3$ layered cpds., two-dimens. props 2—6973
  - heteropoly complexes, exchange interactions between pairs of differing spins 2—40464
  - Heusler alloys, hyperfine fields at Ni sites 2—40632
  - Heusler alloys, hyperfine fields at Sb sites 2—40633
  - hysteresis, mathematical model 2—17293
  - hysteresis curves, calc. of details, magnetization vector 2—4364
  - impedance in travelling magnetic field of ferromagnetic block limited by plane 2—30980
  - invar, ΔE effect, E=Young's modulus, variation with temp. 2—33145
  - invar, ΔE magnetovolume effect, Weiss two γ-states treatment 2—33146
  - Invar alloy, anomalous props., Mossbauer obs. 2—33221
  - Invar alloys, susceptibility, temp. depend., antiferromag. 2—16397
  - Invar effect origin 2—16379
  - Invar films, spin wave dispersion coeff. obs. 2—40744
  - ion slowing down in ferromagnetic material due to intense internal magnetic field 2—6701
  - Ising model, critical exponent for susceptibility in high density limit 2—22668
  - Ivar alloys, high field susceptibility, temp. and conc. depend. 2—4371
  - layer struct., exchange-coupled critical temp. 2—22672
  - liquids, gravitational convection due to magnetic heating 2—941
  - magnetism working group meeting, Salzburg, Austria March (1971) 2—4350
  - magnetization, Barkhausen jumps, stress effects 2—6964
  - magnetization, energy changes, low and moderate fields 2—29816
  - magnetoplumbite, domain nucleation at inclusions, critical inclusion radius 2—13390
  - magnetostriction, influence on X-ray diffr. curves 2—12710
  - magnetostrictive materials, stress effects, theory 2—36718
  - magnon-phonon interaction in a time-dependent magnetic field, quantum theory 2—40437
  - martensitic transformation, resist. and magnetization study 2—39987
  - mechanical stress effects 2—26043
  - metal, heat conductivity associated with spin degrees of freedom 2—13056
  - metal, spin polarization and spin fluctuation interactions 2—40440
  - metals, polycryst., temp. depend. of neg. Barkhausen jumps in magnetiz. process 2—29815
  - neptunium (V) oxalate, properties studied from 2.4-37.5K, metamagnetic phase transition at 11.6K 2—19888
  - Nimalloy, effect of Fe and Mo additions 2—13400
  - nonlinear resonance instability on Y ferrite single crystals 2—4531
  - permalloy, film, beam broadening due to inelastic electron scatt. 2—4389
  - permalloy, film, electro-deposited, time instability 2—10222
  - permalloy, plated wire, structure detn. 2—19899
  - Permalloy, thermomag. treated, magnetostriction. field depend., plane anisotropy 2—16377
  - Permalloy cct. elements, magnetiz. 2—36713
  - permalloy film, magnetization reversal, stray field blocking, rotational hysteresis 2—4393
  - permalloy film, spin-wave resonance fields, linewidths and intensities 2—13527
  - Permalloy films, domain patterns after plastic deform. 2—40508
  - Permalloy films, magnetostatic interaction of mosaic struct. elements 2—40505
  - Permalloy thin films, magnetic anisotropy in local regions, by Lorentz microscopy 2—13409
  - permanent magnet materials characterization 2—40514
  - Perminvar effect, domain wall effect on hysteresis loop shape 2—4356
  - propagation constants and wave impedance, generalized relationships 2—6969
  - rare earth, neutron diffr., theory 2—36698
  - rare earth cobalt intermetallics, press. depend. of ordering temps. 2—33142
  - rare earth cobaltides, Ln-Ln′-Co ternaries; Ln,Ln′=Gd, Nd, Dy, Pr, Ho, magnetic characteristics 2—10213
  - rare earth orthoferrites, rel. to use as logic elements 2—16366
  - rare earth transition metal intermetallics strong field magnetiz. 2—33159
  - rare earth-cobalt alloy permanent magnet characterization 2—40515
  - rare earth-cobalt alloys, permanent magnet characts. 2—40516
  - rare earth-cobalt intermetallics, coercive force, nucleating fields, ang. depend. 2—40491
  - semiconductor, doped, mag. disorder and metal-insulator transition 2—32961
  - semiconductor, review 2—40439
  - shock-induced anisotropy, demagnetiz., domain theory analysis 2—36706
  - shock-induced anisotropy, demagnetiz., mag. grain interaction 2—33130
  - spin waves, neutron and optical scatt., near antiferromag. transition 2—1615
  - static magnetic characteristics, method and apparatus development 2—6953
  - steel, austenitic, ferrite comp., Curie temp., saturation magnetization 2—4366
  - steel, austenitic stainless, ferrite content, permeability 2—27404

Magnetic properties of substances continued
- **ferromagnetic** continued
  - steel, Fe-Si, thin tape, effect of heat treatment 2—36717
  - steel, high-Cr, coercive force, effect of N content 2—36156
  - steel, local magnetization meas. by contact eddy current probe 2—29819
  - steel, martensitic stainless, effect of thermomagnetic treatment 2—36280
  - steel, stainless, field depend. of magnetization 2—40476
  - steel, transformer, eddy-current losses, mag. texture influence 2—40477
  - steel cores, glass coating effects on magnetostriction 2—39925
  - superferromagnetism, Gd, Gd-Au film 2—4390
  - susceptibility tensor components for polycryst. materials 2—36686
  - tetramethylammonium trichloronickelate (II), low-temp. susceptibility, model obs. 2—33177
  - titanomaghemite, saturation magnetization reversal on heating 2—16932
  - titanomagnetites, exchange anisotropy 2—41017
  - toroidal tape core, flux reduction and Block wall props., during stepwise magnetization reversal 2—26023
  - transition metal, reson. spin wave damping by cond. electrons 2—40739
  - transition metal alloy, narrow d-band behaviour 2—13082
  - transition metal alloys, disordered, spin fluctuations 2—10173
  - transition metals, density of states of majority spin bands 2—40443
  - transition metals and their alloys, transition region from para- to ferromag. 2—33129
  - transition temperature, ferromag. to paramag., differential scanning calorimeter determ. 2—13414
  - uniaxial cryst., domain nucleation at inclusions, critical inclusion radius 2—13390
  - uniaxial cryst., texture influence on magnetiz. and mag. reversals 2—40459
  - uniaxial plates, single-domain energy in wall-energy model 2—10194
  - YIG:Sn, temp. dependence of hyperfine field acting on ^{119}Sn, Mossbauer effect meas. 2—4354
  - YIG, domain struct. 2—6968
  - Ag$_5$MnAl alloy, remanent magnetiz., coercivity 2—10207
  - Au-Cr alloy, mag. anisotropy, mag. torque obs. 2—26032
  - Au-Fe alloys, (1-22 at.%Fe), ordering conc. depend. 2—16367
  - Au-Fe alloys, mictomagnetism 2—40461
  - Au-Fe dil. alloys, magnetiz., spin fluctuation model 2—22685
  - Au$_4$Mn, disordered, struct., mictomag. 2—40462
  - Au$_4$V, sp. ht., ordered and disordered states, mag. entropy 2—40070
  - Ba$_3$Co$_2$Fe$_{24}$O$_{41}$ and Ba$_3$CoZnFe$_{24}$O$_{41}$, n.m.r. of ^{57}Fe, magnetiz. reversal, domain walls 2—30024
  - BaFe$_{12}$O$_{19}$, coercive force, ang. variation 2—26033
  - BaFe$_{12}$O$_9$ dependence of domain structure on temperature 2—1617
  - CaCrO$_3$, below 90K 2—4407
  - Cd$_{x-1}$ Fe$_x$Cr$_2$S$_4$, $0 \leqslant x \leqslant 1$, static magnetization studies, model proposed 2—4352
  - CdCr$_2$S$_4$, CdCr$_2$Se$_4$, chalcogenide spinel, lattice dynamics and mag. ordering 2—32806
  - CdCr$_2$S$_4$, ferromagnetic moment, In, Sn substitution, spin counting 2—3565
  - Cd(Fe$_{1/2}$Nb$_{1/2}$)O$_3$ perovskite structure, behavioural anomalies below -225°C 2—1613
  - CdS, susceptibility measurement eliminating effects of prehistory 2—10208
  - CeAg, divergent mag. coeff. of resist. at T_c 2—6758
  - Ce$_2$Fe$_{17}$, ferro-helimag. transition and thermal exp. anomaly 2—26034
  - CeZn$_2$, magnetic structure above 7.5 K 2—36758
  - Co-Al-Mn alloy, saturation magnetisation, Mn content effects 2—40465
  - Co-Al, alloy, coercivity 2—22686
  - Co-Fe-Cu-Ce alloy, permanent magnet, directional solidification 2—25594
  - Co-Fe-Nb alloy, cold drawn, annealed, hardness, coercive force, magnetization 2—1625
  - Co-Fe-Ni/TaC(NbC), fibre reinforced eutectic systems, directional solidification, soft magnet 2—3438
  - Co-Fe-Ni-Nb alloys, semihard mag., remanence and coercive force, for reed switch applics. 2—40463
  - Co-Fe alloy, conc. depend. of av. mag. moment, Ising model calc. 2—16351
  - Co-Fe alloy, neutron scattering by spin waves, effect of phonon scattering 2—29808
  - Co-P film, chemical deposition, magnetization 2—13404
  - Co-Pd-Si alloy, amorphous, g-values, magnetiz., s-d exchange interactions 2—7110
  - Co, domain nucleation at inclusions, critical inclusion radius 2—13390
  - Co, electrodeposited effects of phase comp. and texture on coercive force and squareness ratio 2—1624
  - Co, film, texture and internal stress effects on perpendicular anisotropy 2—6982
  - Co, form factor, high temp. f.c.c. phase 2—36708
  - Co, polycryst., mag. domain struct., Kossel line obs. in scanning elec. microscope 2—33126
  - Co, powder, aerosol, partial hysteresis cycles at various degrees of oxidation 2—16376
  - Co, thermopower anomaly at Curie pt. 2—1582
  - Co crystal, internal magnetostriction, symmetry considerations 2—4359
  - Co film, amorphous, magnetoresist. 2—33151
  - Co film, bubble, domain nucleation 2—26048
  - β-Co fine particles, ferromag.-superparamag. transition, relax. behaviour 2—1626
  - Co foils, temp. stability of bubble domains 2—36699
  - Co thin crystal, bubble domain form. and struct. 2—19863
  - CoAl, mag. state nature rel. to conc. variation in near-stoichiometry region 2—22489
  - CoCl$_2$2H$_2$O, antiferromag., p.m.r. 4.2 K, high field, metamagnetic transitions 2—20157
  - CoCl$_2$.2H$_2$O, magnetiz. process, computer simulation 2—19919
  - CoMnSb, Heusler alloy, mag. struct., neutron diffr. obs. 2—19862
  - CoS$_2$, density of states of γ band, sp. ht. obs. at low temps. 2—22420
  - CoS$_2$, Mossbauer effect of ^{57}Fe, transferred hyperfine mag. field 2—40617
  - CoVSb, ferro- and para-mag. Curie temps. and mag. moments detn. 2—13397
  - Cr-Mn, itinerant electron model, phase changes, neutron scatt. obs. 2—26029
  - CrF$_2$, weak ferromag. moment, canting 2—40558
  - CrO$_2$:S, Curie pt., moments, coercivity 2—36714
  - CrO$_2$, n.m.r. of ^{53}Cr, hyperfine fields obs. 2—13551
  - Cr$_x$Sn$_{1-x}$Te alloys, mag. interactions, Curie temps. 2—33131
  - Cr$_3$Te, magnetic props. in ferromag. region 2—26036
  - Cr$_x$Ti$_{2-x}$O$_3$ solid solution, antiferromag. phase, neutron diffr., 77-300K 2—19875

Magnetic properties of substances continued
ferromagnetic continued
Cu-Fe(Mn) alloy films, ordering 2–10243
Cu-Mn alloys, heat treatment effects 2–39640
Cu-Ni alloys, Fe-doped, critical ordering temps. 2–40468
Cu-1%Co, single-multi domain transition of precipitates, neutron scatt. obs. 2–4361
Cu-1%Co, single domain precipitates, neutron scatt. obs. 2–4360
Cu complex, $(C_2H_5NH_3)_2CuCl_4$, ferromag. layers coupled by very weak antiferromag. interaction 2–22683
Cu complex, $Cu(C_2H_5NH_3)Cl_4$, diff. mag. susceptibility , phase diagram 2–16374
Cu complex, $Cu(C_nH_{2n\|1}NH_3)_2X_4$, X=Br,Cl, near two dimensional Heisenberg ferromagnet, mag. anisotropy obs. 2–16373
Cu complex $(C_2H_5NH_3)_2CuCl_4$, static torque meas. 2–22704
Cu_3Au:Fe alloy, atom ordering, electron struct. elec. resist., mag. susceptibility 2–9921
$Cu_xCd_{1-x}Cr_2Se_4$, grown by travelling heater method 2–39585
$CuFe_2O_4$-$MnFe_2O_4$-Mn_3O_4 solid solution, effect of heat treatment 2–1627
Cu_2NiSn-Mn alloy, Heusler type, s-d exchange energy 2–22674
Dy, elastic constants contribution 2–39764
Dy, intrinsic coercive force 2–40469
Dy, magnon energy spectrum 2–40441
DyRh, equiatomic compound, mag. moment compared with crystal field calc. 2–19884
DyRh, mag. struct. 2–40554
Er-Gd(Tb) (Dy) (Ho) alloy, mag. struct., exchange interactions, anisotropy, neutron diffr. 4.2-293K 2–26024
Er-Gd(Tb)(Ho)(Dy) alloys, mag. struct., neutron diffr., 4.2-293k 2–26024
Er-Mn-Al system, $ErMn_2$-$ErAl_2$ alloy 2–40553
Er, at 4.6K in magnetic cone phase, neutron scattering by spin waves studied 2–10189
Er, field depend. spin struct. 2–40470
Er, sp. Hall e.m.f. anisotropy field and temp. depend. rel. to ordered struct. 2–16380
Er Fe garnet film, epitaxy, magnetic bubble domain 2–29823
$ErCo_2$- $ErAl_2$, domain wall effects and partial disorder 2–33127
$ErCo_3$, mag. structure, neutron diffr. obs. 2–36703
$ErFe_2$-$ErAl_2$, ordering 2–6974
$Er_6(Mn_xFe_{1-x})_{23}$ mixed crystal, magnetization, 4-300 K, Curie temp., comp. depend. 2–4370
EuB_6, indirect exchange interactions 2–10171
$Eu_{1-x}Gd_xS$, ordering 2–36710
$Eu_xLa_{1-x}Al_2$ reversal of coupling, RKKY analysis, intermetallic compounds containing rare earth elements 2–4412
EuO:Fe, Gd films, Curie temp. obs. 2–13438
EuO:Gd, spin correl. function 2–40662
EuO, coupling between 4f electrons, perturbation theory 2–19854
EuO, Curie temp. phenomena of thermal cond. 2–19457
EuO, dipolar contrib. to anisotropy energy 2–36704
EuO, Heisenberg ferromagnet, critical neutron scattering 2–10190
EuO, Heisenberg model, phase changes, neutron scatt. obs. 2–26029
EuO, insulator-metal transition rel. to long range mag. order 2–36529
EuO, magnon side-bands in luminesc. spectrum 2–36926
EuO, Raman scatt., two magnon spectra and bound state 2–16536
EuO, spin wave dispersion curves, exchange interactions 2–40472
EuO, susceptibility, microwave, diagonal and non-diagonal, equality 2–1628
EuO film, sputtered, enhanced props. 2–12658
EuO films, ordering variations of elec. resist. 2–36504
Eu_3P_2 film, mag. ordering, photocond. and optical absorpt. study 2–36722
EuS, coupling between 4f electrons, perturbation theory 2–19854
EuS, dipolar contrib. to anisotropy energy 2–36704
EuS, Heisenberg ferromagnet, critical neutron scattering 2–10190
EuS, Heisenberg model, phase changes, neutron scatt. obs. 2–26029
EuS, magnetiz., tunnelling obs. 2–36709
EuS, semiconductor, magnetoresist., transient photocond. 2–10136
EuS, spin wave dispersion curves, exchange interactions 2–40472
EuSe:Gd(La), effect of mag. struct. on hyperfine interactions 2–13444
EuSe, coupling between 4f electrons, perturbation theory 2–19854
EuSe, dipolar contrib. to anisotropy energy 2–36704
EuSe, ordered, n.m.r. signals analysis 2–10546
Eu_2SiO_4, ferroelastic, optical absorpt. spectra, Faraday rotation, cryst. struct. 2–10195
Eu_2SiO_4, nuclear gamma resonance study of ferromag. transition temp., quadrupole interaction, hyperfine field and isomer shift 2–19855
Eu_3SiO_5, nuclear gamma resonance study of ferromag. transition temp., quadrupole interaction, hyperfine field and isomer shift 2–19855
Eu_3SiO_6, susceptibility and magnetiz., Curie temp. 2–40471
$Eu_xY_{3-x}Fe_{5-y}Ga_yO_{12}$ epitaxial film, suitability for bubble domain devices 2–22690
Fe-Al, Fe-Ga, temp. depend. of hyperfine field at Fe atom, Mossbauer obs. 2–33222
Fe-Al alloy, β-phase, magnetization and susceptibility 2–1629
Fe-Al alloy, disorderd, induced uniaxial mag. anisotropy 2–4373
Fe-Al alloy, influence of hot and cold rolling and annealing 2–6980
Fe-Al alloy, mag. loss vs. temp. curves 2–19878
Fe-Al alloys, high-field depend. of magnetization 2–40480
α-Fe-C, permeability disaccommodation, Arrhenius law parameters for C Snoek relax. 2–3849
Fe-C alloy, tempered, C distribution, mag. and dilatometric analysis 2–3928
Fe-Co-V alloy, effect of original Fe purity on mag. props. 2–36238
Fe-Co alloy, rel. to Co diffusion 2–39741
Fe-Cr-Co system, ductile permanent magnet 2–40474
Fe-Cr-Ni, austenitic steel, ferro-antiferromag. transition 2–26038
Fe-Cr alloy, ferromag. transition, rel. to low temp. specific heat anomaly 2–13398
Fe-Gd alloy, film, mag. compensation 2–13405
Fe-Ir-Pt alloys, appearance of ferromagnetism 2–40473
Fe-Ir, dil. alloy, nuclear electric quadrupole interaction of Ir nuclei, n.m.r. 2–20160
Fe-Mn, alloy, cold rolled, annealed, residual induction, coercive force, squareness ratio 2–19876
Fe-N solid solution, mag. field orienting of Fe_8N precipitate 2–3993
Fe-Ni-Al-Co alloy, use of mag. texture to determine quality of thermomag. treatment 2–36239
Fe-Ni-Co/SiO_2/Fe-Ni-Mo layer system, domain boundaries and coercive force 2–13407

Magnetic properties of substances continued
ferromagnetic continued
Fe-Ni-Co, thermal expansion, low temp. invar anomalies, magnetic field dependence 2–16052
Fe-Ni-Co, thermal expansivity, effect of Co on invar characteristics 2–16051
Fe-Ni-Mn alloy, Co-substituted, Invar theory 2–40499
Fe-Ni-P film, mag. field induced anisotropy 2–36725
Fe-Ni, alloys, electron irrad. effects, ordered phase obs. 2–29818
Fe-Ni alloy, coercive field, Neel theory 2–33136
Fe-Ni alloy, initial magnetiz. by wall displacement 2–26027
Fe-Ni alloy, quenched-in vacancies, anisotropy study 2–39679
Fe-Ni alloys, Curie pt. shift under hydrostatic press. 2–40478
Fe-Ni alloys, invar anomalies, model from electron diffr. obs of coarsening 2–16053
Fe-Ni alloys, magnetovol. effects 2–13402
Fe-Ni alloys at 50 Hz 2–6960
Fe-Ni film, domain boundary creep, temp. depend., 20 to −190°C 2–9644
Fe-Ni film, electrodeposited on cylindrical substrate, hysteresis loops 2–40507
Fe-Ni films, exchange const. determ. from standing spin wave reson. 2–10467
Fe-Ni Invars, Mn-substituted, Curie temp. press. depend. 2–40483
Fe-P-B alloy, amorphous, splat cooling prep. 2–10211
Fe-Pb alloy, powder, magnetostatic phase interaction effects 2–26051
Fe-Pd-Si, amorphous alloy, Mossbauer spectral study, magnetism model based on local ferromag. order 2–4375
Fe-Pd alloy powders, mag. reversal mechanism 2–40512
Fe-Pd epitaxial film, anisotropy 2–36724
Fe-Rh alloys, model of antiferromag.-ferromag. transition 2–29836
Fe-S film, magnetization, S conc. depend. 2–40479
Fe-(3 wt.%)Si, alloy, domain struct. and mag. losses in hard direction 2–40448
Fe-Si, annealing, 800°C, grain growth, texture, magnetostriction effects 2–9805
Fe-Si, dislocation-ferromag. domain interaction, x-ray obs. 2–10198
Fe-Si, in alterniating mag. field, domain boundary displacement 2–36701
Fe-Si, rel. to high temp. elastic consts. 2–9633
Fe-Si, temp. depend. of domain struct. 2–36689
Fe-Si alloy, mag. order, rel. to phase transform. 2–6636
Fe-Si alloy, magnetostriction, surface Ni film thickness depend. 2–1635
Fe-Si alloys, ordered, cond. electron spin density oscillations 2–1611
Fe-Si alloys, spin density distrib. 2–29809
Fe-Si ordered alloys, magnon states, domain walls 2–1648
Fe-Si single crystal, mag. domain struct., X-ray topographical obs. 2–29814
Fe-(3.2 wt.%)Si alloy, deformed, Barkhausen jumps 2–40475
Fe-(3 wt.%)Si alloy, freq. depend. domain struct. rel. to losses 2–40449
Fe-Tb alloy, film, mag. compensation 2–13405
Fe-V alloys, susceptibility 2–16350
Fe-(Cu, Sb, Ir), dil. alloy, isotope pairs hyperfine struct. anomalies, n.m.r. spin echo obs. 2–20159
(Fe,Co,Ni)-NbC, magnetically soft eutectic composite 2–22687
Fe, cond. electron spin density oscillations 2–1612
Fe, domain and wall hyperfine fields 2–19985
Fe, film, texture and internal stress effects on perpendicular anisotropy 2–6982
Fe, intermediate stage in mag. ordering 2–13371
Fe, mag. loss vs. temp. curves 2–19878
Fe, mag. ordering contrib. to Mossbauer effect 2–40625
Fe, polycrystalline, remanent condition, domain struct., tensile stress effects 2–19865
Fe, thick epitaxial film, inclined 90° mag. domain walls, Lorentz microscopy obs. 2–13408
Fe, zone melted crystals, domain walls, X-ray topography obs. 2–10197
Fe alloys, magnetomech. damping, model obs. 2–26044
Fe film, electrodeposited, coercive force, effect of thiourea 2–25198
Fe film, electrodeposited, coercive force, effect of S-containing cpds. 2–19895
Fe film, electrodeposited, coercive force, effect of fine cryst. struct. 2–19894
Fe film and wire, transverse Procopiu effect 2–26052
Fe rich binary alloys, relation between magnetic viscosity field and induced anisotropy energy 2–36705
Fe suspended in toluene, dispersion by electro-condensation 2–28908
Fe thermal emissivities near Curie temperature 2–1440
Fe whiskers, domain configurations, Bloch walls and magnetization processes from d.c. to 200 kHz 2–36700
Fe whiskers, domain nucleation field, tensile stress effect 2–13392
Fe whiskers, magnetiz. processes and eddy currents 2–36711
Fe wires, Procopiu effect 2–10218
Fe_3Al, hyperfine fields for impurity Sn atoms, Mossbauer obs. 2–7058
$FeBO_3$, n.m.r. obs. of easy plane weak ferromag. 2–36768
Fe_3C, spin orientation, X-ray and Mossbauer obs. 2–36702
FeCo, ordering and anisotropy, equilib. state vs. temp. 2–22679
Fe_2MoO_4 spinel, spontaneous magnetization, compensation temp. 2–10210
(FeNi)-Au system, mag. moment props., magnetiz. and neutron scatt. obs. 2–36712
$FeNi_3$, Mossbauer spectra of ^{119}Sn and ^{57}Fe, hyperfine field, spin polarization 2–40623
$Fe_{1-x}Ni_xAl$ solid solns., susceptibility, moments, comp. depend. 2–39641
$Fe_{65}(Ni_{1-x}Mn_x)_{35}$, low temp. sp. ht. studies 2–33133
α-Fe_2O_3, antiferromag. haematite, field induced phase transitions 2–13418
α-Fe_2O_3, antiferromag. resonance, 117 Gc/s, phase transition 2–10471
αFe_2O_3, fine particles, thermoresonance, hysteresis, coercivity and anisotropy 2–16375
Fe_2O_3, haematite, single-domain crysts., polyaxial nature of anisotropy 2–36769
α-Fe_2O_3, magnetic domain structure studied by magnetic colloid observations, wall energies estimated 2–10196
α-Fe_2O_3, r.f. magnetostrictively-induced Mossbauer sidebands, particle size depend. 2–33219
Fe_3O_4, magnetite, metal impurity effects on Verwey transition temp., magnetic obs. 2–25719
Fe_3O_4, magnetite, Verwey and charge density wave state ordering 2–40526
$Fe(OH)_2$, dehydration, haematite transformation, magnetic props., Mossbauer and i.r. spectra 2–22862

Magnetic properties of substances continued
ferromagnetic continued
α-FeOOH, weak ferromagnetism, natural crystals and polycrystalline goethite 2—1614
Fe_3Pt, rel. to electronic contrib. to sp.ht. 2—26039
Fe_3Pt, rel. to Mossbauer effect of ^{57}Fe 2—22737
$Fe_{65}(Pt_xIr_{1-x})_{35}$, temp. and comp. depend. 2—29817
FeRh, ferro-antiferromag. transition, electron entropy contrib., positron annihilation obs. 2—16372
FeRhIr alloy, ferro- to antiferromag. transition, pressure dependence 2—4374
FeSi, wedge shaped crystal, domain width, thickness depend. 2—19864
Fe_3Si, hyperfine fields for impurity Sn atoms, Mossbauer obs. 2—7058
FeSn, hyperfine field temp. depend at Fe atoms, Mossbauer obs. 2—16434
$FeZnMo_3O_8$, ordering, Mossbauer obs. 2—33220
film, H_k and H_c meas., M_s vibration method 2—10220
Gd-Au, film, superferromag. 2—4390
Gd-Lu(Y) alloys, ^{165}Ho n.m.r., hyperfine interactions rel. to noncollinear magnetic order 2—7138
Gd-Y alloys, complex struct., Hall effect and magnetiz. 2—6975
Gd, critical thermopower, Curie pt., sp. ht. of ordering 2—40372
Gd, crystal structure, mag. field effect, 150-373K 2—22680
Gd, Curie pt. anomalous of u.s. vel. 2—9870
Gd, film, superferromag. 2—4390
Gd, form factor 2—40481
Gd, mag. moment distrib. 2—19879
Gd, magnetoelastic anomaly, in sound velocity 2—25490
Gd, magnetoelastic depend. of sound propag. at critical pt. 2—1425
Gd, spin wave contrib. to sp. ht. 2—13042
Gd films, stress effect on Curie temp. 2—40509
Gd intermetallic, with CsCl struct., influence of cond. electron mean free path on mag. props. 2—36715
$GdAl_2$, magnetization, Curie temp., e.p.r. obs. 2—26040
$GdAsO_4$, mag. phase diagram 2—36771
$GdCl_3$, microwave susceptibilities and spontaneous magnetization 2—1631
$Gd_3(Fe,Co,Ni)$, pseudobinary, struct. rel. to mag. props. 2—33175
GdN, coupling between 4f electrons, perturbation theory 2—19854
Gd_3S_4, effect on electronic transport props. 2—32981
$Gd_{1-x}Th_xFe_3$, two-sublattice model 2—40527
$GdVO_4$, mag. phase diagram 2—36771
$Gd_xY_{3-x}Fe_{5-y}Ga_yO_{12}$ epitaxial film, suitablity for bubble domain devices 2—22690
Ho-Er alloy, magnetic crystal anisotropies, magnetiz. obs. 2—40482
Ho, anisotropy, prediction of possible new intermediate spin ordering 2—19871
Ho, anomalous shear u.s. attenuation between T_n and T_c 2—32834
Ho, elastic constants contribution 2—39764
Ho, low temp., ^{165}Ho spin echo interpret. 2—10550
$HoCo_3$, mag. structure, neutron diffr. obs. 2—36703
$HoCrO_3$, below 140 K, weak ferromagnet, spontaneous moment and susceptibilities 2—4376
Ir-Mn-Al alloy, and cryst. struct. 2—22160
Ir-Mn-Sb alloy, and cryst. struct. 2—22160
$Ir_{0.92}Mn_{1.16}Sb_{0.92}$, mag. moment and Curie temp. 2—33134
K_2CuF_4, n.m.r. of ^{19}F, hyperfine interaction, unpaired spin densities 2—10552
$La_{1-x}Ba_xMn_{1-x}M_xO_3$, M=Mn, Ti, mag. space group, struct. 2—4362
$LaRuO_3$, $LaRuO_3$-$SrRuO_3$, temp. and comp. depend. 2—10214
$La_xSr_{1-x}RuO_3$ solid solns., effects of Sr substitution by La on mag. behaviour 2—22708
Li ferrite, Co^{2+} ferromag. relax., spin wave decay, disordering effects 2—36971
$LiCrS_2$, mag. struct., spin ordering at 4.2K 2—3713
Lu_2Fe_{17}, ferro-helimag. transition and thermal exp. anomaly 2—26034
$MgFe_{2-x}Ga_xO_4$ solid solution, struct., comp. depend. 2—19866
Mn_3AlC, n.m.r., hyperfine field determ. 2—20161
$MnAs_{0.97}P_{0.03}$, formation of ferromag. phase 2—4377
$MnAs_xSb_{1-x}$ solid solns., press. depend. of ferromag. transition 2—19880
MnBi, film, phase transitions and lattice parameters 2—4391
MnBi, preparation by solid diffusion, total excess sp. ht. for mag. transition at 640K 2—6962
MnBi, thermomag. props. 2—40484
$MnCO_3$, critical behaviour 2—10249
$Mn_{1-x}Cr_xAu_2$, helical to ferromag. transition 2—33135
$Mn_{5-x}Fe_xGe_3$, (x=0.5, 1.0 and 1.5), effects of Fe substitution in $Mn_5Ge_3D8_8$ struct. 2—19867
$Mn_xFe_{(3-x)}O_4$ magnetocrystalline and heat induced anisotropy 2—1616
Mn_3GaC, n.m.r., hyperfine field determ. 2—20161
$Mn_2Ge_ySb_{1-y}$, mag. anisotropy, temp. and comp. depend., 77-500K 2—6970
Mn_3NiN, mag. struct. and spin rotation 2—1644
MnP, helical, magnetiz. process, neutron diffr. obs. 2—40497
Mn_3Pt alloys, local antiferromag. ordering 2—36774
MnSb, Curie temp. press. depend. 2—40483
Mn_3Sb, long-period antiferromag. to weak ferromag. transform. 2—40560
MnSe-MnTe solid soln., mag. susceptibility, 80-340K 2—40485
$Mn_{1\|x}Sn$, polycryst. anisotropy consts., ferromag. reson., 120-273 K 2—10469
MnZn, atmospheric composition effect on cooling ferrites 2—36747
N_1 thermal emissivities near Curie temperature 2—1440
Na_2O-Fe_2O_3-TiO_2-SiO_2 glass, susceptibility, temp. depend. 2—1598
$Na_2[Ce(C_7H_3NO_4)_3]$-$15H_2O$ complex, magnetic specific heat and susceptibility, alternative low temperature materials 2—13385
$NdCo_2$, heat capacity obs., 8-300 K, rel. to mag. transitions 2—19869
$NdCo_3$, mag. structure, neutron diffr. obs. 2—36703
$NdNi_2$, mag. contrib. to sp. ht., 1.6-4K 2—16038
Ni-Al alloy with diffused surface layer of ^{57}Co, Mossbauer spectra 2—40619
Ni-Co alloy, creep, effect of mag. transform. 2—12873
Ni-Co alloys, influence of applied mag. field during electrolysis 2—19882
Ni-Co films, exchange stiffness const. 2—19897
Ni-Co layers electroplated on Cu wires, remagnetization 2—13411
Ni-Co single crystal, magneto-plastic effects 2—33144
Ni-Co(Cu)(Fe) dil. alloys, anisotropy energy 2—16369
Ni-Cr alloy, comp. depend. of mag. moment, rel. to band struct. 2—22688
Ni-Cu-Si alloys, saturation and effective moments 2—33116
Ni-Cu alloys, high field susceptibility, density of superparamag. clusters 2—26041
Ni-Fe Nb alloys, magnetic properties, electrical resistivity and hardness 2—4372

Magnetic properties of substances continued
ferromagnetic continued
Ni-Fe-Ti, alloy, and elec. resist., hardness 2—29812
Ni-Fe alloy, conc. depend. of av. mag. moment, Ising model calc. 2—16351
Ni-Fe alloy, current flow effect on hysteresis and domain wall motion 2—33148
Ni-Fe alloy, deformability, initial permeability, de-oxidation elements addition effect 2—4367
Ni-Fe alloy, shielding against current in coaxial config. 2—40488
Ni-Fe cylindrical film, transverse magnetiz. using modified Procopia effect 2—19881
Ni-Fe film, electrodeposited, critical curves 2—19898
Ni-Fe film, high temp. domain struct. 2—10223
Ni-Fe film, magnetization state, thickness and eddy current effects 2—36726
Ni-Fe film, trigger effect in constant mag. fields 2—40511
Ni-Fe films, magnetoresist., ang. depend. 2—33153
Ni-Fe films, rel. to struct. 2—36728
Ni-Fe rectangular hystersis core, flux reversed 2—36716
Ni-H system, crit. atomic ratio for disappearance of ferromagnetism 2—40490
Ni-H system, h.p. Hall effect 2—4378
Ni-Ir, dil. alloy, nuclear electric quadrupole interaction of Ir nuclei, n.m.r. 2—20160
Ni-Mn-Fe system, mag. anisotropy, magnetostriction, permeability 2—40455
Ni-Mn alloy, conc. depend. of av. mag. moment, Ising model calc. 2—16351
Ni-Mn alloy, magnetic anisotropy, magnetostriction 2—40454
Ni-(20.5wt.%)Mn alloy, mag. permeability, elec. props., homogenizing treatment effect 2—13399
Ni-Pt alloys, ferromag.-paramag. transition 2—40489
Ni-Rh alloy, low temp. heat capacity anomaly, superparamag. behaviour 2—13045
Ni-Rh alloys, elec. resist., giant mag. polarization clouds 2—22493
Ni-Rh alloys, giant moments 2—40486
Ni-Si alloy, energy changes in magnetiz. 2—33139
Ni-(Cu, Sb, Ir), dil. alloy, isotope pairs hyperfine struct. anomalies, n.m.r. spin echo obs. 2—20159
Ni-(11.1, 13.8 at.%)Al alloy, Curie temp. change, magnetization vs temp., ageing, precip. 2—29403
Ni, anisotropy energy press. depend. 2—6971
Ni, anisotropy of props. after plastic deform. 2—40450
Ni, applied stress effect on magnetomech. damping 2—33149
Ni, critical fluctuations, ^{100}Rh time differential perturbed ang. correl. obs. 2—40487
Ni, d-band photoelectron energy distrib. near Curie temp., exchange splitting 2—33091
Ni, deformed, coercive force and remanence, Bi films influence 2—6976
Ni, domain size and stability, scaling laws, Curie pt. region, neutron depolarization obs. 2—16365
Ni, electrolytic, anisotropy, magnetoelastic damping, hysteresis, in magnetic field 2—4379
Ni, film, electrodeposited, magnetization, substrate influence 2—4392
Ni, film, polycryst., annealing behaviour of magnetostrictively induced anisotropy 2—16381
Ni, Hall resist. rel. to induction, influence of $\Delta\rho/\rho$ effect 2—19548
Ni, intermediate stage in mag. ordering 2—13371
Ni, magnetic internal energy, temp. depend. 2—40457
Ni, magnetiz. press. depend. 2—19845
Ni, magnetomech. damping, plastic deform. effect 2—19890
Ni, magnetostriction coefficients 2—6978
Ni, magnetostriction constants 2—6977
Ni, microeddy current mag. damping 2—10215
Ni, powder, aerosol, partial hysteresis cycles, at various degrees of oxidation 2—16376
Ni, pressure depend. of magnetiz., itinerant electron model 2—16378
Ni alloy, magnetic anisotropy energy, temp. and impurities effect 2—19872
Ni complex, tetramethylammonium trichloronickelate(II), deviations from Curie-Weiss behaviour 2—40550
Ni electrolytic film, coercive force, tensile and torsional stress effects 2—4394
Ni film, critical grain size for ferromag. 2—40510
Ni film, microwave helicon- magnon interaction 2—16382
Ni granular films, magnetoresist. and Kerr rot. obs. 2—36727
Ni powders, coercive force and remanence, particle size depend. 2—40513
Ni single crystal, magneto-plastic effects 2—33144
Ni single crystal thin films, planar magnetoresistivity and planar Hall effect 2—40456
Ni_3Al, band calc. rel. to magnetic properties 2—4383
Ni_3Al, band model 2—40442
NiF_2, critical behaviour 2—10249
NiFe, Barkhausen noise, autocorrelation function 2—22684
Ni_3Fe alloy, correl. with short range order 2—25601
Ni_3Ga:Fe very dilute alloys, Mossbauer effect meas. of giant magnetic moments 2—19868
Ni_3Ga alloys, low temp. sp. ht., clustering and spin fluctuations 2—19856
Ni_3Mn alloy, electronic structure 2—33123
NiMnSb, Heusler alloy, mag. struct., neutron diffr. obs. 2—19862
$Ni_{85}P_{15}$, amorphous, temp. depend. of magnetization 2—22694
NiS_2, low temp. weak ferromagnetism 2—33137
$Ni_{0.5}Zn_{0.5}Fe_2O_4$, effect of CoO addition 2—29830
NpN, ordering moments, anisotropy 2—33140
NpSb, ordering, moments, anisotropy 2—33140
PbTe:Gd, localized moment effects 2—33141
Pd-Co dil. alloys, elec. resist., giant moments, exchange coupling 2—26042
Pd-Fe alloy, conc. depend. of av. mag. moment, Ising model calc. 2—16351
Pd-Fe alloys, mag. component of elec. resist. 2—40181
Pd-Mn dil. alloys, acoustic-spin-wave stiffnesses and ordering temps. 2—10191
Pd-Ni alloy, rel. to transport props. 2—22494
Pd-Ni alloys, paramag.-ferromag. transition 2—1606
Pd, mag. polarization of cond. electrons due to mag. moment 2—1632
Pr, fcc, dispersion of singlet triplet magnetic excitons as functions of temperature 2—6963
$PrCo_2$, heat capacity obs., 8-300 K, rel. to mag. transitions 2—19869
$PrCo_3$, mag. structure, neutron diffr. obs. 2—36703

Magnetic properties of substances continued
ferromagnetic continued
$Pr_{0.333}Cu_{0.1}Al_{0.566}$, magnetic and neutron diffraction studies 2—10216
$PrTl_3$, Curie temp. calc. 2—13377
Pr_3Tl, dispersion of singlet triplet magnetic excitons as function of temperature 2—6963
Pt- Ni alloys, ordered and disordered state props. 2—40419
Pt-Pd-Fe, alloys, mag. hardening and props. 2—29813
PtCo alloy, domain wall pinning as source of mag. hardening 2—19858
PtFe-PdFe(PtNi) alloy, order-disorder transformation, lattice parameters, magnetization, coercive force 2—1633
Pu, intermetallics, cubic, itinerant behaviour 2—40562
PuSb, ordering moments, anisotropy 2—33140
$RbFeCl_3$, one-dimens. ordering 2—40563
$RbMnF_3$ phase changes, neutron scatt. obs. 2—26029
Rh-Mn-Sb alloy, and cryst. struct. 2—22160
Sc_3In, mag. entropy, heat capacity obs. 2—40493
Sc_3In, ordering transitions, mag. entropy 2—40492
Si:P, weak exchange coupling in donor atom clusters, e.s.r. study 2—20150
Sm, moment and anisotropy 2—40495
Sm, struct. and form factor 2—40494
$SmCo_5$ alloy, domain wall pinning as source of mag. hardening 2—19858
$SmCo_5$ domain wall energy and coercive force 2—10200
$SmCo_5$ magnet, props. as function of Sm_3Co sintering aid 2—33143
$Sm_{1-x}Pr_xCo_5$ series, arc-melted, variation between cast and annealed compounds, aligning methods 2—13386
SmS(Se)(Te), exchange contribs. to e.p.r. 2—36991
SnTe:Gd, localized moment effects 2—33141
$SrO.4.1Fe_2O_3.1.9\ Al_2O_3$, reversal processes in hysteresis loops of single particle domains 2—33128
$SrO.(6\text{-}x)Fe_2O_3.xAl_2O_3$,, bubble domain props. 2—22103
Tb, magneto-elastic coupling, acoustic wave vel., magnon-phonon interactions 2—13393
$TbCo_3$, mag. structure, neutron diffr. obs. 2—36703
TbRh, equiatomic compound, mag. moment compared with crystal field calc. 2—19884
$TbZn_2$, magnetic structure in range 60-75°K 2—36758
$ThCo_5$-$ThNi_5$, Curie point and magnetization, comp. depend. 2—1634
$ThCo_{5-5x}(Ni_{5-5x})Fe$, Curie temp., magnetiz. 2—25348
UAs-USe system, mag. phase transitions 2—4380
UAsS(Se)(Te), 77-1000K, struct. and cryst. field 2—26026
β-U_2N_3, temp. depend. of magnetization 2—19885
U_3P_4, magnetization, 77-300K 2—26030
β-US_2, mag. moment, struct. refinement semiconduction 2—25828
USSe, magnetic props. studied including susceptibility 2—10217
USTe magnetic props. studied including susceptibility 2—10217
VAu_4, susceptibility obs., order-disorder transformation 2—19886
$Y_{3-2x}Ca_{2x}Fe_{5-x}V_xO_{12}$, dynamics of initial magnetiz. reversal processes 2—29820
$Y_{2\|x}Co_{17-2x}$, magnetocrystalline anisotropy, comp. depend. 2—40458
$YFeO_3$, bubble domain detection by scanning electron microscopy 2—26074
$YFeO_3$, domain boundary oscills., ^{57}Fe n.m.r., 77-300K 2—22681
$YFeO_3$, weak forromagnetism due to antisymmetrical exchange 2—6997
YIG, shock-induced anisotropy, demagnetiz., mag. grain interaction 2—33130
YIG, shock-induced anisotropy, demagnetiz., domain theory analysis 2—36706
YIG, spin wave conductivity 2—19844
YIG magnetoelastic delay lines with linear dispersion 2—33147
Zn-Mn-Al alloy, solid and liq., Curie-Weiss law behaviour 2—19887
Zn-Mn alloy, solid and liq., Curie-Weiss law behaviour 2—19887
$ZrZn_2$, low temp. heat capacity anomaly 2—40079
$ZrZn_2$, rel. to electronic struct. 2—40650
$ZrZn_2$, variation of Curie temp. as function of hydrostatic pressure 2—10192

paramagnetic
see also Paramagnetic resonance and relaxation; Paramagnetism
$(TCNQ)_2$-3,3(DTC), exchange interaction anisotropy 2—4345
actinide cpds., model for nuclear spin-lattice relax. in paramag. state 2—7009
alkali metals, susceptibility change due to pseudopot. mag. field depend. 2—1604
alloy, binary spin susceptibility, uniform exchange interactions 2—33113
Alnico-V alloy, 0.5%Ti, metallurgical and mag. props. 2—4368
azolidones, susceptibility, temp. and field depend. 2—19837
chloranil-amine charge transfer complex, elec. cond., e.p.r. 2—25832
correlators, multi-spin time dependent, decoupling at large times 2—6942
dimethylammonium trichlorocuprate (II), low-temp. susceptibility, model obs. 2—33177
electron gas, interacting, spin susceptibility calcs. 2—36666
ferric dithiocarbamate molecule, rel. to n.m.r. obs. 2—5965
ferromagnet, paramag. phase, impurity spin states 2—19830
induced moment systems, impurity effects 2—36662
insulator-metal, and mag. phase transitions, thermodynamic model 2—29832
lanthanide cpds., model for nuclear spin-lattice relax. in paramag. state 2—7009
manganic dithiocarbamate molecule, rel. to n.m.r. obs. 2—5965
metal:Sm^{3+}, mag. susceptibility calc. 2—26002
metal, orbital susceptibility of electrons, theory 2—40411
metal, spin susceptibility, surface effects 2—40414
metallic system, local moments, Hubbard model 2—36665
molecule, isotropic n.m.r. shift, liquid and solid state 2—6250
neutron matter, magnetic susceptibility 2—33660
one-dimensional systems, spin dynamics, reson. obs. 2—40536
polyconjugated systems 2—6001
rare earth cobalt intermetallics, e.p.r. obs. 2—10519
rare earth cobalt intermetallics, e.p.r. obs. 2—10518
rare earth cobalt intermetallics, press. depend. of ordering temps. 2—33142
rare earths, magnetostriction in terms of exchange coeffs. and cryst. potential parameters 2—40415
semiconductor, Seebeck effect of paramag. polaron 2—10133
semiconductor, transition to conduction electron paramag. 2—33110
small gap semiconductor, effect of transverse elec. field on Landau diamag. and Pauli paramag. quantization of conduction band 2—9981
spin-phonon interaction, rotationally invariant theory 2—13376
steel, stainless, paramag. to antiferromag. transition 2—40476

Magnetic properties of substances continued
paramagnetic continued
TCNQ salt, enhanced nuclear relaxation near Mott transition 2—33182
tetramethylammonium trichloronickelate (II), low-temp. susceptibility, model obs. 2—33177
transition metal, cubic, susceptibility rel. to shear distortion interaction with nucl. spins. 2—25997
transition metal alloys, disordered, spin fluctuations 2—10173
transition metals, dynamic spin susceptibility 2—6948
transition metals and their alloys, transition region from para- to ferromag. 2—33129
transition temperature, differential scanning calorimeter determ. 2—13414
ytterbium ethylsulphate, calc. from crystal field parameters 2—36794
Al_xNbSe_2, Pauli type behaviour 2—25643
As—S, glassy system, susceptibility, differentiation into diamag. and paramag. components 2—4340
Au-Fe alloys, liq., susceptibility, temp. and conc. depend. 2—15611
Au-V dil. alloys, impurity susceptibility, ^{51}V n.m.r. obs. 2—33114
B, susceptibility, low temp. 2—30007
B, susceptibility temp. depend. 2—10170
BN:C, e.s.r. obs. 2—20131
$BaBiO_3$, susceptibility 2—4206
$BaVO_3$ high pressure, above 77K 2—3740
$Bi_2Fe_4O_9$, Mossbauer obs. 2—4442
C pyrolytic, susceptibility, rel. to e.p.r. spectra 2—22829
$CaCrO_3$, at high. temps. 2—4407
$CaVO_3$ Pauli, in perovskite-type metavanadates 2—3740
$CeAl_x$, susceptibility and n.m.r. obs., electronic contribs. 2—7134
$CePd_3$, Pauli-type behaviour 2—19829
$Ce_{1-x}Pr_xO_2$, mag. moments determ. 2—33115
$Ce_xY_{1-x}Al_3$, susceptibility, Curie-Weiss behaviour 2—16658
Co^{2+}, in octahedral environment, rel. to lattice-ion interactions 2—7018
CoF_2, light scattering and exciton relaxation 2—16456
CoF_2, Raman scatt. 2—16530
$CoIn_2S_4$, prep., elec. resist. 2—29800
Co_9S_8, metallic charact., Mossbauer effect, thermoelec. power 2—25766
Co_2Si, susceptibility, physical props. 10-350K 2—40141
CoTiSb, susceptibility detn. 2—13397
Cr-Mo alloy, Seebeck coeff. rel. to para-antiferromag. transition 2—13415
Cr-Ti dilute alloys, determ. susceptibility between 320 and 4.2K 2—10237
Cr-W alloy, Seebeck coeff. rel. to para-antiferromag. transition 2—13415
CrAs, mag. transition neutron diffr., specific heat, obs. 2—10242
$Cr_{0.8}Fe_{0.2}OOH$, thermal conversion to sesquioxide, paramag. to paramag. transform., Mossbauer obs., 400-900K 2—40628
α- Cr_2O_3, Raman scatt. by phonon modes 2—16532
$1.8Cr_2O_3{\cdot}0.5SrO{\cdot}4.2Fe_2O_3$, paraprocess anisotropy at Curie pt., h.f. mag. field 2—6946
Cu-Cd ferrite, transition influence on elec. cond. 2—6983
Cu-Mn alloys, heat treatment effects 2—39640
Cu-Zn alloys, Fe local moment behaviour 2—40416
Cu complex, $(C_2H_5NH_3)_2\ CuCl_4$, critical behaviour of perpendicular susceptibility 2—33173
$CuCl_2.2H_2O$, low temp. mag. thermal expansion 2—19433
Cu(II) complex, magnetic susceptibility meas. below 77°K 2—35986
Cu(II) complex, mixed ligand chelate, anisotropy and susceptibility 2—36668
Cu_xNbSe_2, Pauli type behaviour 2—25643
Dy, elastic constants contribution 2—39764
$DyPd_3$, Curie law behaviour 2—19829
Er, Hall effect coeff. anisotropy 2—16380
Er, magnetic component of resist. 2—6759
$ErFe_2$-$ErAl_2$, ordering 2—6974
$ErPd_3$, Curie law behaviour 2—19829
EuB_6, indirect exchange interactions 2—10171
EuO type cpds., susceptibility temp. depend. 2—1605
$EuPd_3$, lowest multiplet energy levels, depend. 2—19829
EuTe, cante-paramag. transition 2—25673
EuTe, canted-paramag. transition 2—29665
EuTe, insulating and conducting single cryst. props. 2—29835
Fe-Al alloys, high-field depend. of magnetization 2—40480
Fe-Co alloy, rel. to Co diffusion 2—39741
Fe-Ir-Pt alloys, rel. to appearance of ferromagnetism 2—40473
$(Fe, Mn)WO_4$, natural crystals, anisotropy and susceptibility between 90 and 700K 2—6945
$(Fe,Ni)_9S_8$, metallic charact., Mossbauer effect, thermoelectric power 2—25766
Fe (II) complex, bis(2,2′-bipyridyl)series, mag. moments and suscept., spin free spin paired solids 2—19984
Fe alloy, liq., susceptibility maxima, Curie-Weiss law 2—39389
$FeIn_2S_4$, $FeIn_2S_{4-x}Se_x$, prep., elec. resist. 2—29800
FeOOH, thermal conversion to sesquioxide, paramag. to antiferromag. transform., Mossbauer obs., 400-900K 2—40628
FeRhIr alloy, para- to antiferromag. transition, pressure dependence 2—4374
FeSn, hyperfine parameters, Mossbauer study 2—29884
FeV_2O_4, susceptibility, Curie const. 2—19833
Gd, crystal structure, mag. field effect, 150-373K 2—22680
Gd, mag. moment distrib. 2—19879
Gd, magnetoelastic depend. of sound propag. at critical pt. 2—1425
Gd films, stress effect on Curie temp. 2—40509
GdAs(P)(S)(Sb), antiferromag.-paramag. transition, 4.2K 2—40559
$GdNi_5$, reciprocal susceptibility, Curie-Weiss behaviour 2—16346
Gd_xNi_y intermetallics, moment behaviour 2—22664
Ge:Nd,Eu, susceptibility and localized states 2—13270
Ge-Fe alloys, liq., susceptibility, temp. and conc. depend. 2—15611
Ho, critical effects near Neel pt., u.s. obs. 2—29838
Ho, elastic constants contribution 2—39764
HoOOH, obs., 2.4-273 K 2—19926
$HoPd_3$, Curie law behaviour 2—19829
$In[M^{2+}In]S_4$ spinel, (where M=Fe, Co, Ni) negative Weiss constants, electron delocalization 2—26000
$KDy(MO_4)_2$, absorpt. in parallel fields 2—6947
$K_3Fe(CN)_6$, quadrupole interaction and paramagnetic anisotropy temp. depend. 2—36845
$KMnO_3$, cluster model applic. 2—18961
$KMn_{1-x}X_xF_3$, (X=Zn,Ni,Fe), local susceptibility 2—40417
$KNiF_3$ ^{19}F n.m.r. study 2—13554
$LaRuO_3$, high temp. 2—10214
$La_xSr_{1-x}RuO_3$ solid solns., low temp. Curie-Weiss behaviour 2—22708
$LiYF_4$:Er^{3+}, temp. depend., determ. from cryst. field parameters 2—40421

Magnetic properties of substances continued
paramagnetic continued
$LuCo_2$, magnetiz. and specific heat obs. 2—25998
Mn-Cu-Co alloy, Elinvar type, rel. to temp. depend. of elastic consts. 2—32581
Mn complexes, tetrahalomanganate (II), meas. of magnetic susceptibility over range 1.3-300K 2—40674
$MnAs_{0.97}P_{0.03}$, para-ferromag. phase transition 2—4377
$MnCl_2$ solution, decay of coherent spin precession of polarized positive muons 2—18851
$MnF_2:Co^{2+}$, Raman scatt. 2—16530
$Mn_{1-x}Fe_xBe_2$ system, susceptibility, Curie-Weiss behaviour 2—19831
$Mn_{5-x}Fe_xSi_3$, crystal chemistry and bonding, mag. moment, Mossbauer effect obs. 2—25245
$MnIn_2S_4$, $Mn_2S_{4-x}Se_x$, prep., elec. resist. 2—29800
Mn_3NiN, mag. struct. and spin rotation 2—1644
MnO, neutron scatt., modified convolution approx. model applied 2—33112
Mo, cryst, plastic deform. rel. to paramag. susceptibility 2—16347
$NaReO_4$, irradiated, mag. susceptibilitiy and structure modifications 2—4344
Nd-Dy, alloys, ordering 2—19834
$NdPd_3$, cryst. field effects at low temp. 2—19829
Ni-Al alloy with diffused surface layer of ^{57}Co, Mossbauer spectra 2—40619
Ni-Co alloy, creep, effect of mag. transform. 2—12873
Ni-Cr alloy, comp. depend. of mag. moment 2—22688
Ni-Cu-Au(Si)(Zn), ternary alloys, reciprocal mag. susceptibility, antiparallel coupling 2—4347
Ni-Cu-Si alloys, saturation and effective moments 2—33116
Ni-Pt-P-Cr alloys, amorphous, localized moment, susceptibility 2—6761
Ni-Pt alloys, ferromag.-paramag. transition 2—40489
Ni-Rh alloys, giant moments 2—40486
Ni, near- paramag. region, induced magnetiz., Mossbauer obs. 2—40634
Ni catalysts, collective paramagnetism 2—6944
Ni granular films, magnetoresist. and Kerr rot. obs. 2—36727
Ni_3Al, band calc. rel. to magnetic properties 2—4383
$NiIn_2S_4$, $NiIn_2S_{4-x}Se_x$, prep., elec. resist. 2—29800
NiS, antiferromag.-paramag. transition 2—19515
NiS, metal-insulator paramag.-antiferromag. transition 2—16349
Ni_2Si, susceptibility, physical props. 10-350K 2—40141
Ni_3TeO_6, mag. moment, ligand field treatment 2—16348
NiTiSb, susceptibility detn. 2—13397
Pb-In(Tl) alloys, band struct., elastic consts., comp. depend. 2—6727
Pd-Er dilute alloy, susceptibility rel. to e.s.r. 2—30014
Pd-Ni alloys, paramag.-ferromag. transition 2—1606
Pd, PdH and PdD, susceptibility temp. depend. 2—29801
Pr, susceptibility and high field magnetiz. obs. 2—40418
$PrPb_3$, Van Vleck paramagnetism, temp. <15K 2—4346
$PrPd_3$, cryst. field effects at low temp. 2—19829
$PrTl_3$, Curie temp. calc. 2—13377
Pt- Ni alloys, ordered and disordered state props. 2—40419
Pt-Er dilute alloy, susceptibility rel. to e.s.r. 2—30014
Pt-Ir alloy, Mossbauer effect., n.m.r. 2—26306
α-Pu, susceptibility, localized moments 2—19835
Pu intermetallics, cubic, effective moments 2—40562
$Rb_2CoCl_4.2H_2O$, paramag.-antiferromag. transition, sp. ht. obs. 2—6996
$RbFeF_3$, ^{19}F n.m.r. study 2—13554
Rpb_3, R=Ce, Pr, Nd, Eu, Gd, temp. range 2.8-300K 2—4346
Sc, anisotropy, temp. depend. 2—40420
$ScVO_4:Er^{3+}$, temp. depend., determ. from cryst. field parameters 2—40421
Se, solid-state and soln. props. 2—13375
$SmPd_3$, lowest multiplet energy levels depend. 2—19829
SmS(Se)(Te), exchange interactions 2—36669
$SrIrO_3$ Pauli, in high pressure form 2—3731
$SrMoO_4:Er^{3+}$, temp. depend., determ. from cryst. field parameters 2—40421
$Sr_2Ni_xAl_{1-x}SbO_6$ solid solns., susceptibility temp. depend., Ni^{3+} props. 2—13378
$SrVO_3$ Pauli, in perovskite-type metavanadates 2—3740
Ta_2CrO_6-$TaCrO_4$ system, domain struct., Jahn-Teller effect 2—26095
$TbAsO_4$, second order phase transition, no mag. ordering 2—10172
Tc, anisotropy, temp. depend. 2—40420
Ti and Ti-Al alloys, temp. depend. of susceptibility 2—4348
TiO_x, susceptibility 2—32992
$Ti_{1-x}V(Cr)_xS_2$, complex behaviour, Curie-Weiss plot, 150-1210K, susceptibility obs. 2—9350
TlI, orthorhomibic and cubic modifications, susceptibility, paramag. and diamag. components, chem. shift calc. 2—4560
TlI, orthorhomibic and cubic modifications, susceptibility, paramag. and diamag. components, chem. shift calc. 2—4560
$TmVO_4$, Lande g-factor value determ. by mag. susceptibility and mag. moment obs. 2—22665
UAsS(Se)(Te), 77-1000K, struct. and cryst. field 2—26026
$UC_{1-x}N_x$, paramag. temp., effect of C content 2—40422
β-U_2N_3, susceptibility, Curie-Weiss low behaviour 2—19885
U_3P_4, magnetization, 77-300K 2—26030
V-Co alloys, n.m.r. obs. 2—10566
V-Fe alloys, low temp. susceptibilities 2—33117
V-Fe alloys, susceptibility temp. depend. 2—16350
V-X, alloy, dilate, X=Mo,Rh,Ta,W,Re,Os,Ir, susceptibility, Knight shift 2—19836
VAu_4, susceptibility obs., order-disorder transformation 2—19886
$V_{1-x}Co_x$, alloy, $0<x<0.75$, susceptibility, Knight shift 2—19836
VO_2, susceptibility, correl. with Knight shift, rel. to band struct. 2—33118
VO_x, susceptibility 2—32992
$YAG:Er^{3+}$, calc. from crystal field parameters 2—36794
YCo_2, magnetiz. and specific heat obs. 2—25998
$YPO_4:Er^{3+}$, temp. depend., determ. from cryst. field parameters 2—40421
$YVO_4:Er^{3+}$, temp. depend., determ. from cryst. field parameters 2—40421
YbOOH, obs., 2.4-273 K 2—19926
$ZnCr_2O_4$, exchange integral determ. from neutron scatt. obs. 2—22666

transitions
alkaline earth peroxides and ozomides, ordered state transition probability 2—10205
alloy, mag. long range- short range order transition, mag. torque obs. 2—26032
antiferromagnet, metamagnetic transition, cluster model 2—16390
antiferromagnet, uniaxial, field induced transition at low temp. Green's function method 2—33166

Magnetic properties of substances continued
transitions continued
antiferromagnetic, in exchange fields 2—1642
antiferromagnetic to paramagnetic, transition temp., differential scanning calorimeter determ. 2—13414
antiferromagnetic- ferrimagnetic transition pt., periodic domain struct. 2—10230
b.c.c. crystal, undergoing second order phase transition, struct. with unequal spins 2—22677
bis-(N,N-diethyldithiocarbamato)iron(III) chloride, ferromagnetic transition at 2.43K by intermolec. exchange, Mossbauer study 2—10209
1,3-bisdiphenylene-2-phenylallyl-benzene complex, paramag.-antiferromag. transition at 1.695 K 2—26058
β-brass, Ising model, phase changes, neutron scatt. obs. 2—26029
copper(II) acetates, antiferromagnetic transitions 2—35320
critical light scatt. anomalies 2—10331
critical phonon attenuation exponent in ferromagnets and antiferromagnets 2—9872
critical point exponents, three dimensional Heisenberg ferromag., Green's function appl. 2—26008
critical spin fluctuations in itinerant electron ferromagnet 2—13379
Curie temp. of anisotropic Heisenberg ferromagnet, Dembinski decoupling scheme calcs. 2—36684
Curie temp. of Heisenberg ferromagnet with ferromag. impurities, Green's function theory, decoupling scheme calcs. 2—36685
Curie temperature, classical-spin biquadratic exchange 2—19870
Curie temperature, second order phase transition, thermodynamic approach 2—19821
DPPH, antiferromag. transition, rel. to g-factor temp. depend. 2—10463
Dzialoshinski- Moriya type weak ferromagnet, spin flop transition 2—4400
Dzialoshinsky- Moriya type ferromagnet, spin flop weak ferromag. transition 2—19874
ferroelastic crystals 2—12988
ferromagnet, uniaxial, Landau theory of second-order transitions 2—6952
ferromagnet, weak itinerant limit, validity range of Landau theory 2—40431
ferromagnet/antiferromagnet, critical fluctuations 2—6956
ferromagnetic easy plane transition, applic. of Landau theory 2—15954
ferromagnetic film, molecular field theory 2—40433
ferromagnetic to antiferromagnetic, coupled e.m.-spin wave phenomena 2—10175
ferromagnetic to paramagnetic, field dependence, theory 2—4349
ferromagnetic to paramagnetic, transition temp., differential scanning calorimeter determ. 2—13414
first order, renormalized critical behaviour 2—16343
Heisenberg anisotropic classical ferromagnet 2—36671
insulator-metal, and mag. phase transitions, thermodynamic model 2—29832
Invar alloy, anomalous props., Mossbauer obs. 2—33221
Invar alloys, susceptibility, temp. depend., antiferromag. 2—16397
Ising ferromagnet, effect of pair-correlations on phase transition, double-time Green's function approach 2—16361
Ising system, magnetostriction model for second order transition 2—6985
Ising systems of triplet ions with zero field splittings 2—36670
Landau theory applic. 2—6936
layer-type magnets, weakly anisotropy, transition temps. rel. to anisotropy 2—22682
magnetostriction model for second order transition 2—6985
metal, elec. resist. at antiferromag. transitions 2—25760
rel. to metal-nonmetal transition 2—6708
metallic system cond. electron scatt. by critical fluctuations 2—40122
metamagnetic, tricritical pts., droplet model 2—10234
Neel temp. calcs. for 2-dimens., antiferromagnetc in X-Y model 2—36756
neptunium (V) oxalate, properties studied from 2.4-37.5K, metamagnetic phase transition at 11.6K 2—19888
point group irreducible represent., antisymmetrized squares and symmetrized cubes 2—40430
quadrupole transitions, in systems with large biquadratic interactions, study in molec. field approx. 2—4334
rare earth Co compounds, magnetiz. and specific heat obs. 2—25998
rare earth cobalt intermetallics, press. depend. of ordering temps. 2—33142
rare earth compounds, effects of high pressure on meas. 2—5100
rare earth cryst., critical u.s. vel., spin diffusion coeff. 2—29530
rare earth ferrite garnet, mag. structure 2—4396
rare earth intermetallic compounds, role of mag. exchange in determining physical properties 2—10206
rare earth pnictides lattice distortion model 2—1597
semiconductor, transition to conduction electron paramag. 2—33110
spin waves, neutron and optical scatt., near ferromag.-antiferromag. transition 2—1615
Stanley Kaplan transition in isotropic Heisenberg ferromag., Green function theory 2—13382
steel, austenitic, ferrite comp., Curie temp., saturation magnetization 2—4366
steel, stainless, paramag. to antiferromag. transition 2—40476
superconducting film, rel. to Ginzburg-Landau parameter determ. 2—9968
transition metal, para-ferromag. transitions, Hubbard model, tenfold d-electron degeneracy 2—36676
transition metal ion cpds., low-spin-high-spin transitions 2—40496
transition metal spinels, cryst. distortion, rel. to T_c 2—3988
transition metals and their alloys, transition region from para- to ferromag. 2—33129
uniaxial antiferromagnet, field induced phase transitions 2—26056
$BaMnO_3(2H)$, Neel temp. obs. 2—19918
$Bi_2Fe_4O_9$, Mossbauer obs. above and below ordering temp. (T_N) 2—4442
Ce-Th alloys magnetic transitions, susceptibility study 2—1594
Ce_2Fe_{17}, ferro-helimag. transition and thermal exp. anomaly 2—26034
Co, thermopower anomaly at Curie pt. 2—1582
β-Co fine particles, ferromag.-superparamag. transition, relax. behaviour 2—1626
$CoCl_22H_2O$, antiferromag., p.m.r., high mag. field, metamagnetic transitions, 4.2 K 2—20157
$CoCl_2.2H_2O$, metamag. transitions, temp. depend. 2—10241
$CoCl_2.sH_2O$, computer simulation 2—19919
$CoCr_2O_4$, exchange const. detm., mag. resonance obs. 2—4529
Co_2O_3, low-spin high-spin transition 2—9468
Cr-Mn, itinerant electron model, phase changes, neutron scatt. obs. 2—26029

Magnetic properties of substances continued
transitions continued
Cr-Mo alloy, Seebeck coeff. rel. to para-antiferromag. transition 2—13415
Cr-W alloy, Seebeck coeff. rel. to para-antiferromag. transition 2—13415
Cr, calorimetric obs. of first order transition at 311K 2—36762
Cr, u.s. attenuation near spin-flip transition 2—13035
Cr single crystal, first order transition at Neel temperature 2—4402
CrAs, specific heat, neutron and X-ray diffr., latent heat of transformation 2—10242
CrB_2, substituted, spin fluctuations 2—16395
$1.8Cr_2O_3{\cdot}0.5SrO{\cdot}4.2Fe_2O_3$, paraprocess anisotropy at Curie pt., h.f. mag. field 2—6946
Cr_3Te, ferro- antiferromag. transition, mag. props. in ferromag. region 2—26036
$Cs_2MnBr_4.2H_2O$, transition exchange and anisotropy fields from spin flop and saturation fields 2—29834
$CsNiCl_3$, n.m.r. of ^{35}Cl and ^{133}Cs obs. 2—22703
Cu-Cd ferrite, ferrimag.-paramag. transition influence on elec. cond. 2—6983
Cu-Fe alloys, transforms. of Fe precipitates 2—39981
Cu complex, $(C_2H_5NH_3)_2\ CuCl_4$, critical behaviour of perpendicular susceptibility 2—33173
Cu complex, $Cu(C_2H_5NH_3)Cl_4$, diff. mag. susceptibility , phase diagram 2—16374
$Cu(OH)_2$, Neel temp. phenomena 2—26061
$DyAlO_3$, metamag. behaviour and magnetoelec. effect 2—10246
$DyAlO_3$, metamag. behaviour 2—10245
$DyAsO_4$, mag. struct., phase transformation 2—36765
$DyAsO_4$, neutron diffr. obs. 2—13417
$DyCo_2$, dilatation anomaly obs. 2—26054
DyOOH, Neel temp. determ. 2—19926
$DyPO_4$, antiferromagnetic, obs. using ^{31}P n.m.r. 2—6992
DySb, magnetic and structural phase transitions 2—33106
$DyVO_4$, mag. struct., phase transformation 2—36765
$Er_6(Mn_xFe_{1-x})_{23}$ mixed crystal, magnetization, 4-300 K, Curie temp., comp. depend. 2—4370
ErOOH, Neel temp. determ. 2—19926
Eu, intermediate stage in mag. ordering 2—13371
Eu, Neel pt. phenomena, excitation of helical mag. struct. 2—40759
EuFe garnet, critical pt. exponents 2—40525
$Eu_{0.1}La_{0.9}Al_2$, Curie temp. rel. to k-values in RKKY formalism 2—4412
EuO, Heisenberg model, phase changes, neutron scatt. obs. 2—26029
EuS, Heisenberg model, phase changes, neutron scatt. obs. 2—26029
Eu_2SiO_4, nuclear gamma resonance study of ferromag. transition temp., quadrupole interaction, hyperfine field and isomer shift 2—19855
Eu_3SiO_5, nuclear gamma resonance study of ferromag. transition temp., quadrupole interaction, hyperfine field and isomer shift 2—19855
EuTe, canted- paramag. transition 2—29665
EuTe, canted-paramag. transition 2—25673
EuTe, canted-paramag. transition 2—29835
Fe-Al alloy, β-phase, antiferromag. transform. 2—1629
Fe-Co alloy, para-ferromag., rel. to Co diffusion 2—39741
Fe-Cr-Ni, austenitic steel, ferro-antiferromag. transition 2—26038
Fe-Cr alloy, ferromag. transition, rel. to low temp. specific heat anomaly 2—13398
Fe-Ni alloys, Curie pt. shift under hydrostatic press. 2—40478
Fe-Rh alloys, model of antiferromag.-ferromag. transition 2—29836
Fe-Si alloy, mag. order, rel. to phase transform. 2—6636
α-Fe, Curie pt. anomalies in Sn diffusion coeffs. 2—39728
Fe, intermediate stage in mag. ordering 2—13371
FeF_2, critical neutron scatt. 2—10248
$(1-x)Fe_2O_3-x\ Al_2O_3$, hematite, mag. dilution effects on Morin phase transition, Mossbauer obs. 2—19915
α-Fe_2O_3, antiferromag. haematite, field induced 2—13418
α-Fe_2O_3, weak ferromag. phase, antiferromag. resonance, 117 Gc/s 2—10471
FeRh, ferro-antiferromag. transition, electron entropy contrib., positron annihilation obs. 2—16372
FeRhIr alloy, pressure dependence 2—4374
FeV_2O_4-Fe_3O_4 system, Curie temp. comp. depend. 2—10212
Gd, crystal structure, mag. field effect, 150-373K 2—22680
Gd, Curie pt. anomalous of u.s. vel. 2—9870
Gd, magnetoelastic depend. of sound propag. at critical pt. 2—1425
$GdAsO_4$, mag. phase diagram 2—36771
GdAs(P)(S)(Sb), antiferromag.-paramag. transition, 4.2K 2—40559
$GdCo_3$, Curie temp., hydrostatic press. effect 2—26001
Gd_2Co_7, Curie temp., hydrostatic press. effect 2—26001
$GdNi_2$, dilatation anomaly obs. 2—26054
$GdPO_4$, antiferromagnetic, obs. using ^{31}P n.m.r. 2—6992
$GdVO_4$, mag. phase diagram 2—36771
Ho, critical effects near Neel pt., u.s. obs. 2—29838
Ho, critical u.s. vel., spin diffusion coeff. 2—29530
$HoCo_2$, dilatation anomaly obs. 2—26054
$KMnF_3$, para- to antiferromag., Raman spectra obs. 2—16548
K_2NiF_4 family, two dimensional antiferromag., phase transition and critical phenomena 2—16392
$LaCoO_3$, high-spin low-spin transition 2—36283
$LiVO_2$, ^7Li and ^{51}V n.m.r. obs. above and below transition temp. 2—7143
$LuCo_3$, Curie temp., hydrostatic press. effect 2—26001
Lu_2Fe_{17}, ferro-helimag. transition and thermal exp. anomaly 2—26034
Mn-Cu-Co alloys, Elinvar-type, rel. to temp. depend. of elastic consts. 2—32581
$MnAs_{0.97}P_{0.03}$, para-ferromag. phase transition 2—4377
$MnAs_xSb_{1-x}$ solid solns., press. depend. of ferromag. transition 2—19880
Mn_3B_4, antiferromagnet, collinear to spiral struct., neutron diffr. obs. 2—22709
Mn_3B_4, elec. resist. studies of ordering changes 2—1643
MnBi, film, phase transitions and lattice parameters 2—4391
MnBi, preparation by solid diffusion, total excess sp. ht. for mag. transition at 640K 2—6962
$MnCO_3$, Neel pt. phenomena 2—10249
$Mn_{1-x}Cr_xAu_2$, helical to ferromag. transition 2—33135
$MnCr_2O_4$, exchange const. detm., mag. resonance obs. 2—4529
$Mn_{1.88}Cr_{0.12}Sb$, antiferromag. to ferrimag. transition, obs. of magnon soft mode 2—22699
Mn_3NiN, mag. struct. and spin rotation 2—1644
Mn_3Sb, long-period antiferromag. to weak ferromag. transform. 2—40560
MnTe, spin flop fields, n.a.r. obs. 2—1426
$NdCl_3$, second order transition, magnetostriction model 2—6985
$NdCo_2$, dilatation anomaly obs. 2—26054

Magnetic properties of substances continued
transitions continued
$NdCo_2$, heat capacity obs., 8-300K 2—19869
Ni-Co alloy, creep, effect of mag. transform. 2—12873
Ni-H system, crit. atomic ratio for disappearance of ferromagnetism 2—40490
Ni-Pt alloys, ferromag.-paramag. transition 2—40489
Ni, critical fluctuations, ^{100}Rh time differential perturbed ang. correl. obs. 2—40487
Ni, intermediate stage in mag. ordering 2—13371
NiF_2, Neel pt. phenomena 2—10249
NiO-MgO-Fe_2O_3 system, Curie point, comp. depend. 2—1414
NiO, forced exchange magnetostriction discontinuity at Neel pt. 2—6994
NiS, antiferromag.- paramag. transition 2—19515
NiS, metal-insulator paramag.-antiferromag. transition 2—16349
Pd-Mn dil. alloys, sp. ht. obs. of T_c and crit. behaviour in strong fields 2—13046
Pd-Ni alloys, paramag.-ferromag. transition 2—1606
$PrCl_3$, second order transition, magnetostriction model 2—6985
$PrCo_2$, heat capacity obs., 8-300K 2—19869
$Rb_2CoCl_4.2H_2O$, paramag.-antiferromag. transition, sp. ht. obs. 2—6996
$RbCoF_3$, u.s. vel. near Neel pt. 2—32828
$Rb_2MnBr_4.2H_2O$, transition exchange and anisotropy fields from spin flop and saturation fields 2—29834
$Rb_2MnCl_4.2H_2O$, transition exchange and anisotropy fields from spin flop and saturation fields 2—29834
$RbMnF_3$, Heisenberg model, phase changes, neutron scatt. obs. 2—26029
Sc_3In, ferromag. transition, mag. entropy, heat capacity obs. 2—40493
Sc_3In, ordering transitions, mag. entropy 2—40492
$SrSc_xFe_{12-x}O_{19}$, Curie temp. and elec. cond. 2—29674
$TbCo_3$, Curie temp., hydrostatic press. effect 2—26001
TbOOH, Neel temp. determ. 2—19926
$TbPO_4$, antiferromagnetic, obs. using ^{31}P n.m.r. 2—6992
$TbPO_4$, ordering, rel. to Jahn-Teller distortion 2—36779
$ThCo_5$-$ThNi_5$, Curie point, comp. depend. 2—1634
$Tm_2(SO4)_3.\ 8H_2O$, ordering, sp.ht. obs. 2—16399
UAs-USe system, neutron diffraction obs. 2—4380
$UC_{1-x}N_x$, antiferro-paramag., 52°K, suscept. meas. 2—40422
VAu_4, ferro- paramag., order-disorder transformation 2—19886
$V_xCr_{1-x}B_2$, n.m.r., antiferromag. transition obs. 2—36781
YCo_2, dilatation anomaly obs. 2—26054
Y_2Co_7, Curie temp., hydrostatic press. effect 2—26001
YbFe garnet, spin waves near mag. reorientation transition 2—40570
YbFe garnets, sp. ht. obs. 2—33160
Zn-Mn-Al alloy, solid and liq., Curie-Weiss law behaviour 2—19887
Zn-Mn alloy, solid and liq., Curie-Weiss law behaviour 2—19887
$Zn_xFe_{3-x}O_{4-x}F_x$, Curie temp., comp. depend. 2—22695
$Zn_xMn_{1-x}Re_2O_4$, antiferro-ferrimag. transition, neutron diffr. obs. 2—4399

Magnetic resonance and relaxation
see also Antiferromagnetic resonance; Ferrimagnetic resonance; Ferromagnetic relaxation; Ferromagnetic resonance; Nuclear magnetic resonance and relaxation; Paramagnetic resonance and relaxation Spin-lattice relaxation; Spin-spin relaxation
acoustic, multifield resonances, theory 2—13526
alloy, dil., localized moment parameters, exchange vertex corrections and Bloch eqns. 2—4335
antiferromagnet, electron spin relaxation, Mossbauer spectra 2—22714
antiferromagnet with double domain struct., h.f. props. 2—10464
atom, relax. in r.f. field 2—11933
benzophenone, 1.3K, principle phosphorescent trap, applic. of fast passage ODMR 2—22809
book 2—1720
camera design and applics. 2—23476
conference, Bucharest, Rumania, Sept. 1970 2—10460
conference, Rehovot and Jerusalem Univ., Israel, Aug. (1971) 2—5904
crystalline solid, spin phonon interactions 2—22819
p-dichlorobenzene, first $^3\pi\pi^*$ state, optically detected mag. resonance 2—8763
digital processing of exptl. data using discrete Fourier transform. 2—7811
fast-passage optically- detected magnetic resonance method 2—22809
ferrite discs, magnetoacoustic resonance, two-stage parametric excitation 2—30001
ferrites, resonant fields of magnetostatic modes of precession, effect of anisotropy 2—26025
fluoride, MNF_{11}, M, N=P, As, Sb, Ta, Nb and MBF_9^-, M=Ta, Nb, chemical shift, spin coupling 2—5927
form factor, reson. freq. nonlinear depend. on mag. field 2—10461
laser reson. in materials with g-factor anisotropies 2—20124
line shapes and moments for crystals and powders, numerical evaluation 2—33330
Lorentzian dispersion lines, unsaturated, effect of modulation broadening on shape 2—14346
magnetometer, principles and operations, review 2—23509
magnetoplumbite powders, mag. spectra before and after annealing, 30-52 GHz meas. range 2—16643
metal, spin relaxation of cond. electrons 2—6999
modulation, trihedral rot. concept applic. 2—7799
molecules, phosphorescent triplet states, optically detected adiabatic inversion 2—21581
n-level process, perturbed angular correl., time depend. perturbations 2—40573
nondegenerate parametric system, excitation by biharmonic pumping field 2—16642
pyrimidine in benzene, zero-field microwave-optical double resonance at 77 K 2—22818
quantum kinetic equation for system with discrete energy levels 2—29928
rare earth ions, matrix elements, relativistic calcs. 2—10480
relaxation phenomenon, thermodynamic theory 2—11366
second quantization treatment 2—5299
semiconductor, noncentrosymmetric, spin relax. of cond. electrons 2—29841
slowly reorienting systems, magnetic resonance spectra, density matrix formulation 2—18393
spectrometer, pulsed gas laser, dual-beam, for magnetooptic studies of solids 2—5449
YIG, hypersound resonant absorpt. in mag. field, 4.2-300K 2—6669
zinc etioporphyrin, zero-field splitting of triplet state by optically detected magnetic resonance 2—35360
$[V(H_2O)_6]^{3+}$, $[V(H_2O)_5Br]^{2+}$, hydration by ^{17}O, ^1H and ^2D 2—7146

Magnetic resonance and relaxation continued
^{a}Hf, A=177, 179, 180, atomic beam magnetic resonance investigation of $^{3}F_2$ ground state 2—18141
$Bi_{0.3}Ca_{2.68}Pb_{0.02}V_{1.35}Fe_{3.65}O_{12}$, Co-doped, anomalies 2—10462
CN radical, X-band 2—5922
$CoCr_2O_4$, mag. phase transition, exchange const. detm. 2—4529
FeGe, cubic ferromagnet, 77-290 K rel. to spin saturation 2—7112
Fe_2O_3-Al_2O_3, spin relax. time of Fe^{3+}, impurity ions effects, Mossbauer obs. 2—40574
H_2, fine structure determination of N=1 (1s3p) $^{3}\Pi_u$ state 2—18429
H_2, G(3d $^{1}\Sigma_g^{+}$) state, microwave optical magnetic resonance induced by electrons 2—21605
H_2 ($d^{3}\pi_u$) meas. of fine structure by microwave optical magnetic resonance induced by electrons 2—24462
$H_2{}^{18}O$, anomalous proton chemical shift 2—6245
KNa, molecular beam resonance study 2—38920
^{39}K, h.f.s. splitting consts. of first excited state 2—8451
^{41}K, h.f.s. splitting consts. of first excited state 2—8451
LiNa, molecular beam resonance study 2—38920
MgO:Fe^{2+}, ballistic heat pulse scatt. by resonant spins, phonon freq. distrib. 2—13027
$MnCr_2O_4$, mag. phase transition, exchange const. detm. 2—4529
NO, laser magnetic resonance obs., magnetic and electrical dipole transitions obs., g factor and hyperfine structure separation calc. 2—38928
OH, expt. on laser magnetic resonance discussed 2—12188
OH, magnetic g factors discussed and analyzed 2—12188
Pb film, supercond., mag. relax. and eddy current damping 2—25792
^{87}Rb, r.f. field induced mag. relax. 2—18318
Sb, magnetoacoustic resonance rel. to Fermi surface 2—32877
$Y_{3-2x-a}Ca_{2x}Gd_aFe_{5-x-z}V_xIn_zO_{12}$, comp. depend., rel. to microwave applic. 2—40519

Magnetic storms
see also Micropulsations
1965, April 17; low energy trapped protons 2—4709
1970, March 8, electron content in ionospheric D-region 2—7335
air density variations near 150 km 2—10741
atmospheric neutral composition variation above 400 km 2—16871
aurora substorms, space-time patterns of development 2—22993
auroral substorms, relation between magnetic disturbances and auroral luminosity 2—22994
baylike disturbances, electromagnetic soundings, latitudinal characteristics 2—30371
DR indices, for equatorial ring current field 2—1903
electric discharges in laboratory as model situation 2—26549
electron content behaviour in ionospheric F-region 2—10767
electron density fluxes following, recording in upper atmos. 2—22983
electron drift variation in equatorial electrojet region 2—7332
equatorial microstructure, Pc1 recorded at equator and middle latitudes 2—23037
equatorial ring current and polar electrojet, connection 2—30330
geomagnetic, study of changes in upper atmosphere by artificial satellite 2—16868
geomagnetic recovery phase, associated with multiple midlatitude 6300 Å auroral arc rel. to concurrent ionospheric current 2—23040
inflation of geomagnetic field, magnetic energy from proton plasma 2—30370
ionosphere F_2-layer and topside, disturbances, during magnetic storm 2—23025
ionospheric changes in nighttime electron density 2—23009
ionospheric changes which accompany, review 2—20409
ionospheric effects, sporadic E-region 2—4730
isolated, origin and effects of electric fields 2—20423
magnetopause currents, bow shock wave, and transition region var. during storms 2—10773
magnetopause structure during magnetic storm, satellite observations 2—13739
magnetosphere, effect of interplanetary magnetic fields and solar wind 2—13808
magnetosphere boundary position, and magnetic field var. during storms 2—10773
magnetospheric, impulsive energetic electron fluxes in the distant magnetotail 2—13797
magnetospheric, simultaneous observations from satellites, balloons and ground-based instruments 2—13742
magnetospheric, storm sudden commencements and polar magnetic substorms 2—13743
magnetospheric, variation of magnetic activity with solar wind flux velocity 2—33502
magnetospheric, vertical motions of midlatitude F_2 layer during 2—16913
magnetospheric aspects 2—16873
magnetospheric storms, in distant magnetotail 2—20422
in neutral composition, thermospheric wind circulation 2—30373
particles in high latitude magnetotail 2—20368
polar, development of electrojet 2—13759
polar, expansion of auroral oval and magnetotail phenomena 2—16885
polar, localized character of magnetotail mag. fluctuations during 2—13796
polar cusp observations, satellite penetration into magnetosheath plasma 2—13741
polar magnetic substorms, review 2—41012
polar substorms, infrasonic pressure disturbances 2—30372
polar substorms, rel. to ring current in magnetosphere 2—40977
polar thermosphere, empirical model 2—20410
pulsations, damped type, interpretation as interaction between hydromagnetic oscillations and magnetospheric motions, model 2—16924
27 day recurrent phenomena, observed in minimum of 11 year sun spot cycle 2—7344
solar-geophysical activity associated with the storm of 8 March 1970, solar activity 2—7561
solar-geophysical activity associated with the storm of 8 March 1970 2—7348
solar-geophysical activity associated with the storm of 8 March 1970, ionospheric activity 2—7347
stable auroral red arc structure 2—20384
substorm activity and structure of geomagnetic tail 2—33501
sudden commencements associated with low-energy proton flux 2—26901
topside ionosphere disturbance effects and electron density 2—41003
wave and particle phenomena, rel. to convection electric fields in nightside magnetosphere 2—20371

Magnetic structure
see also Domains
Alnico alloys, ferromagnetic phases, indirect evaluation of individual props. using electrochem. means 2—26031
Alnico crystal, remagnetization 2—1621
analytic approximations to form factors 2—3595
b.c.c. crystal, undergoing second order phase transition, struct. with unequal spins 2—22677
bubble, lattice structure obs. in polarized light 2—4332
bubble technology for telephone systems 2—4357
ferrite, domains, magnetization processes, cryst. growth 2—13391
ferromagnet, multiaxial, effect on magnetization and mag. reversal 2—13389
ferromagnets, multiaxial, mag. texture rel. to magnetisation phenomena 2—19873
film, magnetic texture, determ. by galvanomag. effect meas. 2—16334
film, strained, deform. of cross-linked domain boundaries 2—29821
group theoretical characterization 2—22662
ion spin-lattice-coupling, phonon damping and magnetic order 2—19848
metal and alloys, magnetic-after effect, defects and domains 2—19860
Mossbauer investigation, review 2—16428
neutron diffraction techniques, review 2—25988
neutron structure factors, atomic moment calc., spherically averaged form factors 2—13365
nuclear magnetic ordering production and obs. 2—6991
orthoferrites, domain config. modification, concentric ring domains 2—40518
orthorhombic space groups, mag. struct. classification 2—33101
point group irreducible represent., antisymmetrized squares and symmetrized cubes 2—40430
quadrupolar arrangements, symmetry 2—25991
rare earth, neutron diffr., theory 2—36698
rare earth ferrite garnet, phase transition 2—4396
rare earth metals, charact. forms. of ordering from neutron scatt. obs. 2—16341
rare earth nickel oxides 2—3727
space groups, n.m.r. techniques for investigating possible generation by crystallographic space groups 2—29792
spin space groups, Bravais lattices 2—36655
spin space groups, point groups 2—36654
steel, transformer, eddy-current losses, mag. texture influence 2—40477
superconducting Pb, intermediate state structures, magneto-optical obs. 2—6770
symmetry and packing considerations 2—35957
transition metal phosphides containing iron, complex magnetic behaviour 2—4444
transition metal sulphides, $Me_xNb(Ta)S_2$ Me=Mn, Cr, Fe, Co, Ni, V 2—3722
uniaxial cryst., mag. field and powder figs., above basal plane 2—40410
YIG, Mossbauer study of h.p. phase 2—10330
Au-Fe alloys, (1-22 at.%Fe), ordering conc. depend. 2—16367
Au_4Mn, disordered, mictomag. 2—40462
$Ba_2Co_2(Ni_2)Fe_{12}O_{22}$, cone struct., n.m.r. obs. 2—10543
$BaFe_{12}O_{19}$, mag. sublattices, Mossbauer method 2—29882
$BaMnO_3$(2H), anitiferromagnet, neutron diffr. obs. 2—19918
Bi-Ca-V ferrite garnet, indirect exchange interaction, V participation, neutron diffr. obs. 2—36739
CMN, layered antiferromagnetically ordered ground state predicted 2—10236
CaF_2, nuclear magnetic ordering 2—6991
$Ca_3Fe_2(GeO_4)_3$, collinear enantiomorphic struct. 2—33169
$Ca_3Fe_2Ge_3O_{12}$, antiferromag. struct., super-superexchange interaction 2—26059
$Ca_3Mn_2Ge_3O_{12}$, garnet, neutron diffr. obs. 2—19045
$Ca_5(PO_4)_3Cl:CrO^{3-}{}_4$, e.p.r. obs., at liquid helium temps. 2—4550
Co-Fe-Cu-Ce alloy, permanent magnet, directional solidification 2—25594
Co, form factor, high temp. f.c.c. phase 2—36708
Co crystal, internal magnetostriction, symmetry considerations 2—4359
$CoCl_22H_2O$, antiferromag., p.m.r., high mag. field, metamagnetic transitions, 4.2 K 2—20157
CoMnSb, Heusler alloy, neutron diffr. obs. 2—19862
$Co_xZn_{1-x}Fe_2O_4$ ferrite, x=0.25,0.5, 0.75, neutron diffr. obs. 2—40521
Cr_2As, antiferromag., neutron diffr. obs. 2—33170
$Cr_xTi_{2-x}O_3$ solid solution, weak ferromag., neutron diffr., 77-300K 2—19875
$CsCoCl_3.2H_2O$, canted Ising linear chain behaviour 2—40549
$CsCoCl_3.2H_2O$, mag. reson. obs. 2—40548
$CsMnCl_3$, neutron diffr. obs. 2—4409
$CsMnCl_3.2H_2O$, proton distrib., neutron diffr. 2—33172
$CsNiCl_3$, n.m.r. of ^{35}Cl and ^{133}Cs obs. 2—22703
Cu-1%Co, single-multidomain transition of precipitates, neutron scatt. obs. 2—4361
Cu-1%Co, single domain precipitates, neutron scatt. obs. 2—4360
Cu complex $(C_2H_5NH_3)_2CuCl_4$, static torque meas. 2—22704
$Cu_4Fe_4S_8$, $Cu_{18}Fe_{16}S_{32}$ and $Cu_9Fe_9S_{16}$ 2—32454
$DyAsO_4$, neutron diffr. obs. 2—13417
$DyAsO_4$, phase transition 2—36765
DyCu, neutron diffraction obs. 2—10238
DyNiCo, Curie pt. behaviour 2—26037
$DyPO_4$, antiferromag. struct., neutron diffr. obs. 2—26063
$DyPO_4$, spin structure, confirmation as ideal 3D Ising system 2—4404
DyRh, neutron diffr. obs. 2—40554
DySb, magnetic and structural phase transitions 2—33106
$DyVO_4$, phase transformation 2—36765
Er-Gd(Tb)(Dy)(Ho) alloys, neutron diffr., exchange interactions, anisotropy, 4.2-293k 2—26024
Er, field depend. spin struct. 2—40470
$ErAl_3$, antiferromag. struct., neutron diffr. obs. 2—26065
$ErCo_3$, neutron diffr. obs. 2—36703
$ErFeO_3$, nonaxial antiferromag. axis, neutron diffr. 2—26064
$ErFeO_3$, spin reorientation 2—4411
ErRh, neutron diffr. obs. 2—40554
EuSe:Gd(La), effect on hyperfine interactions 2—13444
EuSe, new antiferromag. phase below 1.8K 2—16396
Fe-Ni-Al-Co alloy, use of mag. texture to determine quality of thermomag. treatment 2—36239
Fe-Ni alloy, film, induced uniaxial mag. texture 2—26050
FeCo, ordering and anisotropy, equilib. state vs. temp. 2—22679
Fe_3O_4-FeV_2-O_4, spinels, cation distribution 2—10212

Magnetic structure continued
α-Fe_2O_3, domain structure studied by magnetic colloid observations, wall energies estimated 2—10196
FeOCl, ordering, temp. <68K, Mossbauer obs. 2—4443
$FeSiF_6$:6H_2O, single cryst., from Mossbauer obs. 2—29885
Gd-Y alloys, complex struct. 2—6975
Gd, crystal structure, mag. field effect, 150-373K 2—22680
Gd, form factor 2—40481
Gd_3(Fe,Co,Ni), pseudobinary, struct. rel. to mag. props. 2—33175
Ho-Dy alloy, neutron diffr., exchange interactions, anisotropy 4.2-293k 2—26024
$HoCo_3$, neutron diffr. obs. 2—36703
$HoCrO_3$, nonaxial antiferromag. axis, neutron diffr. 2—26064
HoRh, neutron diffr. obs. 2—40554
$KFeF_4$, neutron diffr. obs. 2—26067
$La_{1-x}Ba_xMn_{1-x}M_xO_3$, M=Mn, Ti, mag. space group, neutron diffr. determ. 2—4362
$LiCr_{1-x}Fe_xO_2$, antiferromagnet ordering and exchange, magnetization and susceptibility meas. 2—19924
$LiCrS_2$, and cryst. struct. 2—3713
$Li_{0.5}Fe_{2.5-x}Al_xO_4$, n.m.r. obs. 2—10556
$LiVS_2$, and cryst. struct. 2—3713
$LuCrO_3$, nonaxial antiferromag. axis, neutron diffr. 2—26064
MFe_2Se_4 (M=Ti, V, Cr, Fe, Co, Ni), neutron diffr., elec. cond., Mossbauer effect obs. 2—19908
Mn_3B_4, antiferromagnet, neutron diffr. study 2—22709
$MnBr_2.4H_2O$, neutron diffr. obs. 2—3717
$MnCr_2O_4$, n.m.r. of ^{55}Mn, cone angle obs. 2—20163
$Mn_{5-x}Fe_xGe_3$, (x=0.5, 1.0 and 1.5), effects of Fe substitution in $Mn_5Ge_3D8_8$ struct. 2—19867
Mn_3NiN, and spin rotation 2—1644
$Mn(OH)_2$, superlattice refls., neutron diffr., spin sequence 2—36776
$MnPd_2$, antiferromagnet, neutron diffr. obs 2—16398
$MnPt_3$ alloy, antiferromag. coupling of nearest-neighbour Mn atoms 2—19925
$NdCo_3$, neutron diffr. obs. 2—36703
$NdFeO_3$, neutron diffr. obs. 2—40565
Ni-Co layers electroplated on Cu wires, remagnetization 2—13411
Ni powders, particle size depend. 2—40513
β-$Ni(IO_3)_2.2D_2O$, X-ray and neutron diffraction examination 2—9484
NiMnSb, Heusler alloy, neutron diffr. obs. 2—19862
NiS, press.-temp. phase diagram and cryst. struct. 2—26069
α-O_2, solid, mag. form factor, neutron diffr. obs. 2—29839
Pb, superconducting, intermediate state structures, magneto-optical obs. 2—6770
$PrCo_3$, neutron diffr. obs. 2—36703
$PrFeO_3$, neutron diffr. obs. 2—40565
Sm, form factor 2—40494
$TbCo_3$, neutron diffr. obs. 2—36703
Tbal garnet, phase diagram 2—40567
$TmFeO_3$, $TmCrO_3$, nonaxial antiferromag. axis, neutron diffr. 2—26064
UAs-USe system, mag. phase transitions 2—4380
UAsS(Se)(Te), 77-1000K 2—26026
YIG, spin configs. induced by anisotropic ions 2—26073
$YbFeO_3$, $YbCrO_3$, nonaxial antiferromag. axis, neutron diffr. 2—26064
Zn complex, $[(C_2H_5)_4N]_2ZnCl_4$:Co, e.p.r. study of g-tensor orientation 2—33107
$Zn_{0.87}Mn_{0.13}Fe_2O_4$, neutron diffr. obs. 2—36784
$Zn_xMn_{1-x}Re_2O_4$, antiferro-ferrimag. transition, neutron diffr. obs. 2—4399

Magnetic traps *see Plasma/confinement*

Magnetic wells *see Plasma/confinement*

Magnetism
see also Antiferromagnetism; Diamagnetism; Earth/magnetic field; Exchange interactions; Ferrimagnetism; Ferromagnetism; Gyromagnetic effect; Magnetohydrodynamics; Paramagnetism; Rock magnetism; Stars/magnetism; Sun/magnetism
^3He solid, by adiabatic demagnetization 2—39412
alnico-base permanent magnet materials 2—23515
bodies, with and without losses, characteristic modes 2—14297
conference, Chicago, USA (Nov. 1971) 2—33104
conference, Chicago, USA (Nov. 1971) 2—36653
curl meter, torque meas. of mag. in conducting fluid carrying current 2—14368
local molecular field method, areas of application 2—40397
moment under hydrostatic pressures, measurement method 2—33102
paramagnetic system, spin-spin relaxation theory, relax. time, asymptotic value, and invariants of motion 2—26075
thermodynamic approach, macroscopic and phenomenological props. 2—19821
XY model, off diagonal time dependent spin correlation functions 2—95

Magnetization process
see also Demagnetization; Ferromagnetic relaxation
alloys, susceptibility, static, calc. using vertex function 2—4331
cooling during adiabatic magnetization of salt with linear spin chains 2—10166
Elinvar film, domain struct. and remagnetization process 2—13406
ferrimagnet, energy change effects 2—33138
ferrite, domain struct. 2—13391
ferrite memory core, fast flux reversal by perpendicular static field 2—29825
ferrites with low losses in 2cm range of wavelengths, unit for mag. susceptibility tensor det. 2—34283
ferromagnet, Barkhausen jumps 2—6964
ferromagnet, energy change effects 2—33138
ferromagnet, energy changes, low and moderate fields 2—29816
ferromagnet, flux penetration including hysteresis and eddy current effects 2—13395
ferromagnet, multiaxial, effect of domain wall energy density 2—13389
ferromagnetic film remagnetization, associated nonlinear differential equations 2—26046
ferromagnetic materials, calc. of hysteresis curves, theory 2—4364
ferromagnetic materials, equiv. complex permeability rel. to alternating mag. field and magnetization curve shapes 2—13396
ferromagnetics, dislocation struct., obs. by mag. techniques 2—36023
ferromagnets, multiaxial, mag. texture rel. to magnetisation phenomena 2—19873
film, band domains, mag friction forces rel. to magnetization vector- film plane angle 2—16335
films, thin, cyclic magnetization reversal spectra 2—26047

Magnetization process continued
magnetism working group meeting, Salzburg, Austria March (1971) 2—4350
magnetite, thermoremanent, effect of thermal fluctuations during a.c. treatment 2—30380
metal ferromagnet, polycryst., temp. depend. of neg. Barkhausen jumps 2—29815
Neel, Bloch domain boundaries, width, energy, rel. to magnetization angle of rot. 2—19817
alkyl orthozirconates, susceptibility determ. 2—6940
permalloy film, magnetization reversal 2—19891
permalloy film, reversal, stray field blocking, rotational hysteresis 2—4393
polarizer for fluid in n.m.r. 2—23473
rare earth cobaltides, RCo_5 permanent magnet, prep. by pressing and sintering 2—19883
rare-earth elements, alloys and compounds 2—25987
self reversal, rel. to strength of exchange reactions in titanomagnetites 2—1591
Supermendur, anomalous Barkhausen effect, magnetization and core loss, high temp. cycling obs. 2—1630
susceptibilities determination in microwave region, frequency-dependent, pulse-resonance method 2—2335
susceptibility, variable temp. probe for obs. of changes in 4.2-300 K range 2—27406
toroidal tape core, flux reduction and Block wall props., during stepwise magnetization reversal 2—26023
vibrating sample magnetometer for ferromagnetic samples 2—14369
Ce-Th alloys magnetic transitions, susceptibility study 2—1594
Co-Al alloy, coercivity rel. to precipitate anisotropy 2—22686
Co-P film, chemical deposition, circular alternating and longitudinal continuous fields 2—13404
Co-Sm alloys, permanent magnet, under heating up to 650C 2—26035
Co-rare earth metals alloys, permanent magnet, under heating up to 650C 2—26035
Co, coercive force of electrodeposited Co, effects of phase comp. and texture 2—1624
$CoCl_2.sH_2O$, computer simulation 2—19919
CoO, spin flopping in pulsed intense mag. field 2—4408
Cr_3Te, magnetic props. in ferromag. region 2—26036
$Er_6(Mn_xFe_{1-x})_{23}$ mixed crystal, 4-300 K, Curie temp., comp. depend. 2—4370
Fe-Ni alloy, film, induced uniaxial mag. texture 2—26050
Fe-Ni alloy, initial magnetiz. by wall displacement 2—26027
Fe-Ni film, electrodeposited on cylindrical substrate, hysteresis loops 2—40507
Fe-(3.2 wt.%)Si alloy, deformed, Barkhausen jumps 2—40475
Fe-Ti alloy, magnetization, 4.2-300 K 2—22491
Fe film and wire, transverse Procopiu effect 2—26052
Fe whiskers, Bloch walls, d.c. to 200 kHz 2—36700
Fe whiskers, differential a.c. susceptibility 2—36711
(FeNi)-Au system, mag. moment props. 2—36712
α-Fe_2O_3, with CO chemisorbed, magnetic susceptibility meas. 2—7178
$Fe(OH)_2$, dehydration, haematite transformation, magnetic props., Mossbauer and i.r. spectra 2—22862
$GdAl_2$, e.p.r., Curie temp. 2—26040
$GdCl_3$ spontaneous, obs. method 2—1631
Ho-Er alloy, magnetic crystal anisotropies, obs. 2—40482
$Li_{0.5}Fe_{2.5}O_4$, ferrite, magnetization 300-550 K 2—19649
$MnCO_3$, Neel pt. phenomena 2—10249
MnP, helical, neutron diffr. obs. 2—40497
Nb-25%Zr, supercond., low field critical current detn. 2—22502
Ni-Co layers electroplated on Cu wires, remagnetization 2—13411
Ni-Fe alloy, deformability, initial permeability, de-oxidation elements addition effect 2—4367
Ni-Si alloy, energy changes 2—33139
Ni, near- paramag. region, induced magnetiz., Mossbauer obs. 2—40634
NiF_2, Neel pt. phenomena 2—10249
NiFe, Barkhausen noise, autocorrelation function 2—22684
$SrO.4.1Fe_2O_3.1.9\ Al_2O_3$, reversal processes in hysteresis loops of single particle domains 2—33128
U_3P_4, 77-300 K 2—26030
USSe, magnetic props. studied, including susceptibility 2—10217
USTe magnetic props. studied, including susceptibility 2—10217
USe, low temp. mag. props., 2.8-300K 2—26072
Yb_2O_2S, rel. to Yb^{3+} crystalline field 2—19928

Magnetization state
see also Domains; Magnetic anisotropy; Magnetic permeability; Magnetic structure
alloy, ferro- and antiferromagnetic, atomic ordering, stress effects 2—4369
Alnico, domain struct. change during partial hysteresis cycle 2—13388
Alnico alloys, ferromagnetic phases, indirect evaluation of individual props. using electrochem. means 2—26031
antiferromagnet, uniaxial, near flop-para transition, Green's function method 2—33166
bubble domain material, meas. method 2—40447
bubble domains, micromag. wall magnetiz. 2—10193
bubble material parameters derivation from magnetiz. curves 2—36692
α-Ce, high field behaviour 2—19825
Dzialoshinsky- Moriya type ferromagnet, spin flop weak ferromag. transition 2—19874
ferrite, thermomagneto-optical memory in regions with modified mag. struct. 2—1620
ferromagnet, approach to saturation, internal strain effect 2—1623
ferromagnet, domain struct. influence on gyromag. reson. 2—33331
ferromagnet, Heisenberg model, theory 2—29807
ferromagnet, $HoCrO_3$, spontaneous moment and susceptibilities, below 100 K 2—4376
ferromagnet., itinerant electron model, press. depend. 2—19845
ferromagnet, optically-excited magnetostrictive waves 2—10219
ferromagnet, polyaxial, domain dispersion 2—26028
ferromagnet, uniaxial, deviations from saturation and phase changes 2—36678
ferromagnet, uniaxial, texture influence on mag. reversals 2—40459
ferromagnetic film, around point defects 2—4386
ferromagnetic film, electron interference obs. 2—36721
ferromagnetic film, M_s vibration method for H_k and H_c meas. 2—10220
ferromagnetic plate, oscillations 2—13394
ferromagnetics, dislocation struct., obs. by mag. techniques 2—36023
film, dynamic micromag. effects on ferromag. reson. 2—40742
film, dynamical pinning and spin wave reson. 2—10466

Magnetization state continued
- film, inhomogeneous, Bloch wall creeping, wall energy, wall coercivity 2—19859
- film, magnetization intensity var. during incoherent rotation 2—36719
- film, static micromag. effects on ferromag. reson. 2—40741
- garnet, quasi-static parallel reversible susceptibility 2—33155
- garnet, temp. sensitivity of bubble domains 2—26022
- grains, size distribution determ. from magnetization-magnetic field curves 2—6263
- Heisenberg ferromagnet, anisotropic, Dembinski decoupling scheme calcs. 2—36684
- Heisenberg ferromagnet. with ferromag. impurities, Green's function theory, decoupling scheme calcs. 2—36685
- hysteresis loops, stepwise remagnetization, torodial strip cores 2—17533
- ionic mixed crystal, anomalies 2—33103
- lake sediments, remanent magnetization, variation in direction of horizontal component 2—7351
- low field, statistical domains 2—4382
- magnetic recording medium, self consistent computations 2—1622
- magnetite, thermoremanence, effect of thermal fluctuations during a.c. treatment 2—30380
- magnetostatic energies of spherical mag. particles with plane domain boundaries 2—33125
- martensitic transformation, resist. and magnetization study 2—39987
- metal, parametric instability 2—25990
- moment system, pseudo-spin method and distrib. functions of quantum statistics 2—40398
- Permalloy cct. elements, applied field and geometry depend. 2—36713
- Permalloy films, magnetostatic interaction of mosaic struct. elements 2—40505
- permanent magnet materials characterization 2—40514
- porous material, saturation magnetiz., Neel theory 2—10203
- rare earth Co compounds, mag. transitions 2—25998
- rare earth orthoferrites, temp. sensitivity of bubble domains 2—26022
- rare earth transition metal intermetallics strong field obs. 2—33159
- rare earth-cobalt alloy permanent magnet characterization 2—40515
- rare earth-cobalt alloys, permanent magnet characts. 2—40516
- rare earth-cobalt intermetallics, coercive force, nucleating fields, ang. depend. 2—40491
- remanent magnetisation measurements, slow spinner magnetometer with digital computer 2—13805
- s-band metal with rare earth impurity, magnetization Green's function theory 2—36707
- saturation magnetiz., wall energy depend., domain size meas. 2—36691
- spinel, quasi-static parallel reversible susceptibility 2—33155
- spinels, with two types of mag. ion, curves, Curie points 2—40460
- steel, austenitic, ferrite comp., Curie temp., saturation magnetization 2—4366
- steel, local meas. by contact eddy current probe 2—29819
- steel, quenched, martensite transformation, C interaction, temp. depend. 2—3927
- steel, stainless, field depend. 2—40476
- superconducting alloy, localized spin fluctuations 2—16170
- superconductor, pure type II, dependence of flux line lattices on anisotropy of Fermi surface 2—9966
- superconductor, T_c behaviour, universal law 2—16161
- Supermendur, high temp. cycling effects, obs. 2—1630
- toroidal tape core, flux reduction and Block wall props., during stepwise magnetization reversal 2—26023
- vector and scalar, relationship in magnetic recording theory 2—6972
- Vicalloy, domain struct. change during partial hysteresis cycle 2—13388
- Ag_5MnAl alloy, remanent magnetiz., coercivity 2—10207
- Au-Cr alloy, mag. anisotropy, mag. torque obs. 2—26032
- Au-Fe alloys, mictomagnetism 2—40461
- Au-Fe dil. alloys, spin fluctuation model 2—22685
- $Ba_3Co_2Fe_{24}O_{41}$ and $Ba_3CoZnFe_{24}O_{41}$, magnetiz. reversal involving domain wall displacements 2—30024
- $BaFe_{12}O_{19}$, coercive force, ang. variation 2—26033
- $BaSc_xFe_{12-x}O_{19}$, 73 and 293K 2—29828
- $CeCo_5$-H, rel. to H content 2—32774
- Co-Al-Mn alloy, saturation magnetisation, Mn content effects 2—40465
- Co-Fe-Nb alloy, cold drawn, annealed, coercive force, hardness, thermal expansion 2—1625
- Co-Fe-Ni-Nb alloys, semihard mag., remanence and coercive force, for reed switch applics. 2—40463
- Co-Pd-Si alloys, amorphous, ferromag. reson. obs. 2—7110
- $CoFe_2O_4$-Co_3O_4, coercive force, mag. ageing hysteresis 2—40520
- $CoWO_4$, antiferromagnet 2—36973
- Cr_2S_3, rel. to deviation from stoichiometry 2—40522
- $CsCoCl_3.2H_2O$, canted Ising linear chain behaviour 2—40549
- Cu-Fe(Mn) dil. alloys, high-field magnetiz. of interacting mag. moments 2—40467
- Dy, intrinsic coercive force 2—40469
- DyAl garnet, two-sublattice Ising model characteriz. 2—40552
- $DyAlO_3$, metamag. behaviour 2—10245
- $DyAlO_3$, metamag. behaviour and magnetoelec. effect 2—10246
- $ErCo_2$- $ErAl_2$, domain wall effects and partial disorder 2—33127
- $Er_3Ga_{0.7}Fe_{4.3}O_{12}$ films, bubble domains 2—36742
- EuS, tunnelling obs. 2—36709
- EuTe, insulating and conducting single cryst. props. 2—29835
- $Eu_xY_{3-x}Fe_{5-y}Ga_yO_{12}$ epitaxial films, bubble domains 2—36743
- Fe-Al alloy, al. magnetiz., and Fe moment 2—4343
- Fe-Al alloy, β-phase, temp. depend. 2—1629
- Fe-Al alloy, disorderd, induced uniaxial mag. anisotropy 2—4373
- Fe-Al alloys, high-field depend. 2—40480
- Fe-Cr-Co system, ductile permanent magnet 2—40474
- Fe-Ni alloy, coercive field, Neel theory 2—33136
- Fe-Pd alloy powders, mag. reversal mechanism 2—40512
- Fe-S film, S conc. depend. 2—40479
- Fe-(3 wt.%)Si, alloy, domain struct. and mag. losses in hard direction 2—40448
- Fe-(3 wt.%)Si alloy, freq. depend. domain struct. rel. to losses 40449 2—40449
- (Fe,Co,Ni)-NbC, magnetically soft eutectic composite 2—22687
- Fe, mag. ordering contrib. to Mossbauer effect 2—40625
- $FeBO_3$, sublattice magnetiz. 2—36768
- $FeCl_2$, sublattice magnetiz., critical behaviour 2—29837
- $Fe_{3-x}Cr_xO_4$, ferrimagnetic, cryst. phase transition effects 2—19903
- Fe_2MoO_4 spinel, spontaneous, compensation temp. 2—10210
- γ-Fe_2O_3, acicular, chain-of-spheres behaviour 2—33156

Magnetization state continued
- Fe_2O_3, haematite, single-domain crysts., polyaxial nature of anisotropy 2—36769
- $Fe_{3-x}Sc_xO_4$, saturation magnetization, temp. depend. 2—36751
- Gd-Y alloys, complex struct. 2—6975
- Gd, band magnetiz. sign 2—40406
- Gd_3(Fe,Co,Ni), pseudobinary, struct. rel. to mag. props. 2—33175
- $HoCrO_3$, spontaneous moment, susceptibilities, below 100 K 2—4376
- InPb superconducting alloys, and magnetostriction, effect of variations of cryst. struct., Fermi surface and mass enhancement const. 2—19823
- $KFeF_4$, sublattice magnetiz. temp. depend. 2—40564
- $LaCo_5$-H, rel. to H content 2—32774
- Li-Mn mixed ferrite, valency induction effects 2—19905
- $Li_{0.5}Fe_{2.5-x}Sc_xO_4$, saturation magnetization, temp. depend. 2—36751
- $Mg_wMn_xFe_ySc_zO_4$, saturation magnetization, temp. depend. 2—36751
- $Mn_{1-x}Cr_xAu_2$, helical to ferromag. transition 2—33135
- $Mn_xFe_{3-x}O_4$ film, ferrite, magnetiz. reversal 2—19907
- Mn_3Pt alloys, local antiferromag. ordering 2—36774
- MnSe-MnTe solid soln., mag. susceptibility, 80-340K 2—40485
- Nb-64%Ti alloy, hard superconductor, cylindrical sample, size effect 2—36460
- Ni-Cr alloy, comp. depend. of mag. moment 2—22688
- Ni-Cu alloys, high field susceptibility, density of superparamag. clusters 2—26041
- Ni-Fe cylindrical film, transverse magnetiz. using modified Procopia effect 2—19881
- Ni-Fe film, trigger effect in constant mag. fields 2—40511
- Ni-Fe films, rel. to struct. 2—36728
- Ni-Fe rectangular hystersis core, flux reversed 2—36716
- Ni-H system, crit. atomic ratio for disappearance of ferromagnetism 2—40490
- Ni, anisotropy and resolved flow stress depend. of coercivity and magnetiz. 2—40450
- Ni, deformed, coercive force and remanence, Bi films influence 2—6976
- Ni, film, amorphous, stress effects on saturation magnetiz. 2—20129
- Ni, pressure depend., itinerant electron model 2—16378
- Ni epitaxial film, galvanomagnetic effect study 2—13410
- Ni powders, coercive force and remanence, particle size depend. 2—40513
- $Ni_{85}P_{15}$, amorphous, temperature depend., ferrimagnetic behaviour 2—22694
- NiS_2, antiferromagnet, rel. to weak ferromagnetism 2—33137
- Pb, supercond., effect of geometrical factors 2—32947
- $PbFe_{1/2}(Mn_{1/2})Nb_{1/2}O_3$, spontaneous magnetoelec. magnetiz., destruction by mag. field 2—10251
- Pd-Si:Fe, Cr, rel. to Kondo effect 2—25768
- $Pr_{0.333}Cu_{0.1}Al_{0.566}$, magnetic and neutron diffraction studies 2—10216
- Pt-Co dil. alloy, temp.and field depend. props. 2—16344
- PtFe-PdFe(PtNi) alloy, ordering, transformation temp., coercive force 2—1633
- α-$RbFeF_4$, sublattice magnetiz. temp. depend. 2—40564
- $SmCo_5$ magnets, domain wall energy and coercive force 2—10200
- $Sm_{0.55}Tb_{0.45}FeO_3$, domain wall mobility enhancement through X-irrad. compared with annealing 2—26071
- $Sm_{0.55}Tb_{0.45}FeO_3$ platelets, bubble domain propag. 2—6967
- $(TB,Y)_3Co$, intrinsic coercivity 2—29840
- $TbAsO_4$, low temp. phase, $\pi/2$ periodicity in high mag. field 2—10172
- $ThCo_5$-$ThNi_5$, comp. depend. 2—1634
- β-U_2N_3, temp. depend., 77 to 300 K 2—19885
- V, supercond., isothermal magnetiz. curves, critical parameters 2—19602
- VAu_4, rel. to order-disorder transformation 2—19886
- $Y_{3-2x}Ca_{2x}Fe_{5-x}V_xO_{12}$, dynamics of initial magnetiz. reversal processes 2—29820
- $YFe_{1-x}Mn_xO_3$, critical conc. for spin reorientation 2—40568
- YIG films, Ga-substituted, annealing effects 2—36752
- YbFe garnet, anisotropic, spin reorientations 2—40535

Magneto-optical effects
- *see also Faraday effect; Magneto-reflectance; Optical constants; Zeeman effect*
- alkali halides, mag. circular dichroism of centres produced by electrolytic reduction 2—10359
- benzene, mag. susceptibility anisotropy, from Cotton-Mouton effect meas. 2—18486
- bimagnetic rotation of colloidal graphite, measurement of magnetic fields 2—7996
- birefringent media, containing simultaneous longitudinal and transverse effects 2—1662
- chlorobenzene, Cotton-Mouton const. and absolute phase delay of light waves 2—15598
- chloroform, Cotton-Mouton const. and absolute phase delay of light waves 2—15598
- circular dichroism, oscillatory behaviour in a Jahn-Teller coupled system 2—26154
- circularly polarized light reflected by magnetized medium 2—17679
- coherent magnetic vibrations generated by reflection of visible laser light on magnetic domain wall 2—31078
- Cotton-Mouton effect, applics. 2—13470
- Cotton-Mouton effect, atoms and molecules, time-dependent double perturbation investigation 2—15201
- equatorial Faraday rotation measurements, in ionosphere, using geostationary satellite 2—30345
- ferrimagnetic crystal, rel. to inelastic scatt. by high amp. spin waves 2—20060
- ferrite, thermomagneto-optical memory in regions with modified mag. struct. 2—1620
- ferrite microstrip lines 2—29826
- ferrites and orthoferrites, Kerr effect, molecular-orbital analysis 2—26115
- ferromagnet, Barkhausen jumps 2—6964
- ferromagnet, optically-excited magnetostrictive waves 2—10219
- ferromagnetic cryst., optical reson. excitation effects of atoms on hyperfine field magnitude 2—10289
- ferromagnetic crystals, Cotton-Mouton effects 2—40609
- fine precipitations in glasses 2—1593
- garnets, Kerr effect, molecular-orbital analysis 2—26115
- glass probe for plasma diagnostics 2—35551
- gyroelectric media, Voigt effect 2—13433
- hexafluorobenzene, mag. susceptibility anisotropy, from Cotton-Mouton effect meas. 2—18486
- ionic cryst., multiphonon impurity absorpt. bands 2—10358
- Kerr, for domain obs. in thin film magnetic recording 2—19861

Magneto-optical effects continued
- Kerr, in various magnetic compounds, molecular-orbital analysis 2-26115
- Kerr effect, Voigt configuration, reflected wave polariz. rotation 2—10307
- materials development and application 2—13370
- mode splitting, in anisotropic laser cavity 2—31026
- molecules, rotatory dispersion associated with symmetry-forbidden transition 2—18381
- alkyl orthozirconates, rotation and dispersion determ. 2—6940
- piezoreflective-magnetostrictive film transducer, patent 2—13332
- polycyclic aromatic hydrocarbons, magnetic circular dichroism of α bands 2—8801
- rare earth garnets, dichroism due to site selectivity of ions 2—40639
- rare earth iron garnet, at mag. compensation point 2—16457
- rare earth iron garnets, linear mag. birefringence 2—40530
- rare earth orthoferrites, Sm-doped, low birefringence 2—40613
- rare-earth elements, alloys and compounds 2—25987
- rotation and circular dichroism, computer program for dispersion curves distrib. 2—28253
- ruby, photon echo behaviour near 2.06 kG 2—26158
- second and third order, rel. to biphotonic absorption and second harmonic generation 2—23698
- second- and third-order magneto-optical activity, nonlinear response to laser light 2—21156
- semiconductor, energy levels 2—4203
- semiconductor, indirect transitions, resonant magnetooptical absorpt. 2—40610
- semiconductor, magneto-Raman scatt. and lack of inversion symmetry 2—10405
- semiconductors, obs. in i.r. region 2—36541
- spectrometer, pulsed gas laser, dual-beam, for magnetooptic studies of solids 2—5449
- spinels, Cr, Kerr effect, molecular-orbital analysis 2—26115
- sunspot spectra 2—11105
- 1,3,5-trifluorobenzene, mag. susceptibility anisotropy, from Cotton-Mouton effect meas. 2—18486
- Verdet constant of transparent materials, technique and instrument 2—27617
- $Ba(ClO_4)_2.3H_2O:MnO_4^-$, mag. circular dichroism spectrum of MnO_4^- at 4.2K 2—36870
- $Bi_{0.8}Ca_{2.2}Fe_{3.9}V_{1.1}O_{12}$ garnet, anomalous Faraday rotation by Kerr effect 2—29875
- $Bi_{3-2x}Ca_{2x}V_xFe_{5-x}O_{12}$, Faraday rot. and absorpt., circular dichroism 2—40611
- $CdCr_2S_4$, hot pressed polycryst., near i.r. at liq. N_2 temp. 2—19970
- $CoCl_2$, exchange splitting of excited Kramers doublet in i.r. spectra 2—40660
- Cr^{III} halides, Kerr effect, molecular-orbital analysis 2—26115
- $Cs_2ZrBr_6:Ir^{4+}$, high resolution magnetic circular dichroism spectra, assignment 2—26164
- CuCl-CuBr solid solns., mag. circular dichroism spectra 2—16486
- EuO:Fe, Eu films, chemical stability obs., application to beam-addressable memory 2—26049
- EuO:Fe, Gd films, charact. absorpt. bands 2—13438
- EuO:Gd, absorpt. temp. depend. 2—40662
- Eu^{II}, cpds, Kerr effect, molecular-orbital analysis 2—26115
- Eu^{II}, Kerr effect, molecular-orbital analysis 2—26115
- Fe-(3 wt.%)Si alloy, domain struct. obs. 40449 2—40449
- Fe-(3 wt.%)Si alloy, dynamic domain struct. obs. 2—40448
- n-GaAs current carrier concentrations by Faraday effect 2—29695
- GaP, no-phonon line behaviour 2—16606
- p-Ge, free carrier magneto- microwave Kerr effect 2—40612
- Ge, magneto microwave Kerr effect, amplitude ratio meas. and Hall mobility estimation 2—36821
- InSb, coupled cyclotron-plasmon-phonon modes for sample configs. ranging from Faraday to Voigt 2—22769
- InSb, hole-optical phonon coupling magneto-optical study 2—36822
- InSb, semiconductor effect of electron plasmon coupling on magnetotransmission expts. 2—16424
- InSb type cryst., diamag. excitons 2—6735
- $KMnF_3$:Ni(Co), magnon-exciton absorpt. spectra, impurity effects 2—6993
- $KNiF_3$, antiferromagnet, mag. circular dichroism rel. to magnon sideband identification in optical absorption spectra 2—36882
- LiF, moment anal. of mag. circular dichroism assoc. with allowed electronic transitions of impurity F-centres 2—10306
- MgO:Ni, mag. circular dichroism, vibr. induced d→d transitions 2—22773
- MnF_2, antiferromagnet, two-spin fluctuation light scattering, analysis based on frequency moments 2—33280
- MnO_2, Hertzian Cotton-Mouton-VOigt effect 2—26283
- Ni, anisotropy, spin-orbit coupling effects 2—16425
- O_2, absorption spectra in solid O_2-N_2 mixture, 1.5K 2—8694
- Pb, superconducting, magneto-optical study of intermediate state, magnetic field and film thickness dependence 2—40196
- n-PbTe, i.r. magnetoabsorpt., phonon-cyclotron and carrier-transfer reson. 2—40678
- ^{87}Rb, modulated fine and hyperfine components of absorbed light beams 2—8458
- Sb, optical Shubnikov-de Haas effect obs. 2—22480
- $Y_{3-2x}Ca_{2x}V_xFe_{5-x}O_{12}$, Faraday rot. and absorpt., circular dichroism 2—40611
- YFeO, magnetic domain wall, concave, light beam focusing 2—7969
- YIG:Si, polarization-depend. photoinduced effects 2—26116
- YIG:Si, spontaneous and photoinduced linear dichroism 2—22730

Magnetoacoustic effects
- antiferromagnetic, near Neel point, u.s. absorpt., theory 2—16027
- n-CdSe, conduction band edge, magnetophonon effect 2—19661
- ferrite discs, resonance, two- stage parametric excitation 2—30001
- Hall MHD duct, l.f. response of flow 2—28489
- magnetostrictive excitation of sound in mag. materials 2—25675
- metal, attenuation by Bragg-reflected electrons, jellium model 2—4052
- metal film, quantum absorpt. oscills. of u.s. in mag. field 2—6722
- nonlinear phonon-magnon inelastic scatt. processes 2—40066
- resonance, in substance with periodic plane-parallel domain struct. 2—6966
- semiconductor, acoustomagnetoelec. effect 2—9881
- semiconductor, degenerate, longit. phenomena 2—36344
- semiconductor, electroacoustomag. effect 2—6671
- semimetal, electroacoustomag. effect 2—6671
- semimetal, longit. phenomena 2—36344

Magnetoacoustic effects continued
- surface wave electron interactions in solids 2—22416
- water, u.s. propag., mag. field effects 2—18820
- waves, propagation, reflection and transmission in magnetosphere 2—13736
- waves, propagation in equilibrium magnetoplasma having linear inhomogeneities 2—28496
- YIG, hypersound absorpt. in mag. field, 4.2-300K 2—6669
- Bi, magnetosonic-elec. effect 2—16125
- Bi, pure and doped, attenuation, Landau level broadening 2—29537
- $FeBO_3$, ferromag., acoustic reson., magnetoelastic consts., spin wave energy gaps 2—22675
- α-Fe_2O_3, ferromag, acoustic reson., magnetoelastic consts., spin wave energy gaps 2—22675
- Hg single crystal at 4.2K exptl. dips in attenuation explains by electron dislocation interaction 2—25674
- InSb, u.s. attenuation, electron-phonon interaction 2—32838
- $Mn_{0.82}Fe_{2.18}O_4$, acoustic losses due to disaccommodation mag. relax. effects 2—29538
- Tb, magneto-elastic coupling, magnon- phonon interactions 2—13393
- YIG:Ga, on GdGa garnet substrate, acoustic surface wave isolator 2—40065

Magnetocaloric effects *see Magnetothermal effects*

Magnetocrystalline anisotropy
- *see also Magnetic anisotropy*
- No entries

Magnetoelastic effects *see magnetoelastic effects*

Magnetoelastic waves
- antiferromagnet, fluctuations and scattering processes near crit. mag. field 2—6988
- ferromagnet, optically-excited magnetostrictive waves 2—10219
- ferromagnetics, magnetoelastic props. rel. to mech. stresses 2—26043
- ferromagnets ~~and antiferromagnets,~~ dynamic magnetoelastic coupling 2—26045
- gyromagnetic waveguides, dynamiic modes 2—30950
- Love, surface, in initially stressed conducting media 2—34083
- Love wave propag. in metal-coated layered substrates 2—13401
- magnetic material with periodic plane-parallel domain structure 2—6966
- in magnetoelastic medium, stress analysis, simple wave motion 2—27159
- magnetoelasticity, geometrical treatment of propagation, stress analysis 2—27160
- magnon-phonon interaction in a time-dependent magnetic field, quantum theory 2—40437
- measurement, parametric pumping method 2—25993
- nonlinear dissipative, in inhomogeneous media 2—14071
- Rayleigh, surface, in initially stressed conducting media 2—34083
- Stoneley, surface, in initially stressed conducting media 2—34083
- surface spin wave propag., Love wave penetration depth 2—29793
- torsional loadings of perfectly conducting elastic half-space 2—27219
- $FeBO_3$, ferromag., magnetoelastic consts., acoustic reson. 2—22675
- α-Fe_2O_3, ferromag., magnetoelastic consts., acoustic reson. 2—22675
- α-Fe_2O_3, magnetic domain structure studied, wall energies estimated using magnetoelastic coupling 2—10196
- Gd, ferromagnet, rel. to anomalous dips in sound velocity obs. 2—25490
- Ni, electrolytic, damping, anisotropic effects, in magnetic field 2—4379
- YIG:Ga, on GdGa garnet substrate, acoustic surface wave isolator 2—40065
- YIG delay lines with linear dispersion 2—33147

Magnetoelectric effects
- *see also Galvanothermomagnetic effects; Hall effect; Magnetoresistance*
- alloy, unidirectional anisotropy, elec. resist. tensor 2—9952
- band structure, u.s. susceptibility, galvanomagnetic meas. 2—32877
- ferromagnetic film, voltage charact. 2—4387
- film, magnetic texture, determ. by galvanomag. effect meas. 2—16334
- film, Procopiu effect, induced e.m.f. 2—6981
- p-GaAs galvanomag. effects in impurity zone cond. region, 300 and 77 K 2—32980
- ionic solns., infinite dilution, electromag. conductivity application of classical statistics 2—15604
- magneto-surface impedance of metals and surface scattering effects 2—40165
- materials development and application 2—13370
- metal, magnetocond., theorem 2—36438
- nonlinear, quantum circuit nonlinear galvanomagnetic, quantum limit 2—19488
- pseudopotential approach to magnetic energy bandstructure and magnetic breakdown in metals 2—32913
- pulsed magnetic field measurement, semiconductors 2—19776
- semiconductor, many-valley, in strong mag. field and heating elec. field 2—16203
- semiconductor, nonlinear effects, electron recomb. influence 2—6799
- semiconductor, self-magnetoconc. effect 2—33012
- steel, high Cr, embrittlement, thermo-e.m.f. and galvanomagnetic obs. 2—3899
- theory and experiment, review 2—13369
- Bi single crysts., in const. mag. field exposed to microwaves, const. short cct. currents, 4.2 K 2—36443
- $CdCr_2Se_4$-metal junction, magnetocapacitance effect 2—36555
- Cr_2O_3, relax. effects, relax. peaks, complex dielec. technique obs. 2—40547
- $DyAlO_3$, susceptibility, rel. to metamag. behaviour 2—10246
- Fe-Ni film, electrodeposited, perpendicular anisotropy study 2—36723
- Fe_2TeO_6, susceptibility, temp. depend. 2—40557
- GaAs, low resistivity, photomagnetoelec. obs. of carrier lifetime on electron bombardment and annealing 2—36508
- Ge, galvanomag. recomb. effect in inhomogeneous elec. field, carrier density distrib. 2—25854
- p-Ge, minority carrier lifetime, photocond. and photo-magnetoelec. obs. 2—22563
- Ge, non-stationary galvanomag.-recomb. effect 2—29700
- Ge, self-magnetoconc. effect 2—33012
- n-InAs, low temp. non-Ohmic galvanomag. effects 2—16211
- InSb surface, magnetoconductance oscillations of n-type inversion layers 2—33007
- $Li(Fe_{0.5}Ta_{0.5})O_2F$, ferroelec. antiferromag. ceramic 2—4413
- $Nb_2Co_4O_9$ parallel annealing treatment, magnetic point group $\bar{3}'m'$ 2—4406
- Ni epitaxial film, domain struct. determ. 2—13410
- Ni film, epitaxial, plane galvanomag. effect anisotropy 2—33152

Magnetoelectric effects continued
- NiTe, polycrystalline thin films, variation of Hall voltage with mag. field 2—1520
- $PbFe_{1/2}(Mn_{1/2})Nb_{1/2}O_3$, spontaneous magnetoelec. magnetiz., destruction by mag. field 2—10251
- Te, galvanomag. props., 0.05-77K 2—29688

Magnetogasdynamics *see Magnetohydrodynamics*

Magnetohydrodynamic generators *see Electricity, direct conversion/magnetohydrodynamic*

Magnetohydrodynamic waves
- Alfven, in plasma, amplification in time varying magnetic field 2—28621
- Alfven, supergranulation drivers, in solar chromosphere, effect on solar wind microstructure 2—37391
- alfven waves, in anisotropic plasma under hose instability conditions 2—6069
- Alfven waves, parametric amplification 2—39173
- compressible conducting fluid, 2 dimens. wave motion near mag. neutral line 2—39078
- interaction with magnetospheric motions, pulsations associated with geomag. storms 2—16924
- in magnetosphere, nonlinear interaction and decay instability 2—13737
- plasmoid, production and propagation in a nonlinear Alfven wave 2—12416
- solar wind, hydromagnetic waves and discontinuities 2—26903
- sunspots, Alfven waves in umbral flux tubes 2—37417
- undamped transverse plane waves in fluid of finite diffusivities 2—18579

Magnetohydrodynamics
- *seealsoElectrohydrodynamics;Magnetohydrodynamic waves; Plasma/magnetohydrodynamics*
- Alfven waves, original interpretation and work of Haines Alfven 2—6051
- aligned-fields flow, velocity meas. upstream of semi-infinite Rankine body 2—6053
- atmosphere proton radiation belt, hydromagnetic noise spectrum 2—26526
- azimuthal dissipative flow set up by rotating magnetic field 2—28491
- blunt body problem, time-dependent numerical analysis 2—24635
- boundary layer at large Stewart numbers on disc and longitudinal streamline flow on rotating body 2—959
- boundary layer of high temp. turbulent gas jet in longitudinal magnetic field 2—970
- boundary layers, ionizational and electron thermal nonequilibrium 2—28484
- boundary-layer control to reduce drag on submerged vehicles 2—3340
- boundary-layer flow at high Prandtl number, aligned field on flat plate, heat transfer 2—39084
- channel flow, dispersion of soluble matter, effects of an external circuit 2—3190
- channel flow, effect of external circuit on heat transfer 2—3185
- channel flow in inclined magnetic field, development of transverse pressure 2—28482
- channel flows, steady crossed-field, generalized solutions 2—18576
- colloidal mixture, applications 2—24636
- conducting dilatant fluid in transverse magnetic field, stability 2—28485
- conducting fluid in axial magnetic field, semiempirical formulation 2—39045
- conducting gas, one-dimensional MHD flow 2—24640
- conical flows 2—3188
- convective instabilities, effects of ohmic heating 2—39082
- convective instability in liquid metal circuit, in non-uniform mag. field 2—957
- Couette flow, supercritical stationary states 2—8906
- Couette flow between corotating conducting cylinders, exact soln. for stability 2—31933
- Couette flow with zero discharge of fluid 2—31934
- cylindrical shock wave propagation in a self-gravitating gas 2—12493
- damping of liquid metal drop oscillations in non-conducting fluid by transverse magnetic field 2—949
- drop in non-reacting conducting fluid, effects of conductivities and permeabilities of two fluid phases 2—12352
- dynamics of a toroidal magnetic ring rel. to solar spots and spicules 2—17075
- dynamo action brought about by velocity turbulence, statistically exact equations 2—6057
- dynamo action of fluid motions with two-dimensional periodicity 2—15441
- electric field pulsation intensity and spectrum variation along channel in constant transverse mag. field 2—3184
- electrolytes in capillary porous systems, kinetic effects and rate of flow 2—31929
- electrolytes in capillary porous systems, kinetic effects rate of flow electro and mass transport 2—35446
- electromagnet polepiece design for securing given magnetic field distribution 2—27411
- e.m. processes in MHD channel 2—939
- e.m. processes in MHD channels, boundary discontinuity problem 2—28492
- energy transmission of inductive accumulator for MHD compression of magnetic flux 2—31928
- equilibrium motion of particles in viscous conducting liquid in crossed fields 2—8903
- equilibrium stability of fluids by dynamic techniques 2—15455
- Falkner-Skan problem, flow past nonconducting body 2—39086
- flour, visco-elastic fluid, heat exchange, effect of magnetic field 2—6055
- flow, channels at large magnetic Reynold's numbers 2—964
- flow, conducting liquid between parallel plates, equations 2—6171
- flow, near oscillating wall 2—8896
- flow, rolling waves in perpendicular magnetic fields 2—39083
- flow, semi-bounded axisymmetrical, in strong mag. field, visual study 2—962
- flow, shear unstable, of non-Newtonian conducting liquid with restricted rheological law 2—944
- flow, three dimensional, past cylinder in transverse magnetic field 2—972
- flow, turbulent to laminar transition obs. 2—18582
- flow, two-dimens., near mag. neutral line, perturbation theory 2—39078
- flow between two rotating coaxial cylinders under radial magnetic field 2—39087
- flow constraint effects on local resistance in transverse magnetic field 2—28483
- flow in finite rectangular ducts, prediction of limiting Nusselt numbers 2—6052

Magnetohydrodynamics continued
- flow in pipes with differing wall conductivities and in inclined magnetic field 2—28488
- flow in square channel with various wall conductivities in skew mag. field 2—952
- flow meas. by ratio method 2—948
- flow near oscillating plate, effects of transpiration 2—31931
- flow of conducting fluid in rectangular channel with segmented walls 2—954
- flow of conducting gas in Laval nozzle in presence of vertical 2—6054
- flow of conducting liquids in rectangular channel 2—953
- flowmeters, conducting, optimum magnetic field distribution 2—950
- fluid, hot layer, stability by Liapunov method 2—39077
- fluid pressure in infinite cylindrical channel in crossed electric and mag. fields 2—963
- forces on particles of non-uniform medium in crossed electric and magnetic fields 2—942
- free convection of conducting fluid in transverse mag. field 2—956
- generator, optimal soln. of variational problem 2—27395
- gravitational convection in ferromagnetic liquids due to magnetic heating 2—941
- gravitational instability, interface separating two streams in presence of uniform rotation and uniform magnetic field 2—39085
- gravity waves, internal, propagation in conducting fluid with shear flow, rotation and magnetic field 2—24639
- Hall effect in liquid with tensor conductivity in travelling magnetic field 2—28480
- high-current quasi-steady MPD accelerators, anode phenomena 2—27397
- homopolar machine with supercond. magnet and liq. metal contacts 2—7819
- hydraulics of device with non-uniform distribution of forces 2—971
- hydromagnetic source flow 2—39081
- hydromagnets with independent excitation 2—951
- ideal, without dissipation, steady axisymmetric toroidal equilibrium 2—18574
- instability in supermassive rotating magnetic polytropes 2—10859
- interpenetrating electromagnetic fluids eqns. of motion 2—940
- inviscid fluid flow between rotating cylinders under axial and transverse magnetic fields, stability of nonrotationally symmetric disturbances 2—39088
- ionosphere, sporadic E, review of formation mechanisms 2—4744
- jet, 2-dimens., hydromagnetic instability at small mag. Reynolds numbers 2—18580
- laminar flow in annular channel at large Reynold's numbers 2—967
- laminar flow in circular pipes, effect of travelling magnetic field 2—3187
- laminar flow in rectangular tube, at moderate Hartmann numbers 2—35447
- lateral velocity profile, on current conducting surface, laminar boundary layers 2—28486
- line sink in uniform magnetic field 2—3189
- linear and nonlinear perturbations 2—39031
- liquid metal flow in skew mag. field 2—968
- liquids, applications to planetary ellipsoids 2—13889
- magnetic field influence on matter outflow from supermassive rotating magnetic polytropes due to rotational instabilities 2—13815
- magnetic field of linear currents in flowing conducting medium 2—966
- magnetogas flow, nonstationary, intrinsic equations 2—3181
- magnetogasdynamics, cylindrical blast wave propagation 2—18575
- MGD intrinsic equations, geometric- mechanical characteristics of motion for axially symmetric case 2—39080
- mixed type converters, conducting solids in external fields 2—27396
- moving coordinate systems theory, application, geometric and kinematic interpretations 2—35392
- nematic mesophase, director behaviour under mag. field in spinning sample tube 2—35445
- nonstationary case, MHD system of eqns., dynamo model 2—8895
- oscillations of a fluid in a rotating cavity 2—8901
- paramagnetic fluid, continuum model analysis 2—31932
- perturbations, overlooked, for incompressible systems 2—35449
- pickup, velocity meas. of plasmatron jet 2—15470
- pipe flow, mass flow rate by asymptotic expansion 2—8900
- plane channel, mag. field distribution 2—955
- poloidal magnetic field, effect on oscillations of polytrope 2—10864
- porous duct with cross-section in shape of annular sector 2—6056
- pump, submerged a.c. conduction, for pumping Mg 2—960
- d.c., pump operating characteristics in braking regime for liquid ferrous metals 2—8898
- pumps, pressure head calc. effects of magnetic field upper spatial harmonics 2—945
- relativistic MHD, for perfect fluid coupled to frozen-in mag. field barometric formula 2—8897
- rotating conducting fluid in mag. field, resonance effects 2—28494
- rotating disc in liquid metal medium in magnetic field 2—943
- rotating fluid annulus, hydromagnetic stability 2—31927
- rotating fluid layer, hydromagnetic convection 2—8905
- rotating fluids, applications to geophysics and astrophysics 2—24642
- rotation of conducting liquid between dielectric discs in crossed electric and mag. fields 2—958
- running stream, uniform magnetic and current fields, anisotropic surface wave motions 2—3182
- self-excitation in certain symmetrical systems 2—973
- slow two-dimens. flow past insulating cylinder 2—18578
- solar, dynamo model for large scale fields 2—11049
- solar corona, pulsations, radio-astronomical evidence 2—11155
- spin up of fluid confined by two flat electrically conducting boundaries 2—8902
- stability, heterogeneous conducting fluid under combined effect of coriolis and radial gravitational forces 2—938
- stability det. of laminar flow with MHD-rotation 2—24641
- stability of developing laminar flow in parallel plate channel 2—24621
- stability of dissipative shear flow 2—18581
- stability problems in astrophysics 2—26585
- stagnation region of blunt body, radial magnetic field 2—18577
- stationary aligned flow with given streamlines 2—35448
- sun, 80 MHz obs. of advancing MHD disturbance type IV burst and coronal magnetic field 2—11154
- sun, dynamo theory of general magnetic field using mean-field MHD 2—11048
- sun, hydromagnetic structure at boundary of supergranule 2—7569
- Super Alfvenic flow, second order Cowley-Imai analogy 2—24638

Magnetohydrodynamics continued
super Alfvenic supersonic flow, over cone in aligned fields 2—24960
three-dimensional flow between two porous discs 2—39079
toroidal MHD-equilibria, stability criteria 2—8899
transition to turbulence, Reynold's number increase 2—974
travelling wave interactions with non magnetic gaps 2—946
turbulence, two dimensional in strong mag. field 2—975
turbulence experiments in a transverse magnetic field, random fluctuations 2—39089
turbulent boundary layers with electron thermal nonequilib. and finite rate ionization 2—31935
turbulent magnetic fields, evolution, steady state approach 2—8907
turbulent velocity waves and kinematic dynamo activity in astrophysical objects 2—10792
two oscillating plates, system initially at rest 2—18572
two-phase flow, high-velocity, transverse slip of gas and energy migration 2—35439
unstable free convection of viscous liquid along porous plane infinite vertical plates 2—28481
unsteady flow in conduits of arbitrary cross section, analysis by complex variable approach 2—28490
unsteady flow in duct 2—31930
unsteady hydromagnetic free convection past vertical flat plate 2—3183
velocity meter with cylindrical magnet, potential distributions 2—947
velocity profile in acceleration region near plate in e.m. field 2—965
viscoelastic fluid layer, convection and stabilization 2—8904
viscous incompressible conducting fluid, linear flow past infinite flat plate with constant suction in transverse magnetic field 2—3186
volume forces calculation, conducting liquid between ferromagnetic cylinders 2—28487
vortex flow in cone 2—969
zonal kinetic energy equation, hydromagnetic symmetrical terms 2—24637
He ions, motion under induced field in magnetic field 2—30989
Hg flow in travelling magnetic field, transitory reversed and turbulent motion 2—28493
ZrO_2 electrodes stabilised with Y_2O_3, electrode potential falls and resistance in flow of ionized gas 2—28479

Magnetomechanical effects
see also Gyromagnetic effect; Magnetoelastic waves; Magnetostriction
circulatory elastic systems with magnetic damping, stability 2—17309
ferrite core, losses, effect of alternating mag. field 2—19901
ferrites, polycrystalline, anisotropic, ferromag. resonance 2—26254
ferromagnet, Barkhausen jumps 2—6964
ferromagnet, with impurities, coherent magnetoelastic effects 2—40498
ferromagnetic film, deformed, magnetoelastic energy calc. 2—36720
invar, ΔE effect, E=Young's modulus, variation with temp. 2—33145
invar, ΔE magnetovolume effect, Weiss two γ-states treatment 2—33146
Invar, internal friction in alternating mag. field 2—12834
Invar, mag. internal friction peak, -20°C 2—12833
Invar effect origin 2—16379
large wire spark chambers, with magnetostrictive read-out 2—31390
linear chain model, localized and virtual magnetoelastic states 2—16356
magnetoelastic model applic. to first order transitions 2—16343
materials development and application 2—13370
measurement, parametric pumping method 2—25993
memory elements, thin film magnetoelastic sensitivities 2—19893
torsion pendulum, oscillations, damping 2—149
Cr-X dilute alloys, (X=V, Ru, Rh, Re), Young's modulus, temp. depend. 2—13416
Fe-Al alloy, influence of hot and cold rolling and annealing 2—6980
Fe-Si, internal friction in alternating mag. field 2—12834
Fe, polycrystalline ferromag., remanent condition, domain struct. rel. to elastic deform. 2—19865
Fe alloys, damping, model obs. 2—26044
Fe single crystal, reactivation of mechanical aftereffect by discontinuous change of external mag. field 2—25473
Fe wires, Procopiu effect 2—10218
Ni-Co alloy, creep, effect of mag. transform. 2—12873
Ni-Co alloy single crystal, magneto-plastic effects 2—33144
Ni-Cu-Co-Fe ferrites, magnetostrictive, magnetomech. props., 233-373K 2—40529
Ni, applied stress effect on magnetomech. damping 2—33149
Ni, damping, plastic deform. effect 2—19890
Ni, magnetostriction coefficients 2—6978
Ni, Magnetostriction constants 2—6977
Ni electrolytic film, coercive force, tensile and torsional stress effects 2—4394
Ni single crystal, magneto-plastic effects 2—33144
Tb, magneto-elastic coupling, acoustic wave vel., magnon-phonon interactions 2—13393

Magnetometers *see Magnetic field measurement*

Magnetoreflectance
No entries

Magnetoreflection *see Magneto-optical effects*

Magnetoresistance
see also Magnetoelectric effects
n-CdSe, conduction band edge, magnetophonon effect 2—19661
ferromagnetic metal, cubic crystal, rel. to the two dimensional Hall effect 2—16136
galvanomagnetic oscill., utilizing magnetoresist. of a semicond. 2—21008
graphite, neutron irrad. polycryst. and boronated single cryst., negative magnetoresist 2—22528
high-field, Kubo-Mott formula for metals 2—32912
metal, anomalous longit. magnetoresist. 2—13108
metal, noble, small angle scatt. and Kapitza law 2—9950
metal, polycrystalline, open Fermi surface transverse magnetoresistance, onset of linear field dependence 2—4156
metal film, longit. magnetoresist. and partially specular boundary scatt. 2—25756
negative, in semiconductors with overlapping impurity and conduction bands 2—29682
rare-earth elements, alloys and compounds 2—25987
semiconductor, hopping cond. in strong mag. field theory 2—6808
semiconductor, hopping magnetoresist., gauge invariance 2—9993
semiconductor, n-InSb, u.s. generation and amplification mechanisms, crossed electric and magnetic fields 2—4050
semiconductor, n-type, analysis of two band effects 2—9987
semiconductor, nondegenerate, carrier parameters 2—29651

Magnetoresistance continued
semiconductor, polar, longit. magnetoresist., displaced-Maxwellian analysis 2—36487
semiconductor, transverse magneto-cond. of two-dimens. electron gas 2—40229
semiconductors, pseudoresonances in magnetophonon structure 2—19624
sensor for garnet bubble domains 2—40446
Ag-Au(Pd) dil. alloys, low field, anisotropy and Fermi surface obs. 2—1474
Ag-Mn alloy, nondilute, Kondo effect 2—19917
Ag-R dil. alloys, R=rare earth metal, review 2—13110
Al, temp. depend., correl. with Matthiessen's rule deviations 2—1482
Be, mag. breakdown, oscillations amplitude, temp. depend. 2—1483
Be, Shubnikov-de Haas effect and mag. breakdown 2—6748
Bi:Te, helicon standing wave resonance obs. 2—25749
Bi-Sb alloy, transport properties 2—29660
Bi-Sb alloys, press. influence 2—32968
Bi film, quantum size effect 2—25765
$Bi_{95}Sb_5$:Te, Shubnikov de Haas effect, longitudinal and transverse oscillations 2—29683
C fibre, polyacrylonitrile-based 2—13266
p-$CdCr_2Se_4$, ferromagnetic semiconductor, elec. field dependent magnetoresistance 2—32972
$Cd_xHg_{1-x}Te$, Shubnikov-de Haas oscillation, Landau level splitting 2—32998
Co-Ni thin film, mag. field depend. 2—13403
Co film, amorphous 2—33151
Cr, anaomalous longit. magnetoresist. 2—13108
Cu-Au alloy, neutron irrad., deviation from Kohler's Rule 2—16143
Cu-Au(Ge)(Ni)(Zn) dil. alloys, low field, anisotropy and Fermi surface obs. 2—1474
Cu-Mn alloy, nondilute, Kondo effect 2—19917
Cu-Ni-Mn dil. alloys, resist. minima 2—1484
Cu, linear field dependence of transverse magnetoresistance rel. to Fermi surface topology 2—4156
EuS, ferromag. semiconductor, transient photocond. 2—10136
EuTe, negative magnetoresist. obs. 2—29665
$FeCr_2S_4$, ferrimag., rel. to spin disorder scatt. 2—32977
Fe_3O_4, magnetite, phase transformation, 77-300K 2—25816
Ga, longitudinal magnetoresistance at 20.3K 2—40175
Ga heat switch at liquid He temps. 2—41359
n-GaAs:Te, Dingle temp., cyclotron mass, Hall mobility, Dingle mobility, Shubnikov-de Haas effect, 1.9-4.2 K 2—22548
GaAs, electrical characterization 2—33009
p-GaAs, galvanomag. effects, transverse magnetoresist. 2—32980
n-GaAs, magnetophonon reson., many-phonon scatt. 2—19641
GaAs, stress-modulated magnetoreflectivity, band parameters 2—33234
GaAs Gunn device, high field diagnostics 2—36564
GaAs monocrystalline film, anisotropy, thickness, field and temp. depend 2—19678
GaSb, stress-modulated magnetoreflectivity, band parameters 2—33234
Ge:Nd,Eu, negative component, rel. to cond. electron scatt. by localized states 2—13270
Ge, apparatus and heterojunction for obs. 2—22750
n-Ge, magnetoresistivity rel. to elec. field strength 2—29701
n-Ge, negative long. magnetoresistance of hot electrons 2—29703
n-Ge, quantum transfer, on uniaxial elastic deformation 2—4235
n-Ge, strong-field d.c. magnetoresist., anisotropy 2—6850
n-Ge, transverse galvanomag. coeffs. in strong elec. fields 2—6851
In, rel. to lattice thermal conductivity, Corbino disc. sample 2—16068
n-InAs, Shubnikov-de Haas effect 2—16211
p-InAs surface, clean cleaved, resist., temp. depend., <4.2K 2—10019
n-InP, magentophonon oscillations of transverse magnetoresist. 2—6820
n-InP, magnetophonon oscillations of longit. magnetoresist. 2—10018
InSb, 77K, anisotropy 2—6807
n-InSb, electron temp. determ. from Shubnikov-de Haas oscills. 2—36510
InSb, for m.i.s. devices 2—19728
p-InSb, Hall effect, Shubnikov-de Haas oscills. 2—40259
n-InSb, magnetophonon resonance of hot electrons at 77K 2—36527
n-InSb, rel. to negative photocond. in transverse mag. field 2—33070
n-InSb, rel. to transverse mag. field effects on photocond. 2—29767
n-InSb, SdH period anisotropy, rel. to conc. depend of warped Fermi surface 2—19509
n-InSb, u.s. generation and amplification mechanisms, crossed electric and magnetic fields 2—4050
InSb surface, magnetoconductance oscillations of n-type inversion layers 2—33007
K, model for analysis 2—1590
K, polycryst., impurity, strain, temp., and size depend. 2—40176
$LaSn_{3-x}In_x$, 1.5 to 300 K, electronic struct. obs. 2—32919
$Li_{0.5}Fe_{2.5}O_4$, ferrite, transverse magnetoresist., 300-550 K 2—19649
$Li(NH_3)_4$, 1.5-77K, calc. of mobilities and number densities using two-band model 2—19547
Mg, open trajectory and Fermi surface obs. 2—32882
Nb, Fermi surface and scatt. process study 2—25734
$NbSe_2$, ratio of effective masses 2—19590
Ni-Fe films, ang. depend. 2—33153
Ni film, transverse magnetoresist. anisotropy and geometrical size effect 2—32921
Ni granular films, mag. prop. obs. 2—36727
Ni single crystal thin films, planar magnetoresistivity and planar Hall effect 2—40456
$Pb_{1-x}Sn_xSe$, Shubnikov-de Haas effect, Fermi surface 2—25841
Pd-Si:Fe, Cr, rel. to Kondo effect 2—25768
Pt-Co dil. alloy, temp.and field depend. props. 2—16344
$PtSb_2$, valence band struct. 2—25842
Sb, band struct. obs. 2—32909
Sb, damping of Shubnikov de Haas oscills. and Landau level width 2—25755
Sb and Sb-Bi alloys, interband transitions 2—16473
Sc_3In, longit. magnetoresist. 2—40492
n-Si, and polar Hall effect at 77K 2—29711
Si, intervalley scatt. mechanism 2—22568
Si, multiband conduction model and anisotropic channel conductivity on (110) surface 2—16239
N-Si, transverse magnetoresist. in heating elec. fields 2—4237
p-SnTe, valence band struct., weak field magnetoresist. 2—25843
Te, Shubnikov-de Haas effect, valence band transformation under hydrostatic pressure 2—10052
Te, surface quantum states in accumulation layer 2—16232

Magnetoresistance continued
  TlBr, photoexcited, temp. depend. 2—40264
  V-Fe alloys, low temp. behaviour 2—33117
  W, anomalous longit. magnetoresist. 2—13108
  ZrH, field and H content depend., current carrier mobility 2—6824
Magnetosphere
  aurora substorms, space-time patterns of development 2—22993
  boundary position and mag. field variation during geomag. storms 2—10773
  bow shock, in oblique interplanetary field 2—33498
  bow shock, obs. for low Mach numbers using plasma and magnetic field data 2—4703
  bow shock, ratio of specific heats in solar wind plasma flow through 2—16874
  bow shock crossings, distant, plasma wave obs. 2—20370
  charged particle acceleration by nonstationary electric fields 2—22989
  configuration, solar energetic particles access point, magnetotail 2—40982
  convections, interactions with hydromagnetic oscillations, pulsations associated with geomag. storms 2—16924
  diurnal magnetic activity pattern, internal course 2—33520
  electric field, dependence on solar wind velocity 2—13744
  electric fields, interplanetary origin 2—20363
  electric fields in presence of fast electron inhomogeneity 2—20403
  electrodynamics, dynamo and motor 2—20405
  electron beam stability injected along geomagnetic field 2—20361
  electron energization, periodic, due to r.f. wave propagation 2—4702
  electron precipitation, estimation from conjugate conductivity asymmetry 2—20360
  electron precipitation associated with discrete v.l.f. emission near plasmapause 2—16876
  e.l.f. and v.l.f. fluctuations, satellite observations 2—33507
  e.l.f./v.l.f. radiation resist. of finite dipole in multicomponent system 2—31978
  e.m. l.f. sounding, modulation of spectrum and amplitude 2—13747
  equatorial ring current and polar electrojet, connection 2—30330
  excitation of ion acoustic waves 2—30315
  exosphere, ion currents of H^+, He^+ and O^+ 2—26522
  fast solar particle injection through neutral points, simulation 2—33504
  field distortions, Ogo 3 and 5 obs. 2—20367
  field distortions observed by OGO's 3 and 5 2—13748
  geomagnetic tail, structure and substorm 2—33501
  geomagnetic tail oscillations, model based on plasma cylinder immersed in solar swind plasma 2—33500
  helicon, whistlers, propagation, non-linear effects 2—13746
  hydromagnetic waves with fixed phases, decay instability 2—13737
  inner magnetosheath, physical structure of hydromagnetic disturbances 2—16875
  intrusion of fast particles, simulation expt. obs. 2—37192
  ion cloud in magnetoactive plasma, effect on ion-electron collisions on motion 2—18599
  ionosphere-magnetosphere interactions, conference (New Delhi, Feb. 1971) 2—20401
  Jupiter, estimation of characteristics 2—30548
  Kelvin-Helmholtz instability of the magnetopause 2—16877
  long wave radio phenomena studies, RAE-1 satellite, equipment design, calibration, performance 2—30389
  longitudinal currents along geomagnetic lines of force, transformed from ionospheric currents 2—22990
  magnetic drift waves near proton cyclotron frequency 2—12391
  magnetic field effects on propagation of low energy cosmic rays 2—4752
  magnetic field generation in magnetopause by perturbation of solar wind, influence of Hall effect 2—26523
  magnetic field inside, model 2—20377
  magnetic field model, surface currents effects 2—22991
  magnetoacoustic waves, propagation, reflection and transmission 2—13736
  magnetopause and bow shock, average and unusual locations 2—13738
  magnetopause attitudes, determined from satellite crossings 2—13740
  magnetopause structure, review 2—16878
  magnetopause structure during magnetic storm, satellite observations 2—13739
  magnetotail, distant, substorms variation of mag. field and plasma sheet 2—20422
  magnetotail, high latitude, geomag. storm particles 2—20368
  magnetotail mag. fluctuations during polar mag. substorms, localized character 2—13796
  micropulsations of decreasing period and development of asymmetry in the ring current 2—10775
  nightside, convection electric fields, rel. to wave and particle phenomena during substorms 2—20371
  observatory, radar system employment 2—37187
  open, mathematical mocels, application to dayside auroras 2—20366
  particle precipitation, patterns and sources 2—1890
  phenomena causing v. small geomag. field variations, rel. to solar activity 2—20419
  phenomena rel. to broad band micropulsation activity 2—16923
  plasma, cold, coupled resonances of hydromagnetic waves 2—15446
  plasma instabilities, theories, review 2—1887
  plasma motion, in electric field produced by geomagnetic disturbance 2—13735
  plasma phenomena and waves 2—23083
  plasma sheet, two-dimensional self-consistent solutions for tail 2—37193
  plasma sheet at lunar distance during geomagnetically quiet times 2—33506
  plasma sheet ions at lunar distance, preceding substorm onset 2—4955
  plasma sheet thinning during auroral substorms 2—16885
  plasma sources, wave-particle interactions and acceleration mechanisms 2—20365
  plasmapause bulge, sharp westward edge, geomagnetic data in dusk sector 2—20362
  plasmapause positions of OGO-V satellite crossings, comparison with Pi micropulsation events 2—30313
  plasmas, ion e.m. cyclotron instabilities 2—20372
  plasmasphere, dayside, H^+ concentration 2—20369
  plasmasphere, effects of time varying convection electric field 2—40980
  plasmasphere, size changes inferred from K- and K_p-indices 2—7324
  polar cap, nonuniform entry of energetic solar protons 2—30316
  polar caps, entry of solar protons 2—4704
  polar cusp observations during magnetic storm, satellite penetration into magnetosheath plasma 2—13741
Magnetosphere continued
  polar magnetic substorms rel. to nightside magnetosphere, review 2—41012
  response time to interplanetary electric field determ. from IMP-1 satellite data 2—37191
  ring current, polar magnetic substorm studies 2—40977
  Saturn, estimation of characteristics 2—30548
  slowly varying electric field meas. effects of field fluctuations 2—40981
  solar current penetration, perturbation obs. 2—33499
  solar proton entry from interplanetary space 2—20375
  solar wind protons penetration through boundary of geomagnetic field 2—22988
  storm sudden commencements and polar magnetic substorms 2—13743
  storms, variation of magnetic ativity with solar wind flux velocity 2—33502
  structure, development of various theories, Chapman ferraro theorem 2—16873
  structure during solar quiet periods, models 2—20364
  structure of geomagnetic field and currents in magnetosphere 2—23038
  substorms, effect of interplanetary magnetic fields and solar wind 2—13808
  substorms, impulsive energetic electron fluxes in the distant magnetotail 2—13797
  substorms, isolated, origin and effects of electric fields 2—20423
  substorms, simultaneous observations from satellites, balloons and ground-based instruments 2—13742
  substorms, vertical motions of midlatitude F_2 layer during 2—16913
  tail, formation model based on two-dimens. plasma flow 2—6064
  TBF blast in auroral zone, seasonal variations 2—22987
  trapped particles, radial diffusion induced by fluctuating fields 2—10753
  trapping regions for cosmic ray trajectories 2—26524
  two dimensional model, Earth's magnetic tail, plasma trapped on current sheet in dipole field 2—22992
  vertical currents, magnetic field components 2—33503
  v.l.f. waves propagation, nonducted, effects of plasmapause obs. 2—10743
  whistlers, quasimonochromatic packet, nonlinear modulation 2—40997
Magnetostatic waves *see Spin waves*
Magnetostriction
  antiferromagnet, insulating, second order phase transition model 2—6985
  ferrimagnet, energy change effects 2—33138
  ferrite, effects of non-collinear ordering 2—40517
  ferrites, magnetic annealing for increasing coupling constant of transducer 2—6979
  ferrites, polycrystalline, anisotropic, ferromag. resonance 2—26254
  ferromagnet, energy change effects 2—33138
  ferromagnet, influence on X-ray diffr. curves 2—12710
  ferromagnet, optically-excited magnetostrictive waves 2—10219
  ferromagnetic insulator, rel. to acoustic attenuation 2—36338
  ferromagnetics, magnetostriction sensitivity const. rel. to mech. stresses 2—26043
  ferromagnets, multiaxial, negative magnetostriction, domain wall displacement 2—19873
  Invar effect origin 2—16379
  Ising system, second order phase transition model 2—6985
  itinerant ferromagnet-, stiffness const., low temp. and critical behaviour 2—16362
  low field, statistical domains 2—4382
  magnetism working group meeting, Salzburg, Austria March (1971) 2—4350
  metal and alloys, magnetic-after effects 2—19860
  Permalloy, thermomag. treated, magnetostriction. field depend., plane anisotropy 2—16377
  $PrCl_3$, second order phase transition model 2—6985
  preamplifier, IC, variable threshold for magnetostrictive signals 2—14359
  rare earths, in terms of exchange coeffs. and cryst. potential parameters 2—40415
  rare-earth elements, alloys and compounds 2—25987
  sound wave excitation in mag. materials 2—25675
  spark chamber signals, amplitude in magnetically hard readout wires 2—2648
  steel cores, glass coating effects 2—39925
  rel. to thermal strain measurement, contact method 2—1435
  torsional vibrator for u.s. applic. 2—30874
  transition metal, cubic, obs. of shear distortion interaction with nuclear spins 2—25997
  Al, oscillatory obs. of Fermi surface press. depend. 2—16103
  Al, oscillatory obs. of Fermi surface stress depend. 2—25729
  $Bi_{0.3}Ca_{2.68}Pb_{0.02}V_{1.35}Fe_{3.65}O_{12}$, Co-doped, anomalies 2—10462
  $Bi_{0.3}Co_{2.7}Fe_{3.65}V_{1.35}O_{12}$ garnet, paramag. ion doped, ferrimag. resonance 2—4534
  Co crystal, internal, symmetry considerations 2—4359
  $DyFe_2$, giant magnetostriction 2—10244
  $DyFe_2$, giant room temp. magnetostriction 2—36741
  $ErFe_2$, giant magnetostriction 2—10244
  Fe-Mn and Fe-Mn-Ni alloys, Invar anomaly 2—13051
  Fe-Ni-Mn alloy, Co-substituted, Invar theory 2—40499
  Fe-Ni alloys, magnetovol. effects 2—13402
  Fe-Ni films, exchange stiffness const. 2—19897
  Fe-Si, annealing, 800°C, grain growth, texture 2—9805
  Fe-Si alloy, surface Ni film thickness depend. 2—1635
  Fe-Si alloy, X-ray diffr. obs. 2—19889
  Fe-Si dislocation-ferromag. domain interaction 2—10198
  Fe single crystal, reactivation of mechanical aftereffect by discontinuous change of external mag. field 2—25473
  α-Fe_2O_3, effect on magnetic domain structure and wall energies 2—10196
  α-Fe_2O_3, r.f. magnetostrictively-induced Mossbauer sidebands, particle size depend. 2—33219
  Ga, length change anisotropy at supercond. transition 2—19580
  Gd, crystal structure, mag. field effect, 150-373K 2—22680
  Gd, Curie pt. phenomena 2—9870
  $HoFe_2$, giant magnetostriction 2—10244
  InPb superconducting alloy alloys, and magnetization, effect of variations of cryst. struct., Fermi surface and mass enhancement const. 2—19823
  $Mn_xFe_{3-x}O_4$, rel. to cation distrib. 2—1640
  $NdCl_3$, seond order phase transition model 2—6985
  Ni-Co ferrite, Mossbauer and X-ray spectra 2—40528
  Ni-Co films, exchange stiffness const. 2—19897
  Ni-Cu-Co-Fe ferrites, magnetostrictive, magnetomech. props., 233-373K 2—40529
  Ni-Mn-Fe alloy, anisotropy, permeability 2—40455

- **Magnetostriction** continued
  - Ni-Mn alloy, mag. anisotropy 2—40454
  - Ni, film, polycryst., annealing behaviour of induced anisotropy 2—16381
  - Ni, rel. to magneto-optical anisotropy 2—16425
  - $Ni_{1-x}Co_xFe_2O_4$, effect of prep. method 2—29829
  - NiO, anisotropic and forced exchange magnetostriction, temp. depend. 2—6994
  - in SiFe transformer steel, equivalent cct. model 2—4381
  - Sn, quantum size oscillations, 1.4K 2—40151
  - Tb, magneto-elastic coupling, acoustic wave vel., magnon-phonon interactions 2—13393
  - $TbCo_3$ and $TbFe_{2(3)}$, room temp. obs. 2—40500
  - $TbFe_2$, giant room temp. magnetostriction 2—36741
  - Zn, stress depend. of needle-shaped electron pockets 2—36429
- **Magnetothermal effects**
  - *see also Galvanothermomagnetic effects*
  - ferrite, thermomagneto-optical memory in regions with modified mag. struct. 2—1620
  - ferromagnet, Nernst effect, side- jump model applic. 2—22484
  - ferromagnetic metal, heat conductivity mechanism 2—13056
  - gases, rarefied, polyatomic, obs. of thermomag. slip 2—21918
  - magnetocaloric effect of salt with linear spin chains 2—10166
  - Nernst effect, measurement of heat flow using InSb-NiSb eutectic 2—37810
  - ophiolites, rock magnetism obs. 2—1916
  - Permalloy, thermomag. treated, magnetostriction. field depend., plane anisotropy 2—16377
  - semiconductor, ferromag., Nernst coeff., model calc. 2—13333
  - semiconductor, heavily doped, low temp., calc. 2—40269
  - semiconductor, nondegenerate, Nernst-Ettingshausen coeff. 2—29651
  - superconductor, mixed state, Ettingshausen effect 2—13165
  - superconductor, type-II, transport entropy of vortices 2—13161
  - thermomagnetic force on solid sphere in heat conducting gas, kinetic 2—24975
  - thermomagnetic torque theory 2—21917
  - transition metals, supercond., Ettingshausen effect in mixed state 2—36474
  - Ag, Nernst-Ettinghausen effect, phonon drag contrib. 2—1581
  - Au, Nernst-Ettinghausen coeff. 2—10134
  - Bi, thermomag. power tensor and Umkehr effect 2—22633
  - $Bi_{1-x}Sb_x$ solid solns., Ettingshausen effect 2—13336
  - CdTe, Nernst-Ettingshausen effect, influence of optical phonons 2—25943
  - Co-W, supersaturated solid solution, decomposition, thermomagnetic obs. 2—3986
  - Cu, Nernst-Ettinghausen coeff. 2—10134
  - Fe-Ni-Cr, austenitic, carbide nucleation and precipitation, B effect 2—9810
  - Fe-Ti oxides, rhombohedral, thermoremanence studies 2—4291
  - β-$Gd_2(MoO_4)_3$, antiferromag., ferroelectric, magnetothermodynamics, 0.4-4.2K fields to 90 kG 2—10239
  - p-Ge, conductivity, evidence for Jahn-Teller effect 2—33185
  - n-InSb, rel. to scattering on short-range potential centres 2—10021
  - Ir, Nernst-Ettinghausen coeff. 2—40374
  - N_2, rarefied gas, obs. of thermomag. slip 2—21918
  - NO, Senftleben-Beenakker effects and thermomag. torque in varying fields 2—9041
  - NO, thermomagnetic torque, contributions from second derivative dyad of temperature and thermal creep 2—35686
  - Nb-Mo alloy, Ettingshausen effect and vortex motion entropy 2—13167
  - Nb, mixed state, Ettingshausen effect 2—13165
  - Ni-Co alloy, Nernst-Ettingshausen effect rel. to Hall effect 2—32920
  - Ni-Si alloy, energy changes in magnetiz. 2—33139
  - Ni ferrite, Co-containing, on X-ray and Mossbauer spectra 2—36917
  - Os, Nernst-Ettinghausen coeff. 2—40374
  - $Pb_{1-x}Mn_xTe$ solid soln., Nernst-Ettingshausen coeff., density-of-states effective mass 2—22539
  - n-PbS, Nernst effects, scatt. mechanisms, 1-80K 2—25949
  - Pt, Nernst-Ettinghausen coeff. 2—40374
  - Re, Nernst-Ettinghausen coeff. 2—40374
  - n-Si, Nernst-Ettingshausen effect, phonon drag 2—6894
  - V, mixed state, Ettingshausen effect 2—13165
  - Zn_2Y hexaferrite, magnetocalorimetric effect in spherical specimen, 290-450 K 2—10227
- **Magnetrons** *see Electron tubes; Microwave techniques and devices*
- **Magnets**
  - *see also Superconducting magnets*
  - a.c. electromagnets, calculation, measurement of dynamic operating characteristics 2—30984
  - accelerator electromagnet, computer calc. of mag. field 2—31395
  - air core, design in toroidal geometry 2—5322
  - alnico-base materials 2—23515
  - bar, determ. of magnetic moments 2—37883
  - cylindrical coil, mag. field components, closed-form expressions 2—7831
  - d.c. electromagnets, response time, optimum magnetomotive voltage 2—17531
  - design data, Fe-Ni alloys 2—6960
  - electro, 14 MW for use at CERN 2—11693
  - electro-, polarized, for control apparatus, design for 2—17532
  - electromagnet, coreless Bitter-type, current density and mag. field distrib. 2—7829
  - electromagnet, magnetic field, broadband stabilizer 2—17502
  - electromagnet for Gargamelle heavy-liquid bubble chamber 2—2643
  - electromagnet wire coating dissipation factor 2—5323
  - electromagnets, Hall-effect magnetometer for relative measurements 2—34300
  - electromagnets for proton accelerator, special Cu conductors 2—18039
  - Evershed's criterion, permanent magnet calculations 2—5320
  - levitation systems for high-speed vehicles 2—2344
  - magnetic deflection system, fringing fields correction, design method 2—17535
  - metallic and plastic, mechanical, thermal and mag. props at v. low temps. 2—14371
  - permanent, in fluid, interaction with external field 2—37884
  - permanent, materials characterization 2—40514
  - points dipoles, accelerated in circular and Keplerain orbits, e.m. radiation 2—34235
  - polepiece design for securing given magnetic field distribution 2—27411
  - quadrupole, drift tube, harmonic field contents calcs., optimum pole shape design 2—7830
  - quadrupole, effects of rounding corners on poles of polygonal profile 2—11434
- **Magnets** continued
  - rare earth-cobalt, processing 2—39896
  - rare earth-cobalt alloys, characterization 2—40516
  - rare earth-cobalt alloys, review of permanent magnet characteristics 2—40515
  - rectangular coil moving above cond. slab, lift and drag forces 2—30985
  - ring electromagnet of proton synchrotron equipment for mag. field obs. 2—21343
  - solenoids, low-temp. for production of pulsed and stationary mag. fields 2—2342
  - solenoids of bimetallic wires, production of strong impulsive mag. fields 2—23517
  - steel, for high-energy physics 2—23516
  - stigmatic deflecting, design for ion optics using diagrams in extended fringing field approx. 2—21037
  - superconducting gas cooled coils for culham Levitron, design and tests 2—37886
  - synchrotron, imperfections and beams blow up, corrective measures, CERN PS booster 2—14835
  - AlNiCo 5 cylindrical, external axial field graph 2—238
  - Fe-Cr-Co system, ductile permanent magnet 2—40474
  - Fe-Ni-Al-Co, thermomag. treatment quality, mag. texture study 2—36239
  - $SmCO_5$ for focusing in millimeter wave tubes 2—21032
  - $SmCo_5$ domain wall energy and coercive force 2—10200
  - $SmCo_5$ props. as function of Sm_3Co sintering aid 2—33143
- **Magnons** *see Spin waves*
- **Magnus effect** *see Aerodynamics*
- **Majorana effect** *see Magneto-optical effects*
- **Majorana forces** *see Nuclear forces*
- **Malter effect** *see Electron emission/secondary; Photomultipliers*
- **Mandelstam representation** *see Elementary particles/scattering*
- **Manganese**
  - $^{55}Mn^{2+}$, ENDOR IN K_2MgF_4, K_2ZnF_4, $ZnSiF_6$ crysts. with axial symmetry 2—30028
  - in alkali halides, matrix shifts of h.f.s. consts. 2—7024
  - atom, optical pumping, polarization of ground state 2—2932
  - atom, violet triplet pressure broadening and shift due to foreign gases 2—31664
  - atom, X-ray K-fluoresc. yields 2—8443
  - atoms, soft X-ray spectra, classification 2—5786
  - in brine, atomic absorption spectroscopy obs. 2—10661
  - epitaxial growth on LiF and NaCl substrates 2—9272
  - film, adsorption of oxygen, surface potential study 2—12683
  - fluorescence, transfer efficiencies, distances, in rare erath ion-glass system 2—4493
  - in human skin biopsies, nondestructive neutron activation analysis 2—41304
  - impurity in steel, rel. to secondary hardening during ageing 2—29398
  - impurity ions in $Zn_xCd_{1-x}S$ determ. position of emission band maximum in photoluminescence spectra 2—29999
  - in phosphor, radical recomb. luminesc., spectral kinetic regularities 2—13499
  - phosphors-glass interaction, halophosphate, Mn effect on binder burning-out 2—29965
  - photoabsorption cross sections calcs. 2—22779
  - population inversion, electrolum. excitation, impurity impact excitation 2—13524
  - spectra intensity increases due to presence of Na impurities in C arc 2—15524
  - in steel, austenitic, effect on NbN solubility and precip. 2—12968
  - steel impurity, effect on H crack corrosion resistance 2—6579
  - stellar compositions, measurements in the Hyades and field giants with narrow-band photometry 2—16993
  - surface studies, combined Auger and charact. loss. spectra obs. 2—3484
  - in Al-Cu-Cd(In) alloy, effect on elec. resist during ageing 2—9755
  - CaF_2:Mn, thermoluminescence emission spectra, continuous determ. 2—29982
  - CaF_2:Mn and CaF_2:Ce:Mn, cathode ray coloration 2—12787
  - CaF_2:Mn and CaF_2:Ce:Mn, cathodoluminesc. 2—13518
  - CaF_2:Mn dosimeters, thermoluminesc. kinetics, glow curve analysis, 300-700K 2—29974
  - $Ca_5(PO_4)_3F_xCl_{1-x}$:Mn^{2+}, fluorescence, effect of rapid cooling 2—10438
  - $Ca_5(PO_4)_3F_xCl_{1-x}$:Mn^{2+}, fluorescence 2—10437
  - CaS:Zr, Mn phosphor, luminesc. emission spectra, luminesc. mech. 2—36925
  - CdF_2:Mn film, prep. and electrolum. 2—13522
  - in Cu-Ni alloys, local moments 2—1484
  - KCl:Mn, central hyperfine splitting temp. depend., l.f. local mode obs. 2—10291
  - LiF:Mn, localized modes, Raman scatt. 2—25668
  - $Mg(Ga,Al)_2O_4$:Mn^{2+} phosphor for xerographic lamps 2—11524
  - γ-Mn, Mossbauer effect of ^{57}Fe, moment obs. 2—40617
  - Mn I, fluorescence excitation in long period variable stars 2—20549
  - Mn I forbidden lines in spectra of long period variables stars near minimum light 2—13895
  - Mn II ions in solution, calc. of e.s.r. spectra 2—22005
  - Mn IX to XIV, classification of emission lines from $3s^2\ 3p^n$-$3s\ 3p^{n+1}$ and $3p^n$-$30^{n-1}3d$ transitions 2—2936
  - Mn XXIII spectrum in e.u.v. identification and classification of spectral lines 2—31666
  - Mn^{2+}, concentration dependent luminesc. in magnesium metaphosphate glass 2—20105
  - Mn^{2+}, e.p.r. at 35 GHz in LiF 2—36989
  - Mn^{2+}, e.p.r. in CaO and MgO, exchange striction 2—20146
  - Mn^{2+}, e.p.r. in HgTe, HgSe and mixed cpds. rel. to bonding 2—26280
  - Mn^{2+}, e.p.r. in $K_2Mg_2(SO_4)_3$ 2—36987
  - Mn^{2+}, e.p.r. in $LiNbO_3$ 2—30011
  - Mn^{2+}, e.p.r. in MnO powdered crystals, defect effects 2—6479
  - Mn^{2+}, impurity in newberyite, mag. complexes, e.s.r. obs. 2—26282
  - Mn^{2+}, in CaS, cubic field splitting, e.s.r. obs. 2—20132
  - Mn^{2+}, in $Cd_{1-x}Mg_xTe$, e.p.r. study 2—26261
  - Mn^{2+}, in polycryst. sample, e.s.r. spectra calc. 2—36979
  - Mn^{2+}, in ZnS, $^4E(G)$ level, effect of spin-orbit and spin-spin interaction 2—29853
  - Mn^{2+} activator in AgCl monocrystals, concentration effects on luminescent props. 2—4488
  - Mn^{2+} diffusion in semiconducting $BaTiO_3$ ceramic, barrier layer formation 2—13219
  - Mn^{2+} e.p.r. in BaO 2—13533

Manganese continued
- Mn^{2+} e.p.r. in $Cd_xHg_{1-x}Te$ mixed cryst. 2—13537
- Mn^{2+} e.p.r. in CdS, linear elec. field effect 2—22831
- Mn^{2+} e.p.r. in Cs_2SO_4 2—4540
- Mn^{2+} e.p.r. in $LiVO_3$ and $NaVO_3$ 2—10565
- Mn^{2+} e.p.r. in NaCl, stress effects on ground state splitting 2—13542
- Mn^{2+} e.p.r. in SmTe 2—36991
- Mn^{2+} e.p.r. in ZnO and ZnSe 2—22837
- Mn^{2+} e.p.r. in ZnS, axial impurity site obs. 2—26289
- Mn^{2+} e.p.r. in $ZnWO_4$, linewidth temp. depend. 2—10493
- Mn^{2+} e.s.r. in MgTe 2—13541
- Mn^{2+} in AgCl, diffusion and electrolytic migration 2—29213
- Mn^{2+} in apatite, e.p.r., impurity distrib. regularities 2—10498
- Mn^{2+} in $CdGa_2S_4$, e.p.r., spin Hamiltonian 2—10503
- Mn^{2+} in $KMnF_3$, e.s.r./ENDOR, first- and second-shell hyperfine interactions 2—20144
- Mn^{2+} in NaCl, e.p.r., off-centre site obs. 2—10513
- Mn^{2+} in tris-sarcosine calcium chloride, e.p.r. 2—10529
- ^{52}Mn self-diffusion in water solutions 2—32253
- $^{55}Mn^{2+}$, e.p.r. and ENDOR in SrO, hyperfine struct. 2—26287
- Mn^{2+}. e.s.r. in strontium borate compounds and glasses 2—16648
- $NaCl:Mn^{2+}$, neutral Mn centres, e.p.r. and optical absorpt. studies 2—39716
- $SrTiO_3:Mn$, e.p.r., effect of annealing treatment 2—36992
- ZnS:Mn, elec. cond., temp. depend. and impurity effects 2—13243

Manganese compounds
- acetate tetrahydrate, e.p.r. absorpt. and dispersion obs., 16 GHz 2—16647
- caesium manganese oxalate tetrahydrate, cryst. struct., X-ray obs. 2—32482
- caesium manganese oxalate trihydrate, cryst. struct., X-ray obs. 2—32481
- complex, methyltetracarbonyltriphenylphosphine-manganese(I) evidence for cis and trans isomers from X-ray data 2—35991
- duralumin, deformation at 77K, resistivity decrease, effect of ageing 2—19543
- ferrite, coated sphere, anisotropic FMR power absorpt. 2—20128
- Heusler alloys, hyperfine fields at Ni sites 2—40632
- Heusler alloys, hyperfine fields at Sb sites 2—40633
- manganin tubular shunt and magnetic pulse spectropolarimeter for large current pulse meas. 2—27385
- MnO_3 trapped in inert gas matrices, vibrational spectra 2—35768
- Nimalloy, mag. props., effect of Fe and Mo additions 2—13400
- nitrides with different magnetic properties, fine structure of X-ray spectra for emission and absorption of K- series 2—40704
- TMMC, spin dynamics 2—22713
- TMMC, spin waves 2—22697
- Ag-Mn alloy, nondilute, Kondo effect, elec. resist. study 2—19917
- Ag-Mn dil. alloys, optical props., electronic struct. 2—20019
- Ag_5MnAl alloy, remanent magnetiz., coercivity 2—10207
- Al-Mn alloy, sheet, prep. by direct rolling of molten metal 2—29409
- Al-Mn dil. alloys, localized spin fluctuation effects on high temp. resist. 2—32916
- Al-Mn dil. alloys, optical props. and band struct., impurity effects 2—16463
- Al-Mn dil. alloys, supercond. and localized spin fluctuations 2—1494
- Al-Mn dil. alloys, supersaturated, resist. due to localized spin fluctuations 2—16140
- Al-Mn dil. alloys, virtual bound state obs. from A $L_{2,3}$-absorpt. spectra 2—20022
- Al-Mn dilute alloy, impurity resist., temp. depend. 2—40169
- Al-Zn-Mn alloy, clustering and solute-vacancy interactions, elec. resistivity obs. 2—32693
- Au-Mn dil. alloys, high temperature susceptibility in mean-random-field approx. 2—19824
- Au-Mn dil. alloys, optical props., electronic struct. 2—20019
- Au_4Mn alloy, ordered, n.m.r. of ^{197}Au, h.f.s. 2—16656
- BiMn, ferromagnetic, low temp. polarization of Bi isotopes, production of polarized ^{209}Bi target 2—36802
- $Ca_3Mn_2Ge_3O_{12}$, neutron diffr. study 2—19045
- $CaO-MnO-SiO_2$ glass, elec. props., comp. and temp. depend. 2—36579
- Cd-Mn extremely dil. alloy, resist. 0.4-30 K, Kondo model 2—16148
- CdS-MnS coprecipitate, e.p.r. study 2—40762
- $(Co,Mn)F_2$, disordered antiferromagnet, study of mag. excitations by inelastic neutron scattering 2—4405
- Cr-Fe-Mn alloy, antiferromag. b.c.c. phase, Invar property 2—36354
- Cr-Mn, itinerant electron ferromagnet, phase changes, neutron scatt. obs. 2—26029
- Cr-Mn alloys, temp. depend. of mag. hyperfine field at ^{57}Fe 2—40621
- Cr-Mn alloys, vac. u.v. spectra, comparison with sandwich structs. 2—20021
- Cs_2MnBr_4, cryst. struct., X-ray determ. 2—39639
- Cu-Mn-Al, Heusler alloy, precipitation and phase transformations 2—9801
- Cu-Mn, alloys, short range order 2—39640
- Cu-Mn, solid solution, annealing, coherent ordered precipitates 2—3990
- Cu-Mn alloy, nondilute, Kondo effect, elec. resist. study 2—19917
- Cu-Mn alloy, short-range order, MnO_2 contrib. to diffr. pattern 2—19267
- Cu-Mn alloy films, mag. props. 2—10243
- Cu-Mn alloys, atomic and mag. short range ordering 2—1228
- Cu-Mn alloys, solidification, sudden rate changes, initial transient and solute-distrib. profiles 2—28938
- Cu-Mn alloys, solidification, rate effects on comp. at liquid-solid interface 2—28937
- Cu-Mn alloys, solidification, chem. comp., constitutional diag., diffusion constant 2—28936
- Cu-Mn dil. alloys, high-field magnetiz. of interacting mag. moments 2—40467
- Cu-Mn dil. alloys, localized moments, temp. depend. 2—40466
- Cu-Mn dil. alloys, spin-lattice relax. of ^{63}Cu, electon spin relax. obs. 2—16404
- Cu-Mn dilute alloys, nuclear spin-lattice relax. times, obs. and analysis 2—7003
- α-cu-Mn solid soln., struct. ordered., Hall resist., mag. field and temp. depend., annealing effects, 4.2-100K 2—32918
- Cu-Ni-Mn alloy, order-disorder transform. 2—15981
- $CuFe_2O_4-MnFe_2O_4-Mn_2O_3$, struct. and mag. props., effect of annealing 2—1627
- CuMn alloy, thermal expansion coefficient at 283 K 2—16049
- Cu_2MnAl single crystal magnetic anisotropy, 77 to 300 K, obs. 2—40453
- Cu_2MnSn alloy, Mossbauer effect study of hyperfine fields at Sn sites 2—36833

Manganese compounds continued
- Cu_2MnSn single crystal magnetic anisotropy, 77 to 300 K, obs. 2—40453
- Er-Mn-Al alloy, struct. and mag. props. 2—40553
- Fe-Mn-C, system, austenite phase, C activity, Cu effects, Mn effects 2—40006
- Fe-Mn-C alloy, martensite struct. rel. to metallurgical treatment 2—12997
- Fe-Mn-Cr alloy, development for petrol engine exhaust valves 2—3958
- Fe-Mn alloy, α' martensite nucleation, elec. microscope obs. 2—19301
- Fe-Mn alloy, microstruct. rel. to mech. props. 2—32767
- Fe-Mn alloy, shock deformed, recovery, role of point defects 2—9653
- Fe-Mn alloy, shock loaded, twins, electron microscopy 2—9744
- Fe-Mn alloy, stress corrosion cracking mechanism 2—6574
- Fe-Mn alloys, vacuum u.v. spectra, comparison with sandwich structures 2—20021
- Fe-Mn and Fe-Mn-Ni alloys, Invar anomaly 2—13051
- Fe-Mn dilute alloy, hyperfine field at Fe atoms, temp. depend. 2—13449
- Fe-Mn dilute alloy, spin-lattice relax. time 2—19932
- Fe-Mn nodule, high temp. decomposition, Mossbauer effect, quadrupole splitting 2—26131
- Fe-Mn nodules, dredged from Pacific Ocean, Mossbauer effect analysis 2—33424
- Fe-Ni-Cr:Mn, steel, Mn content rel. to B solubility, intermetallic form. 2—22339
- Fe-Ni-Mn alloy, Co-substituted, Invar theory 2—40499
- Fe-Ni-Mn alloy, isothermal martensitic transform., kinetics 2—9804
- Fe-Ni-Mn alloy, martensitic transformation, nucleation model 2—22357
- Fe-Pt-Mn martensitic alloys, age-hardening 2—3941
- $(Fe,Mn)WO_4$, natural crystals, magnetic anisotropy and susceptibility meas. between 10 and 700K 2—6945
- $Fe_{65}(Ni_{1-x}Mn_x)_{35}$, f.c.c. alloy, low temp. sp. ht., rel. to mag. props. 2—33133
- Ge-Mn alloys, liq., Hall coeff. and elec. resist. 2—15608
- In-Mn dil. alloys, supercond. T_c and electronic thermal cond. 2—19582
- Li-Mn mixed ferrite, valency induction effects on mag. props. 2—19905
- $MNCl_22(ONH_3)$ i.r. absorption spectra, vibrational analysis 2—15294
- Mg-Mn dil. alloys, e.p.r., relax. bottleneck, transition to antiferromag. reson. 2—40761
- Mg-Mn ferrite, stripe domains, magneto- optical obs. 2—10310
- Mg-Mn ferrite, White Line obs. at K-absorp. edge of Mn 2—40705
- $Mg_xMn_yFe_{3-x-y}O_{4\|\gamma}$, swelling during sintering 2—36258
- $Mg_wMn_xFe_ySc_zO_4$, lattice consts. and saturation magnetization 2—36751
- $MgMn_2O_4$ spinel, e.p.r. line narrowing rel. to Mn_2O_3 2—30012
- Mn-Al, alloy, dilute, quenched, solute dispersion, X-ray diffr. obs. 2—25587
- Mn-Al, phase transform., phase diagram, transform. equilib., homogeneity range 2—4013
- Mn-Al vacuum codeposited film, disordered struct. 2—18940
- Mn-Co-Al alloy, saturation magnetisation, Mn content effects 2—40465
- Mn-Co-Si system, cryst. struct. of $Mn_{45}Co_{40}Si_{15}$ phase 2—39646
- Mn-Cr(Fe)(Ru)(V) dil. alloys, complex mag. interactions, resist. obs. 2—40561
- Mn-Cu-Co, Elinvar type, temp. depend. of elastic consts. and hardness 2—32581
- Mn-Cu-Cr, alloy, nonmag., Elinvar-type, heat treated, cold worked, Youngs modulus, rigidity, thermal expansion, hardness, 123-673K 2—19160
- Mn-Cu-Fe, alloy, elinvar-type, nonmag., Youngs modulus, rigidity modulus, thermal expansion, hardness 2—29233
- Mn-Cu-Ni, alloy, nonmag., Elinvar-type, heat treated, cold worked, Youngs modulus, rigidity, thermal expansion, hardness 2—19161
- Mn-Cu, alloy, liquidus and solidus curves, electron probe microanalysis, point counting obs. 2—3433
- Mn-Cu alloy, e.p.r., cond. electron loss effects 2—22832
- Mn-Cu alloy, Elinvar-type, thermal expansion and elastic moduli 2—13053
- Mn-Cu alloys, Elinvar prop. 2—29438
- $Mn-Cu_9Al_4$, powder, ternary mixed compact, sintering behavior, expansion, Kirkendall diffusion 2—19279
- $Mn-Cu_2NiSn$ alloy, Heusler type, s-d exchange energy 2—22674
- Mn-Fe-Cr, alloy, phase diagram calc., electron probe microanalysis, 750-950°C 2—6645
- Mn-Fe-Ni alloy, isothermally treated, martensitic transform. characts. 2—32765
- Mn-Fe, alloy, cold rolled, annealed, mag. props., residual induction, coercive force, squareness ratio 2—19876
- Mn-Fe, alloy, hydrostatic extrusion rel. to phase diagram, constitution and props. 2—19312
- Mn-Fe alloy, b.c.c.→(h.c.p., f.c.c.) transform., influence of shock and hydrostatic press. 2—32769
- Mn-Ir-Al alloy, cryst. struct., mag. props. 2—22160
- Mn-Ir-Sb(Ga) systems, struct. and mag. props. of $Ir_{0.92}Mn_{1.16}Sb_{0.92}$ and Ir_2MnGa 2—33134
- Mn-Ir-Sn alloy, cryst. struct., mag. props. 2—22160
- Mn-Ni alloy, light cond., interband transitions 2—26171
- Mn-Ni alloy, nonmag., Elinvar, heat treated, cold worked, Youngs modulus, thermal expansion, rigidity, hardness, 123-673K 2—19162
- Mn-P-C alloy, amorphous, atomic and radial distrib. functions 2—15933
- Mn-Pd-Te, cryst. struct. and mag. props. 2—33134
- Mn-Rh-Sb alloy, cryst. struct., mag. props. 2—22160
- Mn-Zn ferrite, recording head, grain size effects on noise 2—10224
- $(Mn,Mg)WO_4$, susceptibility, neutron diffr. 2—33103
- Mn, complex, $Mn(CO)_3C_5H_5$, in nematic solvent, n.m.r. spectra, geometry of C_5H_5 ring 2—8666
- Mn (II) complex, $MnX_4(C_5H_5NH)_2$, cryst. struct. and vibr. spectra 2—25338
- Mn complex, $(CH_3CH_2CH_2NH_3)_2MnCl_4$, crystal structure 2—22157
- Mn complex, $(CH_3)_4NMnCl_3$, e.p.r. freq., short range order effects 2—20148
- Mn complex, $Mn_2Fe(CO)_{14}$, atomic, bond and molecular polarizabilities 2—18442
- Mn complex, Mn(III) porphyrins, far red MCD spectra 2—8667
- Mn complex π-methylcyclopentadienyl manganese tricarbonyl, structure determ. from p.m.r. studies in nematic phase 2—21622
- Mn complexes, tetrahalomanganate (II), low-temperature single crystal absorption, emission and magnetic studies 2—40674
- Mn ferrite, multiple n.m.r. spin echoes for ^{55}Mn 2—4557
- MnAl-B alloys, composition dependence of coercive force 2—29795
- Mn_3AlC, n.m.r., hyperfine field determ. 2—20161
- $MnAl_2S_4$, phase transformation, structure, pressure to 95 kb, temp. to 1000°C 2—3998
- MnAs, crystal growth, horiz. zone melting method 2—19005

Manganese compounds continued
$MnAs_{0.97}P_{0.03}$, formation of ferromagnetic phase 2—4377
$MnAs_xSb_{1-x}$ solid solns., press. depend. of ferromag. transition 2—19880
MnB_2, ultra soft X-ray spectra 2—29943
Mn_3B_4, antiferromagnet, neutron diffr. determ. of mag. struct. 2—22709
Mn_3B_4, mag. transition phenomena 2—1643
MnBi, film, phase transitions and lattice constants 2—4391
MnBi, prep. and thermomag. props. 2—40484
MnBi, preparation by solid diffusion, total excess sp. ht. for mag. transition at 640K 2—6962
MnBi films, domain configuration of magnetic holograms 2—7946
MnBi films, potential storage media in holographic optical memories 2—21120
MnBi homogeneous films, thermomagnetic writing 2—1636
$MnBr_2$, layer-type crystal, ionic, 2-10 eV spectra, excitonic processes 2—20005
$MnBr_2.4H_2O$, cryst. struct. and mag. struct. 2—3717
Mn_7C_3, standard free energy of formation, e.m.f. measurements 2—3947
$MnCO_3$, antiferromag., n.m.r. spin echo of ^{55}Mn, spin-spin relaxation 2—16403
$MnCO_3$, critical behaviour, Neel pt. 2—10249
$MnCO_3$, spin-wave excitations, dispersion curves, neutron inelastic scattering study 2—36760
$Mn_xCd_{1-x}Fe_2O_4$, struct. and mag. props., comp. depend. 2—1639
$MnCl_2$, $2MgCl_2$, $12H_2O$, absorption spectrum in near u.v., Zeeman splitting of 12 sharp lines 2—20044
$MnCl_2$, layer-type crystal, u.v. and soft X-ray absorpt. spectra 2—20033
$MnCl_2$ solution, decay of coherent spin precession of polarized positive muons 2—18851
$MnCl_2.4H_2O$, e.p.r. absorpt. and dispersion obs., 16 GHz 2—16647
$MnCl_2.4H_2O$ in DMF and DMA solutions, ESR, dielectric and optical absorption 2—39391
$MnCl_3.4H_2O$, mag. susceptibility maximum, low field depend. 2—36773
$Mn_{1-x}Cr_xAu_2$, helical to ferromag. transition 2—33135
$Mn_{1-x}Cr_x(Fe_x)Si_{1.7}$ solid solns., thermopower cond., electron and hole densities 2—10024
$MnCr_2O_4$, mag. phase transition, mag. resonance obs. 2—4529
$MnCr_2O_4$, n.m.r. of ^{55}Mn, cone angle obs. 2—20163
$MnCsCl_3.2H_2O$, e.p.r. freq., short range order effects 2—20148
$MnF_2:Co^{2+}$, antiferro- and paramag. phases, Raman scatt. by localized modes 2—16530
$MnF_2:Fe^{2+}$, exchange fields, press. depend. localized mag. mode 2—40555
MnF_2:Ni,Fe, antiferromag., impurity mode energy calc. 2—16562
$MnF_2:Ni^{2+}$, absorpt. transition temp. depend. rel. to mag. ordering effects 2—33267
$MnF_2:Zn^{2+}$, far i.r. and Raman spectra in two-magnon region 2—7080
MnF_2, anisotropic antiferromag., critical damping of uniform mode 2—26068
MnF_2, antiferromag., magnon pairs at spin flop transition 2—16537
MnF_2, antiferromag., spin-phonon interactions, elastic wave phase vel. detn. 2—22819
MnF_2, antiferromag., spin wave relaxation theory 2—36772
MnF_2, antiferromagnet, two-spin fluctuation light scattering, analysis based on frequency moments 2—33280
MnF_2, e.p.r. linewidth behaviour, dipolar interaction and mag. lattice symmetry interplay 2—10510
MnF_2, elastic consts. 2—12821
MnF_2, mag. Raman scatt. 2—36906
MnF_2, magnon-photon coupling 2—22747
MnF_2, magnon sp. ht. and thermal cond., 0.4 to 4K 2—40073
MnF_2, n.m.r. of ^{19}F, lineshape analysis 2—10534
MnF_2, pressure induced polymorphism 2—15732
MnF_2, sound velocity and elastic consts., Mandelstam-Brillouin scatt. obs. 2—16580
$Mn_{1-x}Fe_xBe_2$ system, paramag. props. 2—19831
$Mn_{5-x}Fe_xGe_3$, (x=0.5, 1.0 and 1.5), effects of Fe substitution in $Mn_5Ge_3D8_8$ struct. 2—19867
$MnFe_2O_4$, magnon dispersion relations, neutron diffr. obs. 2—36748
$MnFe_2O_4$, $MnCoFe_2O_4$, $MnFe_2O_4+0.16(Mn_3O_4)$, spin echo of ^{55}Mn nuclei in local fields 2—4532
$MnFe_2O_4$, Mossbauer effect, ion distrib., spin struct. 2—40617
$MnFe_2O_4$, spinel, relaxation of electrical conductivity 2—19533
$Mn_{0.82}Fe_{2.18}O_4$, acoustic losses due to disaccommodation mag. relax. effects 2—29538
$Mn_xFe_{3-x}O_4$, ferrite, ferromag. resonance, size effects 2—4533
$Mn_xFe_{3-x}O_4$, magnetic crystal anisotropy down to liq. He temps., meas. by torque method 2—4397
$Mn_xFe_{3-x}O_4$, magnetostriction consts. 2—1640
$Mn_xFe_{3-x}O_4$, octahedrally coordinated Mn^{3+} ion, contrib. to magnetic torque 2—4398
$Mn_xFe_{3-x}O_4$ ferrites, ferromagnetic resonance linewidth broadening, independent cluster model 2—20127
$Mn_xFe_{3-x}O_4$ film, ferrite, prep. by reactive evap. and structure 2—19906
$Mn_xFe_{3-x}O_4$ film, ferrite, magnetic, optical and elec. props. 2—19907
$Mn_xFe_{3-x}O_4$ spinel, low temp. ferrimag. reson. 2—10470
$Mn_xFe_{(3-x)}O_4$ magnetocrystalline and heat induced anisotropy 2—1616
$Mn_{5-x}Fe_xSi_3$, crystal chemistry and bonding, mag. moment, Mossbauer effect obs. 2—25245
Mn_3GaC, n.m.r., hyperfine field determ. 2—20161
$MnGa_2S_4$, phase transformation, structure, pressure to 95 kb, temp. to 1000°C 2—3998
Mn_2GeO_4, polymorphs, high-pressure, cryst. structs., X-ray obs. 2—25337
$Mn_2Ge_ySb_{1-y}$, mag. anisotropy, temp. and comp. depend., 77-500K 2—6970
$MnIn_2S_4$, $MnIn_2S_{4-x}Se_x$, prep., elec. resist., paramag., antiferromag. interactions 2—29800
$MnIr_2Al$ alloy, cryst. struct., mag. props. 2—22160
Mn_4N_x, n.m.r. of ^{55}Mn, mag. ordering 2—10557
$Mn_xNb(Ta)S_2$ magnetic and crystal structures 2—3722
$MnNi_2$-$MnCu_2$, phase cpd., cryst. struct. of Friauf-Laves phase 2—35990
$MnNi_3$, annealed, ordering during loading, elec. resist., yield point, elastic deform. 2—15971
Mn_3NiN, magnetic structure and spin rotation 2—1644
MnO-FeO-ZrO_2-SiO_2 phase equilibria, liquidus temp. region, quenching technique 2—13012
MnO, antiferromag. domain struct., dislocations, ordering, struct. 2—10250
MnO, electronic struct. 2—13092
MnO, electronic struct. 2—13093
p-MnO, free and bound charge carriers 2—10028
MnO, Hall mobility of electrons, high temp. ionized impurity influence 2—10025
MnO, hole drift mobility at high temp. 2—13226
MnO, Mossbauer spectra of ^{119}Sn, Neel pt. phenomena, Zeeman splitting 2—13450
MnO, paramag., neutron scatt., modified convolution approx. model applied 2—33112
MnO, positron lifetime correlations 2—4150
MnO, refractory, cryst. growth by floating zone method 2—29098
MnO, single cryst., nonstoich. disorder 2—1519
MnO, spin wave spectrum, 4.2 K 2—36775
MnO, valence band structure, X-ray photoemission spectroscopy 2—36639
MnO films, epitaxial growth by impurity diffusion in Mn doped NaCl crystals 2—3536
MnO films, epitaxial growth by impurity diffusion in Mn doped NaCl crystals 2—3536
MnO in MgO, e.p.r. line shape evolution 2—1728
MnO_2, Hertzian Cotton-Mouton-VOigt effect 2—26283
MnO_2 epitaxial growth on Cu-Mn alloy 2—19267
MnO_4- ion, dissociation energy estimated in Resonance Raman effect in $KMnO_4$ 2—12565
MnO_4 ions, vibr. spectra, r.m.s. amplitude 2—3064
MnO_4^-, two-electron integral evaluation by orbital-product expansion method 2—3050
$Mn(OH)_2$, hydrothermal prep., low temp. mag. props. 2—36776
x $Mn_3O_4+(1-x)Cu(Fe,Cr)_2O_4$, cation distrib. rel. to lattice distortion, X-ray and neutron scatt. obs. 2—22720
MnP, helical, magnetiz. process, neutron diffr. obs. 2—40497
Mn_2PO_4Cl, cryst. growth, struct., and optical props. 2—22111
$MnPd_2$, mag. and cryst. struct., neutron diffr. obs. 2—16398
$MnPt_3$, ferromag., spin-wave dispersion, phonons, neutron scatt. obs. 2—22676
$MnPt_3$ alloy, antiferromag. coupling of nearest-neighbour Mn atoms 2—19925
Mn_3Pt alloys, local antiferromag. ordering 2—36774
$MnRh_2Al$ alloy, cryst. struct., mag. props. 2—22160
MnRhSi, cryst. chemistry 2—9349
MnRhSi, struct. relns. with other transition metal silicides 2—18969
MnS, antiferromag., spin wave dispersion, effect of magnon-magnon interact., and magnon sidebands 2—33176
$MnSO_4.H_2O$, e.p.r. absorpt. and dispersion obs., 16 GHz 2—16647
$MnSO_4(.H_2O)$, mag. transitions, sp. ht. meas. 2—22710
MnSb, Curie temp. press. depend. 2—40483
Mn_3Sb, long-period antiferromag. to weak ferromag. transform. 2—40560
MnSe-MnTe solid soln., mag. susceptibility, 80-340K 2—40485
MnSe, exchange interactions, calc. 2—36777
MnSi, Si L-emission spectra 2—20086
MnSi, thermal expansion, 100-1000K 2—32847
$MnSi_{1.73}$, heat capacity, temp. range 50-500K 2—40074
$MnSi_{1.75-x}$, defect cpd., electron diffr. study 2—22189
$MnSi_{2-x}$, x=0.25-0.28, cond. mechanism, thermoelec. power calc. 2—40261
$MnSiF_6.BH_2O$, spin-lattice relaxation, direct process for Mn^{2+} in strong magnetic fields 2—10271
$MnSiF_6.6H_2O$, cryst. struct., X-ray diffr. obs. 2—35981
$MnSiF_6.6H_2O$, internal motions, n.m.r. obs., 90-400K 2—40780
$Mn_2SiF_6.6H_2O$, low temp. phase transform. 2—25624
$MnSiO_3$, transform., high-pressure, polymorphs, 1053-1673K 2—25634
$Mn_{1\|x}Sn$, polycryst. anisotropy consts., ferromag. reson., 120-273 K 2—10469
MnTe, nuclear acoustic resonance of ^{55}Mn, mag. field depend. 2—20162
MnTe, u.s. attenuation and ^{55}Mn n.a.r., spin flop fields 2—1426
$MnZnFe_2O_4$, mag. props. rel. to Fe_2O_3 and calcined spinel particle size 2—33157
Mo-Mn-C system, phase equilib., X-ray study 2—13013
Ni-Co-Mn-Cu ferrite, piezomag., impedance 2—29827
Ni-Mn-Fe system, mag. anisotropy, magnetostriction, permeability 2—40455
Ni-Mn, ferromag., conc. depend. of av. mag. moment, Ising model calc. 2—16351
Ni-Mn alloy, magnetic anisotropy, magnetostriction 2—40454
Ni-Mn alloy, order-disorder transform. 2—15981
Ni-(20.5wt.%)Mn alloy, mag. permeability, elec. props., homogenizing treatment effect13399 2—13399
Ni-22.7-38 at.%Mn alloy, phase transform., neutron diffr. and X-ray scatt. obs., 673-908 K 2—25635
$Ni_3(Fe,Mn)$ alloys, antiphase domains 2—6446
NiMn antiferromagnetic alloy, electronic structure 2—33123
Ni_3Mn alloy, electron irrad. induced disorder 2—22373
Ni_2MnSn alloy, Mossbauer effect study of hyperfine fields at Sn sites 2—36833
Pd-Mn dil. alloys, acoustic-spin-wave stiffnesses and ordering temps. 2—10191
Pd-Mn dilute alloys, meas. of specific heat, critical behaviour and magnetic field dependence 2—13046
Pd-Mn dilute alloys, meas. of specific heat, critical behaviour and magnetic field dependence 2—13046
Pd_2MnSb Heusler alloy, giant hyperfine field at ^{121}Sb 2—33227
Pd_2MnSn alloy, Mossbauer effect study of hyperfine fields at Sn sites 2—36833
Rh-Mn dil. alloys, J_{sd} values from n.m.r. linewidth obs. 2—10563
Rh-Mn dil. alloys, mag. susceptibility and low temp. sp. ht. 2—19827
Tb-Mn-Al alloy, struct. and mag. props. 2—40553
Ti-Mn alloy, continuous cooling transform., rel. to ω phase precipitation 2—29481
β-Ti-Mn alloy, isothermal phase transform. 2—12979
V_2Ga_5-Mn_2Ga_3 system, cryst. struct., X-ray diffr. obs. 2—39655
W-Mn-C system, phase equilib., X-ray study 2—13013
Zn-Mn-Al alloy, solid and liq., Curie-Weiss law behaviour 2—19887
Zn-Mn alloy, solid and liq., Curie-Weiss law behaviour 2—19887
Zn-Mn extremely dil. alloy, resist. 0.4-30 K, Kondo model 2—16148
ZnMn dilute alloy, thermal expansion in rel. to Kondo effect 2—16063
$Zn_{0.87}Mn_{0.13}Fe_2O_4$, mag. struct., neutron diffr. obs. 2—36784

Manometers
see also Vacuum gauges
centrifugal, for meas. pressure differentials in rotating reference frame using stroboscope 2—37566
differential, strain-gauge 2—23230

Manometers continued
differential Hg, with acoustic reading device, construction 2—17176
differential micromanometer, design and operation 2—33868
gas friction manometer, spinning rotor press. gauge 2—41393
glass vessel with flat membrane 2—17177
group, for absolute pressure meas. 2—37565
ionization manometer combined with mass spectrometer, patent 2—8419
liquid multipulse micromanometer 2—33867
measurement accuracy, standards 2—41399
piston manometer, absolute standard for vacuum gauge calibration 2—41400
quartz fibre, bakeable to 520°C, for 10^{-1} to 10^{-6} torr 2—20785
spring differential manometers, dynamic characteristics 2—20808
standard air type, for obs. in low velocity water flow 2—20807
ultravacuum micromanometer using photomultiplier 2—30734

Many-body problems
assembly of interacting electrons, ground state energy, Pade approximants method 2—20872
atoms, energies and transition probabilities 2—21499
Bose system, variational calc. of ground state 2—37655
boson method not violating Pauli principle, application to 3 quasiparticle system 2—18060
capture in the restricted three body problem 2—41037
celestial mechanics, book 2—33593
classical moment problem, thermal average cult. 2—2174
collisionless self-gravitating constant density system, stability 2—41046
conservative differential equations, topological study, celestial mechanics 2—20477
critical phenomena with infinite-range interactions, model Hamiltonian 2—17263
dielectric bodies, macroscopic, microscopic theory of retarded Van der Waals forces 2—100
Dirac eqn., non relativistic limit, generalisation 2—5145
Earth-Moon-artificial satellite, for gravitational absorption obs. 2—1780
elliptc restricted problem three bodies, characteristic exponents 2—20454
elliptic restricted three body problem, true anomaly as independent variable 2—20478
fast neutron studies, review 2—491
fermion systems, internal coordinates 2—33955
formalism to solve coupled equations for three- or few-particle problem 2—14907
four-fermion model with indefinite metric, fine structure constant 2—37657
generalized problem, finite number of material points 2—33591
generalized restricted three body problem, one body exerts no influence on others 2—17278
gravitational n-body problem, collisionless systems, numerical experiments 2—41048
gravitational N-body problem, IAU colloquium, Cambridge (1970) 2—41042
gravitational n-body problem, numerical integration, close approaches 2—41051
gravitational n-body problem, numerical integration methods 2—41044
gravitational N-body problem, treatment of close approaches in numerical integration 2—17287
gravitational N-body systems, fourth-order polynomial method for direct integration 2—41050
Green's function technique and standard-basis operator method 2—19483
hard sphere mixtures, conformal solution theory 2—904
hard spheres, random close packing, computer based method 2—20878
hard-core, exact noncluster approach to point transforms 2—2175
heavy particle motion in an infinite one dimensional gas of hard spheres 2—7721
high temperature system containing excited particles, statistical theory, abundance by S-matrix formalism 2—31179
hyperspherical functions of tree type 2—14136
identical nonrelativistic particles, Gaussian wave functions 2—33952
identical particle systems, lower bounds of energy eigenvalues 2—11305
inhomogeneous systems in stationary external field, extension of concept of subdynamics 2—37651
isolated paramagnetic spin system, nonlinear response 2—20871
low angle scattering curve, proportion of particles with specific radius of gyration 2—27094
many atom representation describing bound atoms or molecules by Bose or Fermi operators 2—2121
mass correction for Jupiter from the motions of the three asteroids 2—11006
matter in interaction with classical relativistic scalar field, nuclear repulsive core effect 2—33953
molecular fluids, point-dipole and -quadrupole, collective motions, method of redundant variables 2—27096
N point masses in non-flat central configurations, Wintner's conjecture 2—30415
N-bodies, direct integration methods, and close encounters and binary orbits 2—17286
N-bodies, numerical integration methods for gravitational problem 2—7709
N-bodies, use of integrals in numerical integrations 2—14151
N-body, gravitational, numerical exprts. 2—14153
N-body, numerical methods of integration and exprts. 2—14149
N-body problem, numerical experiments 2—41043
n-body problem, numerical integration, use of integrals 2—41045
N-body problem, recurrent power series solution 2—1942
N-particle system, permutation symmetry, energy lower bound method 2—37650
N-particle systems, necessary and sufficient conditions for rapid decay of correlations 2—99
non-additive interactions discussed with respect to electrodynamics, nuclear structure theory, theory of intermolecular forces 2—98
nonideal reacting gases, equilibrium thermodynamics 2—18751
nuclear, correlation function between impurity particle and nucleon in nuclear matter 2—5634
nuclear three-body problem, K-matrix theory 2—38428
one body reduced density matrix of rank 6, conditions for derivation from 3-body fermion wavefunction 2—11304
one-dimensional three-body problem, solution in classical mechanics 2—17277
orbits of first four asteroids, effect of planetary masses 2—11013
outer planets, limitations on mass determinations from mutual perturbations 2—30546

Many-body problems continued
outer satellites of Jupiter, three-body elliptical problem, capture at perihelion or aphelion 2—23115
phase space mass distributions, approx. computation method 2—17264
phase transitions due to softness of the potential core 2—33954
planetary satellites, capture in the three-body elliptical problem 2—33590
quantum, in one dimension, exact results 2—27097
quantum mechanical, continuity equations 2—14112
quantum mechanics, N-particle noninteracting Green function 2—33921
regularisation technique 2—14150
relativistic two-body problem, quantum mechanics solution 2—33890
relativistic two-body problems, classical mechanics solutions 2—33889
restricted circular and elliptical problems of three bodies, capture of comets by Jupiter and other planets 2—7713
restricted three-body problem, differential equations, numerical integration in series 2—37652
satellite problem of three bodies, perturbations calc. method 2—30414
scattering, corrections to impulse approximation derived, application to liquid He 2—25125
self-gravitating system, one dimensional, consisting of N uniform mass sheets 2—41047
self-gravitating system of N-uniform mass sheets, statistical mechanics 2—14152
selfgravitating gas, dynamical approach in 1 dimens. 2—39272
statistical weights of many- particle systems in unitary spin space determ. using SU(3) symmetry model 2—14534
stellar systems, pair correlations and thermodynamics, n-body calc. 2—41133
structure factor calc. from interparticle potential 2—7712
three, generalized, symmetric satellite under gravitation of two symmetric bodies 2—37248
three bodies, rectilinear problem, integrable case 2—37247
three body, application of method of Pade approximants, determ. binding energy 2—2122
three body, complete set of angular functions of definite perturbational symmetry 2—101
three body bound state, high energy phase shift behaviour 2—17236
three body problem, surface of zero relative velocity in presence of magnetic dipole, application to charged micrometers 2—26866
three identical particles interacting via three mutual morse potentials, ground state binding energy 2—11306
three particles in quantum mechanics, and numerical calcs. in continuous spectrum 2—27093
three-body, quantum mechanical approach 2—77
three-body atomic systems, determ. energy and angular dependences of differential elastic scattering cross section 2—28219
three-body atomic systems, electron transfer rearrangement collisions, determ. differential amd total cross section 2—28218
three-body collisions, separable expansions and perturbation theory 2—24195
three-body kinetic equations, relation between collision kernel and scattering theory 2—102
three-body motions in a plane, classification scheme 2—1943
three-body problem, escape conditions for one member 2—1935
three-body problem, exterior-interior separation 2—37620
three-body problem, restricted, attitude stability of a symmetrical satellite 2—1939
three-body problem, restricted, for periodic, consecutive-collision orbits 2—1934
three-body problem, restricted, Hamiltonian orbits near L_4, near Routh critical mass ratio 2—1941
three-body problem, restricted, practical stability of triangular points 2—1933
three-body problem, restricted, stability of and motion about L_4 with commensurability 2—1938
three-body problem in eikonal approximation, Watson multiple-scattering series 2—30761
three-body scattering, eikonal formulation 2—81
triple stellar systems, velocity effects and disintegration times 2—33680
two, problem with slowly decreasing mass 2—27124
two, simplified analytical solution 2—5164
two and three, generalizations 2—7711
two-body problem in theory of gravitation without potential 2—27039
unidimensional, N, and rectilinear motion of gases 2—2172
Universe mechanics, macro-objects, fundamental elements 2—30404
virial coefficients, fifth, selfconsistent PY2 and CHNC2 approximation 2—27095
wave functions, with correlations, systematic theory 2—2141
Ar, high density fluid, Superposition Assumption and the triplet correlation function 2—35718

Many-particle systems *see Statistical mechanics/quantum*

Markov processes *see Statistical analysis*

Mars
American and Soviet space research studies, review 2—17028
atmosphere, CO in CO_2 atmosphere, strength of rotational lines in R branch, det. at 298, 202 and 132 K, and of self and CO_2 broadening 2—31788
atmosphere, data obtained by Mariner 4, 6 and 7, review 2—30566
atmosphere, effects of large scale temp. advection, model 2—26843
atmosphere, proposed detection and mapping of water vapour during Viking Mission 2—30564
atmosphere, study of evolution 2—41194
atmospheric circulation problems 2—4990
biology, long winter model 2—30562
bow wave, trajectory of Mariner 4 2—30576
chemical composition and origin 2—20640
clouds, mapping from 1969 photographs 2—4976
crater obliteration theory 2—26847
crater shape, genetic implications 2—26822
craters, central peaked, distribution in south polar rel. to equatorial regions 2—10993
craters, explanation by asteroidal impact 2—26846
craters and scarp, radar obs. 2—33744
Deimos, orbital motions, secular and periodic variations 2—20681
Deimos, polarization measurements in blue light, geometrical albedo 2—33737
elastic properties of interior 2—41219
ephemeris from optical and radar data for Mariner 9 2—33738
exosphere, H Lyman-α u.v. spectra, photodissociation of water vapour 2—13997

Mars continued
exospheric temperature variations rel. to solar cycle 2—7520
exploration after Viking 2—4974
figure, American Astronomical Society, Amherst, USA 1971, conference 2—26623
figure, Mariner radio occultation meas. and mean density 2—26841
gravity field and pole direction. Mariner 9 experiment 2—37363
Hellas, aeolian transport, explanation of surface roughness 2—13995
Hellas area, water reservoirs as explanations of white spots 2—7530
history and development of its atmosphere, organic synthesis 2—7532
internal constitution, hypotheses to explain low density in light of new Mariner experiments and planetary radar 2—4975
ionosphere, F_2 region, electron collision freq. 2—17037
ionosphere rate constants for CO_2^++H and CO_2+H^+, measurements in flowing afterglow system 2—17038
i.r. radiometry, Mariner 9 experiment 2—37360
i.r. spectroscopy. Mariner 9 experiments 2—37359
life, detection by mass spectrometer remote experiments 2—30577
Mariner 1969 orbit det. using overlapping TV pictures 2—26845
Mariner 9 observations, evidence of activity 2—37357
Mariner 9 science experiments, resume 2—37365
Mariner 9 television reconnaissance of Mars and satellites 2—37358
Mariner spacecraft, features and purposes of Mariner 9 project 2—30388
mass, from anal. of optical, radar and radio tracking data 2—13994
microwave continuum brightness temperature 2—30556
moons, orbits, by optical sighting from spacecraft 2—16943
motion, Kepler's laws derivation 2—37353
occultation experiment, Mariner 9 S-band, atmosphere and topography 2—37362
orbiting space vehicles 2—1994
phobos, orbital motions, secular and periodic variations 2—20681
polar cap. southern, seasonal changes 2—20682
polar cap surface, photometric function and roughness 2—26844
position, meridian obs. for 1963-67 2—1989
present state of research, outline of future projects 2—7529
radio obs. at 8.57 mm and brightness temp. 2—4973
research review. cosmic and terrestrial obs. 2—26842
south polar cap, identification of carbon dioxide frost 2—14001
surface, analysis of Mariner 9 pictures 2—41195
surface, distribution function of normal albedo characteristics in red light 2—30557
surface, radar observations 2—37366
surface, size frequency distribution of craters and relative age of light and dark terrains 2—41196
surface and atmosphere, proposed expt. for mass spectrometric anal. of organic constituents and water content, Viking Mission 2—30568
surface and atmospheric features, two-dimensional digital vidicon photometry 2—30560
surface features from Mariner photographs by analogy with aerial photography on earth 2—7528
surface materials and infrared absorptions from Mariner 7 recordings 2—30561
surface obs. 2—30558
surface organic chemistry exploration, mass spectrometers for 1976 probe 2—41191
surface thermal emission, i.r. mapping, proposed for Viking Mission 2—30565
surface topography by spectroscopic determination of CO_2 distribution 2—7527
telescopic obs. in 1971 2—23116
telescopic obs. with 61 inch reflector 2—7533
topographic map radar obs. 2—33743
topography, radar obs. 2—30559
topography by radar (1971) 2—33745
two-dimensional photometric image using a Si-target vidicon photometer 2—41268
upper atmosphere, atomic carbon by photodissociation of CO and CO_2 2—11004
u.v. photometry from the Orbiting Astronomical Observatory 2—20675
u.v. region studies, upper atmosphere examination by near fly by 2—11009
u.v. spectrometry, Mariner 9 experiment 2—37361
Viking Lander imaging system for surface and atmospheric obs. 2—30567
Viking Mission, expts. to be carried out on entry into Martian atmos. 2—30566
Viking Mission, proposed biological experiments and equipment 2—33741
Viking Mission, proposed C-assimilation expts. 2—30569
Viking Mission, proposed expt., detection of metabolically produced labeled gas as evidence for life 2—30570
Viking Mission, proposed expt. on magnetic properties 2—30575
Viking Mission, proposed expts. on surface materials 2—33742
Viking Mission, proposed gas exchange expt. for life detection 2—30571
Viking Mission, proposed light scattering expt. for detection of microbial growth 2—30572
Viking Mission, proposed meteorological expts. 2—30573
Viking Mission, proposed seismic expt. 2—30574
Viking Mission, radar and radio systems, proposed data anal. 2—33740
Viking Missions, proposed search for life 2—30563
Viking Orbiter Mission, proposed imaging expt. 2—33739
wind regimes, effect of past and future observations, topographic maps 2—7531
CO_2 absorption spectra, dust storm measurement 2—37364
H_2O lines in the 8200 Å region and their application to high dispersion spectra 2—7525
N_2 concentration, low level explained by nonthermal escape mechanism 2—26840
O_2 search using high dispersion spectroscopy 2—7526

Masers
see also Stimulated emission
ammonia, as oscillator for autodyne spectrometer 2—11404
astronomical OH masering and water vapour laser pumping 2—30526
astronomical sources, review 2—30401
beam, multiple population inversion 2—5341
beam spectrometer used to study Λ doublet transitions in OH 2—12187
cascaded cavity molec. beam. detuning phenomena, quantum mechanical analysis 2—2378
electron cyclotron maser, application of classical laser theory 2—23567
electron microwave interactions rel. to wave amplification and maser action 2—27414
frequency standards, status and development prospects 2—37561

Masers continued
ground state transition frequency of OH, measurement by beam maser 2—21640
interstellar, OH and H_2O, emission profiles, shapes and polarization 2—7460
optically pumped, possibility of using ruby crystals, sub millimetre range 2—27452
paramagnetic 3-resonator amplifier with 30 cm output 2—34373
preamplifier in i.r. receiver 2—38027
quantum-theoretical principles, derivation from Einstein's basic radiation laws, action in paramagnetic crystals 2—37942
ruby, theoretical and experimental conditions for achieving push-pull working point condition 2—11452
ruby, t.w., nonreciprocal element for low-field version 2—27451
saturated, line interactions 2—5343
spectrometer, molecular maser beam, used to investigate deuteron quadrupole coupling strengths 2—8647
superconducting, critical re-examination rel. to threshold and crit. currents 2—21043
traveling-wave, with broadened passband for 5 cm range of wavelengths 2—27450
wall shift determ., Teflon coated storage bulbs, hydrogen maser 2—5342
Cs vapour, population inversion between hyperfine sublevels 2—254
D, atomic, construction and theory, study of ground state hyperfine separation in D 2—21044
H, experimental models at NPL 2—14397
H frequency shift of hyperfine transitions by coherent perturbations 2—31710
H maser as frequency standard 2—571
OH, H_2O emission and radiative transport in envelope of infrared star 2—30447
^{85}Rb, frequency standard, pumping light and buffer gas frequency shifts 2—27449
^{87}Rb, calc. on power output taking account of variations in optical pumping rate and density matrix elements 2—2377
TiO_2:Cr travelling-wave, decimeter-band 2—23561

optical *see Lasers; Optical pumping*

Mass differences
atomic, in $59 \leqslant Z \leqslant 69$ region 2—24306
electromagnetic, effects of daughters 2—17807
hadrons, quark-parton model for e.m. mass differences 2—11581
mesons, pseudoscalar, electromagdifferences, study using inclusion of electromag. into perturbation theoretic approach to PCAC 2—14525
neutron-proton, finite difference in structure functions, scale invariance 2—17959
SU(3) in hadron and photoproduction reactions 2—34635
K^+-K^0, estimates using broken chiral symmetry 2—34659
κ^+-κ^0, estimates using broken chiral symmetry 2—34659
np, calc. taking into account i.r. divergent contributions to mass shift 2—5142
p-n, computation in Sudarshan theory of universal primary interactions 2—17960
p-n e.m. mass difference and inelastic electron scattering 2—38312
p and n calc. from sidewise dispersion formula 2—17971
π^+-π^0, computation using gravity-modified hadron electrodynamics 2—5532
π electromagnetic mass difference, chiral dynamical calc. 2—14645

Mass formulae
baryon mass spectra, main series, semi-theoretical formula 2—23878
baryon mass spectra, supplementary series, semi theoretical formula 2—23879
baryons, central and isospin multiplet masses in octets and decuplets 2—34705
boson nonets, from asymptotic SU(3) symmetry 2—363
critical flow of liquid-gas mixtures 2—919
elementary particles, rel. to cosmic ray interactions 2—23775
hadrons, based on SL(3,C) 2—14586
pseuodscalar meson, from nonlinear realizations of broken SU(3)×SU(3) 2—21280
three-body interference, mass matrix formula 2—21219

Mass spectra
see also Chemical analysis/by mass spectrometry
acetanilides, disubstituted, ortho-effects in mass spectra, removal of excitation probability for low lying energy states of ion 2—38954
n-butane free jets relaxation study from mass spectra temp. dependence 2—24518
dimethyl trichalcogenocarbonate, Se-containing, comparison with mass distributions of S and Se combinations 2—21678
energy deposition functions from electron impact estimated from photoelectron spectra and photoionization cross sections 2—8418
fission neutrons emitted from individual fragments of spontaneous fission of ^{252}Cf 2—8375
fumarofine, molecular structure 2—3096
gas systems flowing through orifices, ang. distrib. determ. 2—39240
ion-molecule reactions, pulsed ion cyclotron double resonance spectroscopy 2—24568
lepton, from symmetry of leptonic weak interactions 2—34607
in local current algebra, connection with isospin spectra 2—5487
lunar rock samples, differential thermal analysis and gas release studies 2—7509
metastable ion data, automated acquisition using on-line computer 2—38780
methylamine and deuterated derivatives, mass spectrometric study of negative ions formation by electron impact 2—38988
phenolic methacrylate anhydrides and i.r. and n.m.r. spectra, spectrometric data 2—28334
phenolic methacrylates and i.r. and n.m.r. spectra, spectrometric data 2—28334
polydimethylsiloxane shown to be main constituent of pseudo-'polywater' by mass spectrometric study 2—28801
positive ions extracted from negative glow of cylindrical hollow cathode discharge in Ar-H_2O admixture 2—39212
pyrazine 2—28403
pyridazine 2—28405
pyrimidine, u.v. and electron impact spectra 2—28404
radioisotope ion sources 2—11930
stopping heavy cosmic ray particles at sea level 2—23923
s-triazine 2—28416
1,1,1-trifluoroethane, cracking pattern 2—15403

Mass spectra continued
$(p\pi^+\pi\ )$ mass enhancements at 1460 MeV and 1710 MeV in $\pi^\pm$ and K^- interactions with hydrogen 2—430
Cr organometallic complexes, examination and brief discussion 2—18494
Cs plasma, obs. of dependencies on pressure of various ion species 2—24779
D_2 mass and ion kinetic energy spectra 2—28296
Fe-C alloy, Ar ion bombardment, secondary ion emission 2—4329
H_2, mass and ion kinetic energy spectra 2—28296
HCN laser plasmas with H_2 and D_2, 337 μ emission obs. 2—24468
HD mass and ion kinetic energy spectra 2—28296
Ho_2, dissociation energy 2—24473
HoAg, dissociation energy 2—24473
HoAu, dissociation energy 2—24473
$HoAu_2$, atomization energies by high temp. mass spectrometry 2—28302
KCl, effusion from cylindrical orifice, ang. distrib. study 2—9017
K_2Cl_2, effusion from cylindrical orifice, ang. distrib. study 2—9017
$LuAu_2$, atomization energies by high temp. mass spectrometry 2—28302
Mn organometallic complexes, examination and brief discussion 2—18494
N_2^+, monomolecular and collision induced predissociation 2—12162
T organometallic complexes, examination and brief discussion 2—18494
$TbAu_2$, atomization energies by high temp. mass spectrometry 2—28302

Mass spectrometers
see also Ion optics
combined ionization manometer, patent 2—8419
cryogenically pumped quadrupole spectrometer for ionospheric measurements 2—41006
design with complete second order focusing, FORTRAN programs 2—24303
directional and energy focusing time of flight mass spectrometer 2—38783
double beam, highly excited Ar study 2—11928
with drift tube, patent 2—38795
E×B separator design 2—38782
electron impact spectra from an ion cyclotron resonance spectrometer, new method 2—35110
field-ionization type, review 2—38785
high-resolution with partial second- order double focusing 2—38779
image aberrations of double-focussing mass spectrometers, influence of fringing fields 2—567
ion beams, geometrical aberrations, calc. 2—18270
ion cyclotron resonance, for determ. rate consts. of ion-molecule reactions 2—28165
ion cyclotron resonance, obs. of ion transit times 2—2915
ion drift, coupled with ion molecule reactor for plasma chromatography 2—18275
ion microprobe analyzers, applic. to surface and bulk solids 2—20217
ion microprobe mass analyser 2—20210
ion motion, simulated expt., method for pulsing ions 2—38787
for ion separation, patent 2—38795
laser source, for geological materials anal. 2—18276
lunar orbital, Apollo 15 flight 2—41174
magnetic sector mass spectrometer with reduced mass discrimination, design, props. 2—38784
metastables, mass analysis 2—15189
miniature Mattauch-Herzog, for investigation of planetary atmospheres 2—566
monopole, field generator 2—2910
monopole with four analyser fields 2—15188
MS 702, electronic detection 2—2917
neutral atom, calibrated, for plasma ion temp. meas. for 0.165-10keV energy region 2—15479
nonmagnetic, small electrode structure, operating by h.f. square form pulse voltage 2—35112
permanent-magnet, single-electrode pair, E×B velocity filter, performance as mass separator 2—35113
photoelectron-photoion coincidence spectrometer, design and performance 2—28164
photoelectron-photoion coincidence spectroscopy, principles and theory 2—28260
prism, distortion of spectral lines, removal 2—2916
prism, with tapered poles, increased dispersion 2—31636
quadrupole, data acquisition system 2—2909
quadrupole, for mass range up to 300 amu 2—35111
quadrupole, fringing fields 2—38788
quadrupole, KM-1, effects of pressure and gas composition on sensitivity and dynamic range 2—38781
quadrupole, reduction of noise in multiplier, in ion counting mode 2—2918
quadrupole, resolution improvements 2—2911
quadrupole, r.f. design with ref. to use in flame ionization obs. 2—11925
quadrupole, three dimensional, form of mass peaks, dependence on conditions of introduction of ionizing electron beam 2—21483
quadrupole, with time varying potential 2—564
quadrupole mass analyzer combined with field ion microscope 2—39624
recoil spectrograph for superheavy nuclei detection 2—11929
residual gas analyzer, automation on time-shared computer 2—38790
residual gas analyzer, double chamber partial press. gauge 2—38789
resotron, a new rapid scan spectrometer of omegatron type 2—18274
review and applications 2—570
r.f. linear, resolving power improvement 2—2907
rocket-borne, for thermosphere measurements 2—40976
secondary ion, analytical system, ultra high vacuum conditions 2—38786
single focusing, ion optics of magnetic sector fields 2—2908
for space exploration, Mars surface chemistry obs., 1976 probe 2—41191
sputter ion type, sensitivity, basic considerations 2—565
stigmatic focusing, with mass and energy dispersion 2—38778
tandem ion analyzer of large radius 2—38777
thermal ionization source, with ion counting, for isotopic abundance analysis 2—11926
time of flight, use in residual gas analysis in u.h. vac. systems 2—21482
time-of-flight, multiple-focussing with equal momentum acceleration 2—568
time-of-flight, using channel multipliers as ion source and ion detector 2—24304
time-of-flight, using channel multipliers as ion source and ion detector 2—38793
time-of-flight energy-mass-analyzer 2—21481
time-of-flight residual gas analyzer and surface monitor 2—37063
wide scanning range, mass numbers 10 to 10^5 2—38794

Mass spectrometers continued
accessories
see also Ion sources
automated acquisition of metastable ion data using on-line computer 2—38780
computerized acquisition and processing of isotopic mass spectra 2—24302
cryopumped ion-bombardment ion source for trace analysis of solids 2—10655
field ion emitters, optimum parameters 2—31635
graphite field ionizer, advantages over metallic sources 2—38792
ion current multi-channel scaling, for small samples 2—2912
ion probe spectrometer, energy selector, trace components detectable limit improvement 2—11927
ion source, for chemical ionization type 2—2914
ion source, He cooled, for rocket borne spectrometer 2—18273
ion source for high temp. research 2—18272
photoplate reader, coupled to on line digital computer 2—21484
secondary positive ion and normal isotope analysis 2—4330
trapped cell for ion cyclotron resonance spectroscopy 2—35114
trapped ion source, for sequential impact spectra 2—18271
video recorder, technique for recording rapidly changing mass spectra 2—38791
applications
see also Chemical analysis/by mass spectrometry
atomic mass measurements at Osaka University 2—38843
biomedical problems tackled by chemical ionization 2—17121
gas, high temperature phase equilib., limitations of technique 2—18872
gas scatt. as partial press. sensitivity limit 2—41404
ionosphere E- and F-layer ion composition obs. 2—7342
ionosphere E-region, abundances of metallic ions 2—41006
metal, Ar ion bombardment, secondary positive ion analysis 2—4330
neutron capture cross-sections of rare-earth isotopes 2—496
paramagnetic component of molecular beams of O_2, NO and NO_2 identified 2—18397
perfect focusing, in molecular beam scattering apparatus 2—2913
secondary ion, ultra high vacuum conditions 2—38786
superheavy nuclei detection, recoil spectrograph 2—11929
surface phenomena, field- ionization spectrometers, review 2—38785
thermal ionization, type 2—569
thermodynamic props. and heat of sublimation determ. for metals and alloys 2—36351
thermodynamic props. determ., applied to Fe-Cr-C austenitic alloys 2—29550
thermosphere, measurement of minor constituents 2—40976
u.h. vac. systems, residual gas analysis 2—21482
vacuum systems, oil backstreaming v.p., detect. by mass spectrometric obs. 2—41385
vacuum technology 2—15190
Ag-Cu, liq. binary determ. of excess Gibbs energies and heats of mixing, 1000-1250°C 2—18814
H/D ratio, precision measurement 2—20208
^{244}Pu, detection in nature 2—5678

Mass standards *see Standards*

Mass transfer
air-water interface, and heat transfer 2—24632
air-water moving interface 2—21752
analogy for fully developed turbulent flow of power law fluids in circular tubes 2—24598
in axisymmetric boundary layer over a circular cylinder, additional data for calculation 2—20954
binary alloys, processes in systems with mobile phase boundaries 2—6613
binary star systems with ultra short-periods 2—26741
from bubble collapsing adiabatically in large body of liquid 2—1059
characteristics of flow channel cell apparatus for high rate electrolysis studies 2—40827
chlorotrimethylsilane, during film boiling, SiC deposition rel. to high modulus fibre preparation 2—1152
circular cylinder in cross flow, effect of free-stream turbulence 2—35708
convection, natural, combined with forced air flow through rectangular openings 2—34212
convective, coeffs., sorption with chemical reaction, Thoma method 2—4583
critical binary mixture, signal correl. obs. 2—25064
cross cocurrent flow of 2 phases, hydrodynamic and kinetic characteristics 2—35405
cylinder to air, rel. to turbulence and Reynolds number 2—18732
cylinders, solid and hollow, with const. rate of ablation at ends, heat cond. boundary value problem 2—5276
d.c. arc plasma, oscilloscopic registration method of obs. 2—24663
deposit formation on heating surfaces, nonisothermal gas flow with suspended solid particles 2—12585
diatomic gas bounded by two plane parallel surfaces, kinetic model 2—9026
diffusion with irreversible chemical reaction in a laminar boundary layer 2—6015
dissolution of solids into turbulent liquid stream 2—28757
in electrochemical cells, study by holographic technique 2—21127
enclosed rotating disc 2—3164
environmental and geophysical heat transfer, conference (Washington 1971) 2—22919
flow, turbulent, in smooth tubes, Reynolds analogy 2—18735
flow past spheres 2—39040
in flowing films, effects of wave characts. and mech. disturbances 2—1068
in fluid, effects of convection flows resulting from combined buoyancy effects of thermal and mass diffusion 2—6027
fluid-solid, kinetics, obs. using continuously weighed rotating disk reactor 2—30043
fluidized beds, multistage, conformity of flow 2—35400
fluids in direct contact, mass and heat transfer 2—35387
fuel cell, influence of mass transfer in gaseous phase 2—27393
gas flow past solid bodies, local mass transfer coefficients meas. with radioisotopes 2—39234
gas transfer between bubbles and dense phase in two dimensional fluidised bed 2—9187
gas-liquid system, influence of molecular diffusion 2—25061
between gravity waves and larger-scale motions 2—1806
heat and mass transfer, conference, Manchester, England, Sept. (1971) 2—34229
heat and moisture transfer in wet sand during freezing 2—20956

Mass transfer continued
heat cond. theory of Fourier, Newton's Law 2—34210
heat transfer analogous behaviour 2—35431
hypersonic flow, effect os turbulent boundary layer properties 2—35659
idffusion, buoyancy effect causing natural convection flows adjacent to horizontal surfaces 2—21738
near interface, equivalence of penetration and boundary layer theories 2—31888
interphase, effect on hydrodynamic stability of Marangoni films 2—25027
ionic, liquid-liquid interface, effect of vibration 2—3376
isothermal sphere in moving fluid, effect of curvature 2—39029
jets, liquid-in-liquid, conc. driving force 2—3350
in laminar tube flow, mutually dependent heat and mass transfer 2—3299
liquid drops, quantitative data correlation with qualitative obs. 2—9064
liquids, across plane interface, effect of electric field 2—24992
in low Reynolds number flow, conference (Washington D.C., November 1971) 2—21751
mass flow rate meas. in heterogeneous medium, hot wire technique 2—28451
non-symmetric turbulent diffusion in plain tube, effect of tangential eddy diffusivity 2—35402
nonlinear, during drying of porous medium, extended variational formulation 2—183
organic cylinders rotating in water, mass transfer coeff. determ. from rates of dissolution 2—6218
packed beds, correlation of data using asymptotic relations 2—3157
porous media, fluid flow and heat transfer, two-dimensional analysis 2—21757
propionic acid in di-n-butylphthalate-water system, concentration near interface measured by interferometry 2—6177
radial, effects in a porous wall tubular reactor 2—6029
radiating gas stream, limiting conditions of motion 2—35681
rarefied gases, third order constitutive eqns. of mass, heat and momentum transport 2—28729
Rayleigh interferometer for conc. gradient meas. in liquids 2—21149
simultaneous heat and mass transfer by free convection about vertical flat plate 2—30885
single sphere and steady surroundings, transients material transport 2—39041
sintering, material transport mech. in early stages 2—36255
solid sphere to liquid in forced convection, study using electrochemical technique 2—28745
from sphere in laminar flow, approximate solution 2—30886
spheroids in steady axisymmetric flow, numerical soln. 2—31924
stratospheric-tropospheric mass exchange, average mass transfer in low stratosphere 2—7277
surface, in gas mixtures indergoing equilib. and nonequilib. reactions in tube, turbulent flow studied 2—6128
transient in fully developed laminar tube flow 2—21737
transport equations in transfer coordinates 2—7722
in turbulent boundary layers 2—39246
two-phase one-component media, effect on sound speed 2—11355
viscous flow in curved circular tubes 2—34204
water cylinder with enclosed rotating disc 2—3335
Ag_2CrO_4, dissolution in aqueous solutions, analysis of mass transport 2—30072
Cu, powder, sintering kinetics, mass transport mechanism 2—22346
Ni, active powder, sintering mech., mass transport mech. 2—36259

Master equation *see Transport processes*

Materials
see also Individual materials (if separately named) e.g. Ruby
ablative material, response to simulated re-entry conditions, flash X-ray techniques 2—36184
aggregate, phase conc., particle size and spacing, variability and anisotropy 2—29454
alnico-base permanent magnet 2—23515
asbestos, composition of blended samples by neutron activation analysis 2—7199
bitumens, transverse u.s. wave propag. 2—32829
bond eval. procedures, 'C' scan U.S. signal applic. 2—32670
bonding media, Apiezon greases, thermal cond. 2—17440
bone, determination of mineral content using a densitometric method 2—37444
building materials, shear testing procedure 2—39869
cement, portland, hydrated, pore struct. analysis by water vapour adsorpt. 2—35910
cement, portland, hydrated paste, pore struct. analysis by water vapour adsorpt. 2—36269
cement paste, hydrated, pore size generalized log-normal distrib. 2—36268
ductile, void growth, strain hardening and interaction effects, analysis 2—2189
elastic wave propagation in material with microstructure 2—30861
exposed to explosive waves, test method 2—39868
grease, Apiezon N and T, correlation between thermal conductance, specific heat anomalies and glass transition temp. 2—30728
heat conducting, defects rel. to treatment 2—32499
Kapron fiber linings for ducts, acoustic absorption frequency characteristics 2—27288
lacquer layer, diffusion coeff. determ. 2—19149
laser heating, radial heat conduction 2—14284
latex particles size distribution det. by electron microscope 2—25117
metal-deficient sulphospinels, $Cr_{8/9}M_{16/9}\square_{1/3}S_4$, M=Al, In, crystal growth, elec., mag. meas. 2—3565
multiphase structure, texture factor 2—32683
nondestructive testing, conf., Los Angeles, USA (Mar. 1972) 2—32659
nondestructive testing, i.r. and thermal techniques, applics. 2—32663
nondestructive testing, u.s. data analysis using computer 2—32669
nondestructive testing, u.s. imaging system 2—15891
nondestructive testing, u.s. isometric imaging system 2—32671
nondestructive testing using vibration meas., applic. to simulated concrete 2—36190
radiographic image enhancement, math. concepts 2—32672
radiographic image enhancement problems 2—32673
testing, application of liq. crystals 2—32238
testing, cyclic stressing by u.s. waves 2—19233
textolite insulation, directional thermal cond., 4.2 to 100 K 2—19472
u.s. signal display, information extraction through probe manipulation 2—32667
u.s. testing, notches and edges as reference flaws 2—39866
vacuum device construction, materials selection 2—41407

Materials testing *see Mechanical strength*

Mathematical methods *see Calculation; Statistical analysis*

Mathematics
analytic function theory review 2—29
book, lectures in mathematical physics 2—37569
canonical commutation relations, continuity for measure-space realization 2—2059
continuum physics, mathematical background, multi author book 2—26
ellipsoidal coordinates from Lame functions, first kind, computer generated 2—2061
finite element method calculation of three-dimensional temperature distribution and thermal stresses 2—17353
fixed points of some functions $f(x\lambda)$, theorems 2—25
functional analysis, review paper 2—28
harmonic analysis, functions useful to geomagnetism 2—4749
hypergeometric function, transforms allowing rapid convergence in free-free Gaunt factor calcs. 2—23
hypergeometric functions, analytic continuation by complex, single loop Euler transforms 2—14066
invariants, theory, summary 2—27
Laplacian, potential perturbations 2—17178
Minkowski space topologies, weaker versions of Zeeman conjectures 2—2058
Orlicz spaces in statistical mechanics 2—2163
spinorality group introduced 2—2066
topology, new technique for analysis of singularities 2—2060
transient processes in welding arc, mathematical model 2—20770

Matrices
atom, fractional parentage coeffs. rel. to matrix elements of irreducible tensorial operators 2—24324
atom electron shell, energy operators matrix elements, recurrent relations 2—28177
beams, continuous, minimum-weight design 2—27169
configuration $(d+s)^n p$, Casmir check for the algebraic matrices 2—28173
density, entropy estimations 2—27091
density, positivity constraints 2—5148
dynamics of machines, use of matrix methods in teaching 2—27011
elasticity theory 2—34018
equations of quantum mechanics, failure to satisfy algebraic relations of operators 2—30791
force constant, diagonal and non-diagonal, iterative method of calculation 2—12077
G-, F-, and Σ-matrices for XY_5Z_2 molecules of D_{5h} symmetry 2—28252
geodetic estimation with singular inverses 2—26405
holomorphic, application in propagation of plane waves in linear homogeneous media 2—37578
Jones method for calc. of polarization eigenstates of anisotropic optical resonators 2—27463
kinematics of machines, use of matrix methods in teaching 2—27010
ligand field theory calculations 2—38874
mean-square amplitude, new formula for calc. elements of large matrices 2—24426
molecular vibrational potential energy distribution 2—28248
N-dimensional orthogonal matrices, generalization of Euler angles 2—23237
p-nuclei, two particle orbital density matrix 2—24126
optics in stratified anisotropic media, 4 by 4 formulation 2—34463
orbit determination, power series representation of partial derivatives 2—20476
Pauli and Dirac matrices, trace of product 2—11280
rotation, in Euler geometry, definition of Euler angles 2—14064
rotation group, irreducible representations 2—33876
spherically symmetric potentials, Dirac and t matrices 2—11276
stiffness method applied to finite deformation theory 2—5182
stochastic matrix differential equations, moments and correlation functions of solutions 2—20810
thick lens theory, use of matrices for simple treatment at sixth form level 2—38040
three-body particle problem, K-matrix formalism 2—38221
transfer relationships for repeated structures 2—5174
vector prediction filtering by matrix algebra using minimum variance principle 2—37572

Matrix-isolation methods *see Free radicals; Molecules*

Matteucci effect *see Magnetoelectric effects; Magnetomechanical effects*

Maxwell-Boltzmann distribution *see Kinetic theory; Statistical mechanics*

Maxwell effect *see Double refraction/flow*

Maxwell equations *see Electromagnetism*

Measurement
see also Instruments; Recording; Standards; Units; Acoustical measurement; Dielectric measurement; Electrical measurement; Magnetic measurement; Mechanical measurement; Radioactivity measurement; Thermal measurement; X-ray measurement. Some specific quantities are listed separately, e.g. Calorimetry; Density measurement. Where no separate heading exists, measurement methods and instruments are included among the other entries under the heading of the appropriate quantity or subject
computer for statistical processing of results 2—26988
displacement, three dimensional by hologram interferometry 2—5384
laser metrology, industrial applics. 2—38003
laser speckle metrology 2—23623
living animals, body composition determ. methods 2—5055
reliability of meas. means 2—14
vacuum pumps parameters, diffusion and rotary, methods and apparatus 2—33831

[illegible]
see also Statistical analysis
atmospheric density, accelerometer inflatable falling sphere, computed density accuracy 2—16869
chromatographic peaks, distortion produced by measuring apparatus 2—30100
crack development and calibration curve plotting using resistance method EGDA electrical integrator 2—29359
curvilinear surface measurements, operator and component errors 2—23217
dial indicator, error analysis of spring-type high-accuracy meters 2—33860
dielectric loss angle tangent by waveguide resonance method, errors associated with coupling with transmission line 2—21004

Measurement continued
errors continued
differential-transformer type pressure transducers, calculation of temperature errors 2—23228
made by digital frequency meter with phasemeter attachment 2—27390
discrimination between models representing experimental results 2—28933
electrical methods, problems in mechanical value measurement 2—6526
electrode systems 2—1759
electron time-of-flight spectrometer for total-cross-section-meas. at low energies 2—31009
experimental data smoothing for performance of inverse Abel transformation, numerical procedure 2—33859
extension measurements between initial points from error ellipses 2—37554
Farmer Dosemeter Mk. II, calibration and equilibration times, errors 2—33792
Farmer Dosemeter Mk. II, pressure time-constants and correction factors 2—33791
flowmeters, optimum modulus for constricting device, methods of increasing accuracy 2—21748
Fourier transform spectroscopy spectral errors resulting from random sampling position errors 2—27643
hydrological observations, problems with nonsynchronous data 2—13657
instrumentation, spectra of hydrosuspensions obs. by small angles method 2—27018
i.r. radiometer, error in measuring temperature of nonblack bodies 2—37803
light beam oscillograph recordings, static error 2—21165
logical and gnosiological aspects of the measurement accuracy problem 2—20797
magnetic declination, due to torsion of suspension wire 2—33552
navigation, unknown matrix of second moments, evaluation of spacecraft flight trajectory parameters 2—26571
optical saccharimeters, measurement accuracy in sugar production 2—38076
optimal degree of feedback in measuring instruments 2—20796
particle spectrometers, semiautomatic device for measuring energy resolution 2—24072
projection type measuring devices, sensitivity of lateral and longitudinal focusing adjustments 2—38090
proton magnetometer, built on periodometer principle 2—33553
Pt. resistance thermometer, accuracy improvements 2—20964
quantization, repeated measurements of time intervals 2—37562
quantum mechanical theory 2—5137
refractive index, atmospheric, mean monthly values, computation errors 2—13670
spots near electrodes, increasing accuracy of meas. by projecting grid onto electrode 2—39221
stellar radial velocity determinations 2—20528
systematic, planar scanning of band shape of interference field 2—38058
thermocouples, correction of indications, effects of noise 2—20966
vacuum meas. accuracy, standards 2—41399
very small particles, effect of scanning line width on error 2—27020
viscosity, using deformed capillary tube 2—28808
viscosity of liquids 2—39345
viscosity of liquids using torsional pendulum 2—39346
X-ray crystallography, centroid and peak shifts due to dispersion 2—19026
Ne, liquid, statistical error due to finite time averaging in computer expts. on number density and kinetic energy-density autocorrelation 2—32220

Mechanical measurement
Individual quantities and instruments are listed separately e.g. Length measurement
aerospace component inspetion using variable-focus X-ray tube 2—32665
alignment fluctuations of mag. tapes, continuous monitoring 2—239
bond eval. procedures, 'C' scan U.S. signal applic. 2—32670
centrifuge for testing, high acceleration, 4,000,000 g 2—23183
ceramic, impact strength, drop weight test procedure 2—29443
ceramic joint, tensile strength, temp. depend. testing 2—25543
characteristic strain, X-ray and strain gauge methods 2—22264
checking fourth class master standard weights of 500 kg mass 2—17171
COD test data, geometry effect 2—25529
COD test data applicability and determ. 2—25530
composite, 4-point loading tests use 2—19220
composite materials, computer-aided test system 2—32746
computer-aided analysis of creep rupture, yield and proof stress data 2—32612
computer-assisted Charpy impact test 2—36186
concrete simulating system, vib. meas. testing 2—36190
constant stress continuous load compression creep machine for small single crystals 2—36193
contact fatigue, high temp. testing device, variable specimen speeds 2—25545
crack length, in sheet materials, obs. by electrical potential method 2—22308
crack opening displacement calibration procedure 2—36181
crack opening displacement testing 2—32642
cracked structure, stress analysis by optical interference method 2—15871
crazing phenomena testing apparatus 2—1314
creep rate, regularities in scatter of creep characteristics in alloy specimens 2—39855
curvilinear surface measurements, operator and component errors 2—23217
defect indications detection before, during and after load applic. 2—32664
double cantilever beam test for fracture toughness 2—25565
elastic modulus, internal friction coeff. and dynamic hardness meas. instrument 2—39857
elastic props. of thin films, nondestructive determ. using harmonic generation of dispersive Rayleigh waves 2—9724
electrical means, problems in accuracy 2—6526
electrical method 2—19232
electrodeposity, internal stress 2—3882
electrolytic coatings, internal stress, by modified ribbon cathode device 2—39859
fatigue crack growth rate testing, in gaseous environment 2—39835
fatigue crack initiation detector, appl. to bolts 2—39815
fatigue limit, evaluation of Locati and Prot determ. methods 2—39816
fatigue microcrack detection and metal resilience meas. instrument 2—39858

Mechanical measurement continued
fatigue testing device for use in water and steam at high temps. and pressures 2—19223
fatigue tests, random load life prediction model 2—39865
ferromagnetic materials, continuous and simultaneous mag. meas., apparatus 2—16352
foam plastic, compressive strength 2—25542
fractographic head, measurement of microhardness 2—29368
fracture control procedure for nucl. press. vessels 2—25566
fracture toughness measurement effect of specimen type and prep. 2—39864
fracture toughness variation prediction from small specimen tests 2—25524
friction and wear, low temperature meas. apparatus 2—25547
graphite fibre, elongation, elasticity modulus, strength 2—25541
hardness thin surface layers and films, det. with Knoop indentor 2—19222
hot hardness testing 2—25550
hot workability, torsion testing study 2—39861
hydrostatic weighing for det. of open porosity 2—19289
impact strength of brittle nonmetallic materials 2—25540
impact wear testing machine 2—22320
impact-fatigue testing apparatus for low temp. obs. 2—29369
impedance by transient loading technique, accuracy 2—37725
internal friction and Young's modulus, meas. apparatus for thin specimens 2—25484
laser speckle metrology 2—23623
low strength materials, device for testing 2—19224
low-cycle strength testing by bending with rotation 2—39856
mass and weight standard meas. 2—23219
mass measurement by multielement magnetoanisotropic bending moment converters, sensitivity increase 2—37559
metals, creep, testing in ultrasonic field over wide temp. range 2—29363
microdynamometer for measuring small forces, characteristics of microtransducers 2—23225
microments measuring device for transducers 2—20805
microstrain-stress, apparatus 2—3885
nondestructive testing, application to composites 2—29452
nondestructive testing, conf., Los Angeles, USA (Mar. 1972) 2—32659
nondestructive testing, i.r. and thermal techniques, applics. 2—32663
nondestructive testing, u.s. data analysis using computer 2—32669
nondestructive testing, u.s. isometric imaging system 2—32671
nondestructive testing using holographic interferometry 2—32660
nonlinear deformations, direct method 2—25536
notched bar impact test for fracture toughness determ. 2—25564
notched bend testing, apparent rot. axis location 2—36180
oscillation amplitudes in inaccessible places, optical method 2—23218
plastic, Young's modulus and creep in flexure, apparatus and technique 2—29371
plasticity evaluation for thin sheet materials, method based on torsion testing 2—39878
polyethylene, friction meas. 2—12919
polypropylene, glass reinforced, cyclic creep testing 2—39871
position, by coaxial laser, interferometers 2—21148
proof stressing method for strength testing of adhesive bonds 2—32666
radiographic image enhancement, math. concepts 2—32672
radiographic image enhancement problems 2—32673
refractory material, high temp. compression testing at const. press. 2—25548
ring shaped specimens, program loading 2—25546
rolling fatigue tester, multiple-rig 2—22321
second order standard force measuring machine with double acting lever for obs. 2—19231
shear creep test apparatus for thermoplastics 2—29370
small cycle fatigue testing, in high pressure liquid media, device for obs. 2—22311
small moments, counting mechanism for electricity meters 2—23226
static errors of equal-arm prism scales and automatic balancing 2—20802
steel, fatigue and creep, cyclical meas., apparatus 2—25544
steel, sheared edge bend test 2—39860
strain gauges mounted on foil, to be bonded by contact welding, high temp. measurements 2—27032
strain measuring and strain distribution obs. device 2—22309
strength testing apparatus, at high temp. and ultrahigh vacuum 2—3924
stress-microstrain behaviour meas. technique 2—25496
surface structure, fatigue failure, optical correlation function 2—9725
teaching procedure, using purpose designed strain gauge transducer 2—27009
tensile testing, 'machine hardness' concept 2—29379
tensometric weighing system for heavy moving road vehicles 2—20801
test machine, follow-up electric drive 2—6593
test rig for continuous meas. of friction, wear and surface temp. 2—22297
thermal fatigue tests of alloys with and without mechanical load 2—22307
thermal stresses in thin tube with circumferentially travelling heat load 2—37719
thermogravimetric apparatus from standard units 2—20800
thermoplastics in tension, measurement at high pressure in petroleum-vapour atmospheres 2—39970
torquemeter, compensating, for use in high field solenoids 2—17528
torsion balance with air bearing for obs. of mechanical props. of polymers 2—22310
u.s. inspection of welds, ASME and AWS procedures comparison 2—32662
u.s. signal display, information extraction through probe manipulation 2—32667
u.s. testing, notches and edges as reference flaws 2—39866
yield pt. of metals under tension, plotting unit 2—41354
Cu fine enamelled wire, springback testing 2—27182

Mechanical properties of substances
see also Individual properties, e.g., Abrasion; Elastic deformation; Mechanical strength; Plastic deformation; Slip; Wear; etc.
Airy stress function visualization by hologram interferometry, analogue plate models 2—14202
anisotropy of some common metals 2—29255
artificial graphite, rate-independent continuum theory based on classical plasticity theory, experimental verification 2—39779
beams, thin-walled, local buckling and post local buckling behaviour 2—3860
boiler tubes, cold- rolled and hardened, e.m. inspection of microstructure and mechanical, electrical and magnetic properties 2—3934

Mechanical properties of substances continued
boronated graphites heated to 1400°C and 2000°C, exptl. study of radiation effects 2—32570
β- brass, single crystals, dynamic compressive behaviour, yield stresses 2—3853
brittle solids, erosion, multiple drop impact, statistical model 2—29306
cast iron, grey, parametric characteristics of mechanical resistance 2—1273
ceramics, single phase, and oxide single crystals, effects of thermal expansion 2—15821
composite materials, mechanical inhomogeneity effect, analysis using finite element method 2—22253
deformations of rigid/plastic media, principal- and slip-line methods of numerical analysis 2—12842
elastomer, dynamic props., rel. to mol. packing 2—3840
electrical measurement, problems in accuracy 2—6526
epoxy resin/glass composites, post irradiation 2—1382
ferrographite, effect of sintering conditions 2—12940
fibre composite, two elastic concentric cylinders, resilience rel. to fibre content 2—36106
fibre reinforced composite, rel. to fibre orientation and symmetry 2—9781
fluid, micropolar, pivoted slider bearing characts., curvature rel. to press., load capacity, friction coeff. 2—9052
glass fibre optics, flexible 2—34536
graphite, mechanical resistance 2—17334
graphite, nuclear, neutron irrad. above 1200°C, increased mech. lifetime, radiation damage 2—19152
Iconel 713 C, rel. to weldability 2—29291
liquid, polar, field induced rigidity 2—28809
low strength materials, device for testing 2—19224
low temps., 20 K, adaptation of tensile testing machine 2—29361
lunar regolith 2—33728
lunar soil, in situ and returned sample obs. 2—26819
materials with simple microstructure, equations of motion 2—36087
metal, f.c.c., deformed, stacking fault energy depend. 2—39681
metals, internal friction and shear modulus, measurement by method of forced vibrations 2—29362
metals, plasticity, internal variable thermodynamic theory 2—12843
metals for low temp. normal and superconducting magnets 2—14371
mica film, effect of electron bombardment, radiation damage, elec. and mech. stability 2—9258
Moon, surface, computer simulation of Surveyor data 2—23105
nylon 6, uniaxially aligned fibre reinforced composites 2—6627
poly-p-bromostyrene, dynamic properties studied in 4 to 250K region 2—6518
poly-p-chlorostyrene, dynamic properties studied in 4 to 250K region 2—6518
polyester systems, glass- reinforced, compression moulded, analysis 2—29290
polyhydroxeythyl methacrylate preswollen network 2—3827
polymer, dynamic props., rel to mol. packing 2—3840
polymer, two-phase, time-temp. superposition 2—15809
polymers, torsion balance with air bearings for obs. 2—22310
polymethyl methacrylate preswollen network 2—3827
polystyrene, effect of halogen ring substitution and crazing on low temp. dynamic mechanical damping peak 2—6518
polyvinyl chloride, IUPAC symposium on macromolecules, Prague, Czechoslovakia, September (1970) 2—15644
refractories, sintered, polycryst. props. rel. to monocryst. props. 2—22254
refractory oxides, rel. to floating zone growth 2—29098
refractory rare earth tungstates, mats. charact. 2—29449
solids and fluids, book 2—39752
steel, 14Kh2GMR and 14KhMNDFR 2—1340
steel, 15KhGNTA 2—1345
steel, austenite, hot rolled, recrystallization 2—12943
steel, cyclic heating effects 2—25516
steel, cyclical strength during variations of local stress 2—19190
steel, heat resisting, microstructure, heat treatment depend. 2—3933
steel, high-strength stainless, tempering temp. effects 2—32609
steel, hot working influence 2—1369
steel, notched, stressed, elongation at rupture, area reduction 2—12890
steel, pre-loaded, deform. kinetics during extension, changes in mech. props. 2—39784
steel rod, axial impact, theoretical and experimental treatment 2—9716
steel/Cu sandwich sheet composite materials, roll bonded, adhesive bonded, press formability 2—12819
steels subjected to thermomechanical treatment, modelling 2—22275
transition metal oxides, powder, hot pressing, densification 2—39954
u.s. study, low temp. props. 2—19096
welded bodies, damping coeff. increase, obs. on soldered steel rods 2—29242
welded bodies, damping coeff. increase, theory 2—29241
zircaloy-2(-4), rel. to surface props. 2—39472
Ag single crystal, effect of evaporated metal coating 2—1286
Al-3wt.%Cu, fatigue life, ageing, precipitation structure effects3952 2—3952
Al-Zn-Mg, alloy, tensile props., rel. to stress corrosion resist., microstruct., quenching conditions 2—12931
Al-Zn-Mg alloy, extruded, rel. between grain struct. and quench sensitivity 2—25589
Al, behaviour of polycrystalline aggregate in terms of single crystal 2—9682
Al, cracking, flow, fracture, macroscopic simulation 2—3905
Al, rolled metal, from grains, processing effects of props. 2—15922
Al, under compressive loading 2—29230
Al_2O_3, anodic films, tests in biaxial tension 2—3857
Cu-Al, aluminium bronze, superplastic, tensile props. 2—15833
Cu-Co, work hardened, single crystals containing coherent precipitates, plastic behaviour, stress-strain curves 2—3936
Cu, under compressive loading 2—29230
Cu rods, hydrostatically extruded, residual stress distribution 2—3883
Fe-Cr-Mn-Ni steel, hot rolled 2—19248
Fe-Mn alloy, rel. to microstruct. 2—32767
Fe-Ni-C, martensites, elastic props. from sound velocity and mass density obs. 2—3829
Fe-base superalloys, review 2—29437
Fe, damping, strain amplitude dependent activation volume 2—3843
α-Fe, yield, flow stresses, grain size dependence dislocation model 2—3854
Mn-Fe, alloy, hydrostatically extruded, physicomech. props. 2—19312
Nb, Hall Petch parameters, grain size and extrapolation methods 2—15820
Ni:ThO_2, rapid quenching effects, internal stresses, rel. to mech. props. 2—32599
Ni-Cr-Mo powder alloy, effect of heat treatment 2—19280
Ni-Cu, Ni-Cu-C alloys, at temperatures between 78 and 523 K 2—1278
Ni-Mo powder alloy, effect of heat treatment 2—19280
Ni-Th, alloy, particle size, interparticle spacing, influence on mech. behaviour 2—3963
Ni, ZrO_2 dispersion strengthened 2—39902
Ni alloys, pulsed arc welded joints, thin-walled components 2—1274
Ni_3Fe alloy, critical order/disorder transformation temp., biphase domain 2—12780
Pd-20 at.%Si amorphous phase, deform., tome depend. props., cryst. transform.29264 2—29264
Ta_2O_3, anodic films, tests in biaxial tension 2—3857
Ti-Mo-Zr-Al, alloy, mech. stability rel. to Al content 2—29411
V alloy cladding behaviour in helium cooled reactors 2—11912
W, deformed, strain values, by X-ray diffr. broadening shape analysis 2—3689
WC-Co cemented carbide rel. to compressive deformation 2—39791
Zn, under compressive loading 2—29230

Mechanical strength
see also Elasticity; Hardness
ablative material, response to simulated re-entry conditions, flash X-ray techniques 2—36184
adhesive bonds, proof stressing test method 2—32666
Al-Al_2O_3 alloy, ball milled, particle size depend. 2—6622
alkali halide, rigidity, dislocation rosettes 2—6562
alloys, breaking and long term strength test apparatus, high temp. and ultrahigh vacuum 2—3924
alumina ceramics, strengthened by crystalline surface layers 2—1331
alumina ceramics, with compressive surface layers, corrosion fatigue, delayed fracture 2—6556
aluminosilicate rod, quenched, thermal shock depend. 2—3887
balsa wood, with metal facing, sandwich panels 2—1299
beams of I section, torsional stiffness 2—27165
binary solid solution, radiation- induced strengthening, model 2—36224
borosilicate glass rods, bend strength meas., effect of conditions 2—29287
box columns, thin walled, effects of residual stresses and geometrical imperfections on strength 2—27142
brittle rupture under creep conditions, simple theory, applications to programmed loading conditions, initial anisotropy 2—39831
butt joints, impact strength at −20°C, rolled angle iron 2—3889
ceramic, impact strength, drop weight test procedure 2—29443
ceramic crystal, press forging, recrystallization, fracture 2—36249
Charpy impact test, computer-assisted 2—36186
clay, decrease due to exchange of adsorbed cations 2—29281
composite, fibre- or particle-reinforced, strength/density ratio 2—39962
composites, brittle matrix, uniaxial bend strength 2—1306
composites, chemically bonded, brittle matrix, uniaxial strength 2—1307
concrete and slabs in nuclear reactor pressure vessels 2—15069
concrete microreinforced with steel 2—15868
concrete reactor pressure vessel models, mode of rupture under internal gas pressure 2—15152
contact problems of solid bodies, finite element method 2—5179
crystal, plastic deform., dislocation slip, considered in colloidal chem. framework 2—32514
drill tubes, effect of electromechanical hardening on corrosion fatigue failure 2—3892
ductile rupture in nuclear reactors, design criteria from high temp. material properties 2—15110
elastic glass fibres, treatments for enhancement 2—36263
fatigue, testing device for use in water and steam at h. temps. and pressures 2—19223
fatigue testing, configuration of propagating surface crack 2—32634
fatigue testing, deform. testing, biaxial stress, stress conc. and pure bending conditions 2—19229
f.c.c. crystal, neutron irradiation strengthening 2—15895
fibre composites, at angle to fibre axis 2—36136
fibre matrix systems, mech. tests 2—29290
fracture toughness, acoustic emission study, review 2—22314
girders, steel, CO_2 welded, surface work hardening 2—1315
glass, soda borosilicate, uniaxial bend strength 2—1306
glass, variations due to external factors 2—39972
glass container, determ. by biaxial stress method 2—29288
glass fibre, effect of vibrations 2—19195
glass filaments, type E, rel. to stress corrosion mechanism 2—39843
glass lenses, statistical evaluation of reliability from mechanical strength data 2—27618
glass plate, coaxial ring test 2—15866
graphite, mechanical resistance 2—17334
graphite, neutron irrad., rel. to shrinkage rate 2—21471
graphite, static fatigue behaviour, applied stress rel. to fracture stress 2—32588
graphite fibre, meas. method 2—25541
graphite nuclear reactor components, strength and durability rel. to construction problems of a THTR 2—18265
hardness testers, checking using reference blocks 2—39870
impact, components det. 2—29277
Incoloy 800, rupture, He environmental effects 2—12871
Inconel 706, fabricable high-strength superalloy 2—29395
layered sheets, testing bondstrength and delamination by Lambs wave technique 2—36187
lunar soil, in situ and returned sample obs. 2—26819
magnesia, modulus of rupture, effect of silicate phases 2—1310
materials testing by holographic interferometry 2—36183
metal plate, rel. to standard forming tests 2—9681
metals, alternating cantilever bend testing and torsion testing at 1.5-300K 2—29348
metals, breaking and long term strength test apparatus, high temp. and ultrahigh vacuum 2—3924
metals, method of comparison at different temps. 2—29278
multilayer vacuum condensate 2—15944
notch shape rel. to impact strength characteristics, 10GT steel at −20°C 2—39810
nuclear reactor shields, steel ferrules with fillers, dynamic load 2—15042
optimal design of structures with piecewise uniform cross-section 2—17329

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